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David Megginson, david@megginson.com
2000-05-05

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1.19 asm 5.0.4

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1.20 aspectj.runtime 1.6.2

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1.21 aspectjweaver 1.7.2

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```
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```

```
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```

```
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```

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--- end ---

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//

// See <http://www.boost.org/libs/intrusive> for documentation.

//

//

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP

#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#include <boost/intrusive/detail/config_begin.hpp>

#include <cstddef>

```
namespace boost {
namespace intrusive {
namespace detail {
```

```
typedef char one;
struct two { one _[2];};
```

```
template< bool C_ >
struct bool_
{
    static const bool value = C_;
};
```

```
typedef bool_<true>    true_;
typedef bool_<false>   false_;
```

```
typedef true_ true_type;
typedef false_ false_type;
```

```
typedef char yes_type;
struct no_type
{
    char padding[8];
};
```

```
template <bool B, class T = void>
```

```

struct enable_if_c {
    typedef T type;
};

template <class T>
struct enable_if_c<false, T> {};

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T>{};

template<class F, class Param>
struct apply
{
    typedef typename F::template apply<Param>::type type;
};

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; };
    static true_t dispatch(U);
    static false_t dispatch(...);
    static const T &trigger();
public:
    static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t);
};

template<
    bool C
    , typename T1
    , typename T2
    >
struct if_c
{
    typedef T1 type;
};

template<
    typename T1
    , typename T2
    >
struct if_c<false,T1,T2>
{
    typedef T2 type;
};

template<

```

```

    typename C
    , typename T1
    , typename T2
    >
struct if_
{
    typedef typename if_c<0 != C::value, T1, T2>::type type;
};

template<
    bool C
    , typename F1
    , typename F2
    >
struct eval_if_c
    : if_c<C,F1,F2>::type
{};

template<
    typename C
    , typename T1
    , typename T2
    >
struct eval_if
    : if_c<C,T1,T2>::type
{};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
{
    typedef T type;
};

#if defined(BOOST_MSVC) || defined(__BORLANDC_)
#define BOOST_INTRUSIVE_TT_DECL __cdecl
#else
#define BOOST_INTRUSIVE_TT_DECL
#endif

#if defined(_MSC_EXTENSIONS) && !defined(__BORLAND__) && !defined(_WIN64) &&
!defined(UNDER_CE)
#define BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS
#endif

template <typename T>
struct is_unary_or_binary_function_impl
{ static const bool value = false; };

```

```

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (*)()>
{ static const bool value = true; };

template <typename R>
struct is_unary_or_binary_function_impl<R (*)(>...>
{ static const bool value = true; };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (__stdcall*)()>
{ static const bool value = true; };

#ifndef _MANAGED

template <typename R>
struct is_unary_or_binary_function_impl<R (__fastcall*)()>
{ static const bool value = true; };

#endif

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)()>
{ static const bool value = true; };

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)(>...>
{ static const bool value = true; };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(>T0>
{ static const bool value = true; };

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(>T0...>
{ static const bool value = true; };

```

```

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0)>
{ static const bool value = true; };

#ifndef _MANAGED

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0)>
{ static const bool value = true; };

#endif

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0)>
{ static const bool value = true; };

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0...)>
{ static const bool value = true; };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1)>
{ static const bool value = true; };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1...)>
{ static const bool value = true; };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0, T1)>
{ static const bool value = true; };

#ifndef _MANAGED

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0, T1)>
{ static const bool value = true; };

#endif

```



```

#endif

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1)>
{ static const bool value = true; };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1...)>
{ static const bool value = true; };
#endif

template <typename T>
struct is_unary_or_binary_function_impl<T&>
{ static const bool value = false; };

template<typename T>
struct is_unary_or_binary_function
{ static const bool value = is_unary_or_binary_function_impl<T>::value; };

//boost::alignment_of yields to 10K lines of preprocessed code, so we
//need an alternative
template <typename T> struct alignment_of;

template <typename T>
struct alignment_of_hack
{
    char c;
    T t;
    alignment_of_hack();
};

template <unsigned A, unsigned S>
struct alignment_logic
{
    static const std::size_t value = A < S ? A : S;
};

template< typename T >
struct alignment_of
{
    static const std::size_t value = alignment_logic
        < sizeof(alignment_of_hack<T>) - sizeof(T)
        , sizeof(T)
        >::value;
};

template <typename T, typename U>

```

```

struct is_same
{
    typedef char yes_type;
    struct no_type
    {
        char padding[8];
    };

    template <typename V>
    static yes_type is_same_tester(V*, V*);
    static no_type is_same_tester(...);

    static T *t;
    static U *u;

    static const bool value = sizeof(yes_type) == sizeof(is_same_tester(t,u));
};

template<typename T>
struct add_const
{ typedef const T type; };

template<typename T>
struct remove_const
{ typedef T type; };

template<typename T>
struct remove_const<const T>
{ typedef T type; };

template<typename T>
struct remove_cv
{ typedef T type; };

template<typename T>
struct remove_cv<const T>
{ typedef T type; };

template<typename T>
struct remove_cv<const volatile T>
{ typedef T type; };

template<typename T>
struct remove_cv<volatile T>
{ typedef T type; };

template<class T>
struct remove_reference

```

```

{
    typedef T type;
};

template<class T>
struct remove_reference<T&>
{
    typedef T type;
};

template<class Class>
class is_empty_class
{
    template <typename T>
    struct empty_helper_t1 : public T
    {
        empty_helper_t1();
        int i[256];
    };

    struct empty_helper_t2
    { int i[256]; };

    public:
    static const bool value = sizeof(empty_helper_t1<Class>) == sizeof(empty_helper_t2);
};

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S)>>1u)::value;
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

} //namespace detail
} //namespace intrusive
} //namespace boost

```

```

#include <boost/intrusive/detail/config_end.hpp>

#endif //BOOST_INTRUSIVE_DETAIL_MPL_HPP
////////////////////////////////////
//
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// http://www.boost.org/LICENSE_1_0.txt)
//
// See http://www.boost.org/libs/interprocess for documentation.
//
////////////////////////////////////

#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP

#if (defined _MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif

#include <cstddef>

namespace boost {
namespace interprocess {
namespace ipcdetail {

template <class T, T val>
struct integral_constant
{
    static const T value = val;
    typedef integral_constant<T,val> type;
};

template< bool C_ >
struct bool_ : integral_constant<bool, C_>
{
    static const bool value = C_;
};

typedef bool_<true>    true_;
typedef bool_<false>  false_;

typedef true_  true_type;
typedef false_ false_type;

```

```

typedef char yes_type;
struct no_type
{
    char padding[8];
};

template <bool B, class T = void>
struct enable_if_c {
    typedef T type;
};

template <class T>
struct enable_if_c<false, T> {};

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {};

template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> {};

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; };
    static true_t dispatch(U);
    static false_t dispatch(...);
    static T trigger();
public:
    static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t);
};

template<
    bool C
    , typename T1
    , typename T2
>
struct if_c
{
    typedef T1 type;
};

template<
    typename T1
    , typename T2
>
struct if_c<false,T1,T2>
{

```

```

    typedef T2 type;
};

template<
    typename T1
    , typename T2
    , typename T3
    >
struct if_
{
    typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template <class Pair>
struct select1st
// : public std::unary_function<Pair, typename Pair::first_type>
{
    template<class OtherPair>
    const typename Pair::first_type& operator()(const OtherPair& x) const
    { return x.first; }

    const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
    { return x; }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
// : public std::unary_function<T,T>
{
    typedef T type;
    const T& operator()(const T& x) const
    { return x; }
};

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

```

```

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

} //namespace ipcdetail {
} //namespace interprocess {
} //namespace boost {

#endif //ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
////////////////////////////////////////////////////////////////
//
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//
// See http://www.boost.org/libs/container for documentation.
//
////////////////////////////////////////////////////////////////

#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

#if (defined _MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif

#include <cstddef>

namespace boost {
namespace container {
namespace container_detail {

template <class T, T val>
struct integral_constant
{
    static const T value = val;
    typedef integral_constant<T,val> type;
};

template< bool C_ >
struct bool_ : integral_constant<bool, C_>
{
    static const bool value = C_;
    operator bool() const { return bool_::value; }
}

```

```

};

typedef bool_<true>    true_;
typedef bool_<false>  false_;

typedef true_ true_type;
typedef false_ false_type;

typedef char yes_type;
struct no_type
{
    char padding[8];
};

template <bool B, class T = void>
struct enable_if_c {
    typedef T type;
};

template <class T>
struct enable_if_c<false, T> {};

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {};

template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> {};

template <bool B, class T = void>
struct disable_if_c : public enable_if_c<!B, T> {};

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; };
    static true_t dispatch(U);
    static false_t dispatch(...);
    static T trigger();
public:
    enum { value = sizeof(dispatch(trigger())) == sizeof(true_t) };
};

template<
    bool C
    , typename T1
    , typename T2
>

```



```

struct if_c
{
    typedef T1 type;
};

template<
    typename T1
    , typename T2
    >
struct if_c<false,T1,T2>
{
    typedef T2 type;
};

template<
    typename T1
    , typename T2
    , typename T3
    >
struct if_
{
    typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template <class Pair>
struct select1st
// : public std::unary_function<Pair, typename Pair::first_type>
{
    template<class OtherPair>
    const typename Pair::first_type& operator()(const OtherPair& x) const
    { return x.first; }

    const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
    { return x; }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
// : public std::unary_function<T,T>
{
    typedef T type;
    const T& operator()(const T& x) const
    { return x; }
};

template<std::size_t S>

```

```

struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

```

```

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

```

```

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

```

```

template <typename T> struct unvoid { typedef T type; };
template <> struct unvoid<void> { struct type { }; };
template <> struct unvoid<const void> { struct type { }; };

```

```

} //namespace container_detail {
} //namespace container {
} //namespace boost {

```

```

#endif //ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

```

```

[/=====
Boost.Geometry (aka GGL, Generic Geometry Library)

```

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```

=====/]

```

```

=====
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```

=====

```

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```

Exceptions:

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Examples:

- adapted geometry types e.g. array, Boost.Polygon
- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections

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```
[/
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]
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=US-ASCII">
<title>MPL Interoperability</title>
<link rel="stylesheet" href="../../../../doc/src/boostbook.css" type="text/css">
<meta name="generator" content="DocBook XSL Stylesheets V1.77.1">
<link rel="home" href="./index.html" title="Chapter&#160;1.&#160;Boost.TypeTraits">
<link rel="up" href="./index.html" title="Chapter&#160;1.&#160;Boost.TypeTraits">
<link rel="prev" href="intrinsic.html" title="Support for Compiler Intrinsics">
<link rel="next" href="examples.html" title="Examples">
</head>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
```

```

<table cellpadding="2" width="100%"><tr>
<td valign="top"></td>
<td align="center"><a href="../../../../index.html">Home</a></td>
<td align="center"><a href="../../../../libs/libraries.htm">Libraries</a></td>
<td align="center"><a href="http://www.boost.org/users/people.html">People</a></td>
<td align="center"><a href="http://www.boost.org/users/faq.html">FAQ</a></td>
<td align="center"><a href="../../../../more/index.htm">More</a></td>
</tr></table>
<hr>
<div class="spirit-nav">
<a accesskey="p" href="intrinsics.html"></a><a
accesskey="u" href="../../index.html"></a><a accesskey="h"
href="../../index.html"></a><a accesskey="n"
href="examples.html"></a>
</div>
<div class="section boost_typetraits_mpl">
<div class="titlepage"><div><div><h2 class="title" style="clear: both">
<a name="boost_typetraits.mpl"></a><a class="link" href="mpl.html" title="MPL Interoperability">MPL
Interoperability</a>
</h2></div></div></div>
<p>
All the value based traits in this library conform to MPL's requirements for
an <a href="../../../../libs/mpl/doc/refmanual/integral-constant.html" target="_top">Integral
Constant type</a>: that includes a number of rather intrusive workarounds
for broken compilers.
</p>
<p>
Purely as an implementation detail, this means that <code class="computeroutput"><a class="link"
href="reference/integral_constant.html" title="integral_constant">true_type</a></code>
inherits from <a href="../../../../libs/mpl/doc/refmanual/bool.html" target="_top"><code
class="computeroutput"><span class="identifier">boost</span><span class="special">::</span><span
class="identifier">mpl</span><span class="special">::</span><span class="identifier">true_</span></code></a>,
<code class="computeroutput"><a class="link" href="reference/integral_constant.html"
title="integral_constant">false_type</a></code>
inherits from <a href="../../../../libs/mpl/doc/refmanual/bool.html" target="_top"><code
class="computeroutput"><span class="identifier">boost</span><span class="special">::</span><span
class="identifier">mpl</span><span class="special">::</span><span class="identifier">false_</span></code></a>,
and <code class="computeroutput"><a class="link" href="reference/integral_constant.html"
title="integral_constant">integral_constant</a><span class="special"></span><span
class="identifier">T</span><span class="special">,</span>
<code class="computeroutput"><span class="special"></span></code>
inherits from <a href="../../../../libs/mpl/doc/refmanual/integral-c.html" target="_top"><code
class="computeroutput"><span class="identifier">boost</span><span class="special">::</span><span
class="identifier">mpl</span><span class="special">::</span><span class="identifier">integral_c</span><span
class="special"></span></code></a>
<code class="computeroutput"><span class="identifier">T</span><span class="special">,</span><span
class="identifier">v</span><span class="special"></span></code>
(provided <code class="computeroutput"><span class="identifier">T</span></code> is not <code
class="computeroutput"><span class="keyword">bool</span></code>)

```

```

    </p>
</div>
<table xmlns:rev="http://www.cs.rpi.edu/~gregod/boost/tools/doc/revision" width="100%"><tr>
<td align="left"></td>
<td align="right"><div class="copyright-footer">Copyright &#169; 2000, 2011 Adobe Systems Inc, David
Abrahams,
    Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant,
    Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten
    Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek, Robert Stewart and Steven
    Watanabe<p>
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target="_top">http://www.boost.org/LICENSE_1_0.txt</a>)
    </p>
</div></td>
</tr></table>
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accesskey="u" href="index.html"></a><a accesskey="h"
href="index.html"></a><a accesskey="n"
href="examples.html"></a>
</div>
</body>
</html>
[/
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]

```

[section:mpl MPL Interoperability]

All the value based traits in this library conform to MPL's requirements for an [@ ../../libs/mpl/doc/refmanual/integral-constant.html Integral Constant type]: that includes a number of rather intrusive workarounds for broken compilers.

Purely as an implementation detail, this means that `__true_type` inherits from [@ ../../libs/mpl/doc/refmanual/bool.html `boost::mpl::true_`], `__false_type` inherits from [@ ../../libs/mpl/doc/refmanual/bool.html `boost::mpl::false_`], and `__integral_constant<T, v>` inherits from [@ ../../libs/mpl/doc/refmanual/integral-c.html `boost::mpl::integral_c<T,v>`] (provided `T` is not `bool`)

[endsect]

```

<?xml version="1.0" encoding="utf-8"?>

<!-- Copyright (c) 2001-2006 CrystalClear Software, Inc.
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-->

<section id="date_time.license">
  <title>Boost Date-Time Library License</title>
  <bridgehead renderas="sect2">Boost Date-Time Library License</bridgehead>
  <!--
  <ulink url="../../index.htm">
    <imagedata align="left"
      format="GIF"
      fileref="../../boost.png"
      alt="C++ Boost" />
  </ulink>-->
  <!--hr /-->
  <para>
    The following is the overall license for the boost date_time
    library. This notice is found in all source files related to the
    library.
  </para>
  <para>
    Copyright © 2002 CrystalClear Software, Inc.
  </para>
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    representations about the suitability of this software for any
    purpose. It is provided "as is" without express or implied
    warranty.
  </para>
  <!--hr / -->
  <ulink url="mailto:jeff@crystalclearsoftware.com">Jeff Garland</ulink>
  © 2000-2002
</section>

```

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[article Invalid copyright years

[quickbook 1.5]

[copyright 2010-2001 Timequake man]

]

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"
```

```
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
```

```
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
```

```
xmlns:xi="http://www.w3.org/2001/XInclude">
```

```
<title>Copyright Test</title>
```

```
<articleinfo>
```

```
<copyright>
```

```
<year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
```

```
</copyright>
```

```
<copyright>
```

```
<year>2018</year> <holder>Joe Blow, John Coe</holder>
```

```
</copyright>
```

```
<copyright>
```

```
<year>1977</year> <year>1985</year> <holder>Someone else</holder>
```

```
</copyright>
```

```
</articleinfo>
```

```
</article>
```

[article Copyright Test

[quickbook 1.5]

[copyright 1963-1965 Jane Doe, 2018 Joe Blow, John Coe]

[copyright 1977,1985 Someone else]

]

[article Invalid copyright

[quickbook 1.5]

[copyright No year]

]

Maybe this should pass?

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined

and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by

Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.

Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)

subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and

Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and

Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.

Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader

specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and

Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and

Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.

Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports.

Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.

Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to

a Motorola 88K processor running CX/UX (Harris NightHawk).

Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to

nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.

David Chase, then at Olivetti Research, suggested several improvements.

Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the

code to save and print call stacks for leak detection on a SPARC.

Jesse Hull and John Ellis supplied the C++ interface code.

Zhong Shao performed much of the experimentation that led to the

current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

This package was debianized by Vladimir Prus <ghost@cs.msu.su> on

Wed, 17 July 2002, 19:27:00 +0400.

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```
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```

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```
/*
 *
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 * LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
 *
 */
```

```
#include "licence_info.hpp"
#include "bcp_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <stdexcept>
#include <boost/lexical_cast.hpp>
#include <boost/filesystem/operations.hpp>
#include <boost/throw_exception.hpp>

//
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split_path
{
    const fs::path& root;
    const fs::path& file;
```

```

split_path(const fs::path& r, const fs::path& f)
    : root(r), file(f){}
private:
    split_path& operator=(const split_path&);
};

std::ostream& operator << (std::ostream& os, const split_path& p)
{
    os << "<a href=\"\" << (p.root / p.file).string() << "\">" << p.file.string() << "</a>";
    return os;
}

std::string make_link_target(const std::string& s)
{
    // convert an arbitrary string into something suitable
    // for an <a> name:
    std::string result;
    for(unsigned i = 0; i < s.size(); ++i)
    {
        result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
    }
    return result;
}

void bcp_implementation::output_license_info()
{
    std::pair<const license_info*, int> licenses = get_licenses();

    std::map<int, license_data>::const_iterator i, j;
    i = m_license_data.begin();
    j = m_license_data.end();

    std::ofstream os(m_dest_path.string().c_str());
    if(!os)
    {
        std::string msg("Error opening ");
        msg += m_dest_path.string();
        msg += " for output.";
        std::runtime_error e(msg);
        boost::throw_exception(e);
    }
    os <<
        "<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.0 Transitional//EN\">\n"
        "<html>\n"
        "<head>\n"
        "<title>Boost Licence Dependency Information";
    if(m_module_list.size() == 1)

```

```

{
  os << " for " << *(m_module_list.begin());
}
os <<
  "</title>\n"
  "</head>\n"
  "<body>\n"
  "<H1>Boost Licence Dependency Information";
if(m_module_list.size() == 1)
{
  os << " for " << *(m_module_list.begin());
}
os <<
  "</H1>\n"
  "<H2>Contents</h2>\n"
  "<pre><a href=\"#input\">Input Information</a>\n";
if(!m_bsl_summary_mode)
  os << "<a href=\"#summary\">Licence Summary</a>\n";
os << "<a href=\"#details\">Licence Details</a>\n";

while(i != j)
{
  // title:
  os << " <A href=\"#\" << make_link_target(licenses.first[i->first].license_name)
    << "\>" << licenses.first[i->first].license_name << "</a>\n";
  ++i;
}

os << "<a href=\"#files\">Files with no recognised license</a>\n"
  "<a href=\"#authors\">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode)
{
  os <<
    "Moving to the Boost Software License...\n"
    " <a href=\"#bsl-converted\">Files that can be automatically converted to the Boost Software License</a>\n"
    " <a href=\"#to-bsl\">Files that can be manually converted to the Boost Software License</a>\n"
    " <a href=\"#not-to-bsl\">Files that can <b>NOT</b> be moved to the Boost Software License</a>\n"
    " <a href=\"#need-bsl-authors\">Authors we need to move to the Boost Software License</a>\n"
    "<a href=\"#copyright\">Copyright Holder Information</a>\n";
}
os <<
  "<a href=\"#depend\">File Dependency Information</a>\n"
  "</pre>";

//
// input Information:
//
os << "<a name=\"input\"></a><h2>Input Information</h2>\n";

```

```

if(m_scan_mode)
    os << "<P>The following files were scanned for boost dependencies:<BR>";
else
    os << "<P>The following Boost modules were checked:<BR>";

std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
    os << *si << "<BR>";
    ++si;
}
os << "</p><p>The Boost path was: <code>" << m_boost_path.string() << "</code></P>";
//
// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):
//
fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex(
    "^[[[:blank:]]*#[[:blank:]]*define[[[:blank:]]+BOOST_VERSION[[[:blank:]]+](\\d+)");
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex)
{
    int version = boost::lexical_cast<int>(what.str(1));
    os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 1000 << "." << version % 100
<< "</P>\n";
}

//
// output each license:
//
i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
    //
    // start with the summary:
    //
    os << "<a name=\"summary\"></a><h2>Licence Summary</h2>\n";
    while(i != j)
    {
        // title:
        os <<
            "<H3>" << licenses.first[i->first].license_name << "</H3>\n";
        // license text:
        os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
        // Copyright holders:

```

```

os << "<P>This license is used by " << i->second.authors.size()
  << " authors and " << i->second.files.size()
  << " files <a href=\"#" << make_link_target(licenses.first[i->first].license_name) << "\">(see details)</a>";
os << "</P></BLOCKQUOTE>\n";
++i;
}
}
//
// and now the details:
//
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;
os << "<a name=\"details\"></a><h2>Licence Details</h2>\n";
while(i != j)
{
  // title:
  os <<
    "<H3><A name=\"" << make_link_target(licenses.first[i->first].license_name)
    << "\"></a>" << licenses.first[i->first].license_name << "</H3>\n";
  // license text:
  os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
  if(!m_bsl_summary_mode || (license_index >= 3))
  {
    // Copyright holders:
    os << "<P>This license is used by the following " << i->second.authors.size() << " copyright
holders:</P>\n<BLOCKQUOTE><P>";
    std::set<std::string>::const_iterator x, y;
    x = i->second.authors.begin();
    y = i->second.authors.end();
    while(x != y)
    {
      os << *x << "<BR>\n";
      ++x;
    }
    os << "</P></BLOCKQUOTE>\n";
    // Files using this license:
    os << "<P>This license applies to the following " << i->second.files.size() << "
files:</P>\n<BLOCKQUOTE><P>";
    std::set<fs::path, path_less>::const_iterator m, n;
    m = i->second.files.begin();
    n = i->second.files.end();
    while(m != n)
    {
      os << split_path(m_boost_path, *m) << "<br>\n";
      ++m;
    }
    os << "</P></BLOCKQUOTE>\n";
  }
}

```

```

}
else
{
    os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
    os << "<P>This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P>\n";
}
++license_index;
++i;
}
//
// Output list of files not found to be under license control:
//
os << "<h2><a name=\"files\"></a>Files With No Recognisable Licence</h2>\n"
    "<P>The following " << m_unknown_licenses.size() << " files had no recognisable license
information:</P><BLOCKQUOTE><P>\n";
std::set<fs::path, path_less>::const_iterator i2, j2;
i2 = m_unknown_licenses.begin();
j2 = m_unknown_licenses.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
//
// Output list of files with no found copyright holder:
//
os << "<h2><a name=\"authors\"></a>Files With No Recognisable Copyright Holder</h2>\n"
    "<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright
holder:</P>\n<BLOCKQUOTE><P>";
i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
if(!m_bsl_summary_mode)
{
    //
    // Output list of files that have been moved over to the Boost
    // Software License, along with enough information for human
    // verification.
    //
    os << "<h2><a name=\"bsl-converted\"></a>Files that can be automatically converted to the Boost Software
License</h2>\n"
        << "<P>The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost

```

Software License, but require manual verification before they can be committed to CVS:</P>\n";

```
if (!m_converted_to_bsl.empty())
{
    typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
        ::const_iterator conv_iterator;
    conv_iterator i = m_converted_to_bsl.begin(),
        ie = m_converted_to_bsl.end();
    int file_num = 1;
    while (i != ie)
    {
        os << "<P>[" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first)
            << "</tt><br>\n<table border='1'\n <tr>\n  <td><pre>"
            << i->second.first << "</pre></td>\n  <td><pre>"
            << i->second.second << "</pre></td>\n </tr>\n</table>\n";
        ++i;
        ++file_num;
    }
}
//
// Output list of files that could be moved over to the Boost Software License
//
os << "<h2><a name='to-bsl'\n">Files that could be converted to the Boost Software License</h2>\n"
"<P>The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost
Software License, but have not yet been:</P>\n<BLOCKQUOTE><P>";
```

```
i2 = m_can_migrate_to_bsl.begin();
j2 = m_can_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
//
// Output list of files that can not be moved over to the Boost Software License
//
os << "<h2><a name='not-to-bsl'\n">Files that can NOT be converted to the Boost Software
License</h2>\n"
```

"<P>The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software License because we need the permission of more authors:</P>\n<BLOCKQUOTE><P>";

```
i2 = m_cannot_migrate_to_bsl.begin();
j2 = m_cannot_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
//
```



```

// Output list of authors that we need permission for to move to the BSL
//
os << "<h2><a name=\"need-bsl-authors\"></a>Authors we need for the BSL</h2>\n"
    "<P>Permission of the following authors is needed before we can convert to the Boost Software License. The
list of authors that have given their permission is contained in <code>more/blanket-
permission.txt</code>.</P>\n<BLOCKQUOTE><P>";
    std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
        std::ostream_iterator<std::string>(os, "<br>\n"));
os << "</p></BLOCKQUOTE>";
//
// output a table of copyright information:
//
os << "<H2><a name=\"copyright\"></a>Copyright Holder Information</H2><table border=\"1\">\n";
std::map<std::string, std::set<fs::path, path_less> >::const_iterator ad, ead;
ad = m_author_data.begin();
ead = m_author_data.end();
while(ad != ead)
{
    os << "<tr><td>" << ad->first << "</td><td>";
    std::set<fs::path, path_less>::const_iterator fi, efi;
    fi = ad->second.begin();
    efi = ad->second.end();
    while(fi != efi)
    {
        os << split_path(m_boost_path, *fi) << " ";
        ++fi;
    }
    os << "</td></tr>\n";
    ++ad;
}
os << "</table>\n";
}

//
// output file dependency information:
//
os << "<H2><a name=\"depend\"></a>File Dependency Information</H2><BLOCKQUOTE><pre>\n";
std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = m_copy_paths.begin();
efi = m_copy_paths.end();
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
    bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
    bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
    bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
}

```

```

bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
    ::const_iterator conv_iterator;
conv_iterator i = m_converted_to_bsl.begin(),
    ie = m_converted_to_bsl.end();
while(i != ie)
{
    bad_paths.insert(i->first);
    ++i;
}
fi = bad_paths.begin();
efi = bad_paths.end();
os << "<P>For brevity, only files not under the BSL are shown</P>\n";
}
while(fi != efi)
{
    os << split_path(m_boost_path, *fi);
    dep = m_dependencies.find(*fi);
    last_dep = m_dependencies.end();
    std::set<fs::path, path_less> seen_deps;
    if (dep != last_dep)
        while(true)
        {
            os << " -> ";
            if(fs::exists(m_boost_path / dep->second))
                os << split_path(m_boost_path, dep->second);
            else if(fs::exists(dep->second))
                os << split_path(fs::path(), dep->second);
            else
                os << dep->second.string();
            if(seen_deps.find(dep->second) != seen_deps.end())
            {
                os << " <I>(Circular dependency!)</I>";
                break; // circular dependency!!!
            }
            seen_deps.insert(dep->second);
            last_dep = dep;
            dep = m_dependencies.find(dep->second);
            if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
                break;
        }
    os << "\n";
    ++fi;
}
os << "</pre></BLOCKQUOTE>\n";

os << "</body></html>\n";

```

```

if(!os)
{
    std::string msg("Error writing to ");
    msg += m_dest_path.string();
    msg += ".";
    std::runtime_error e(msg);
    boost::throw_exception(e);
}
}

```

Index: boost/mpl/print.hpp

```

=====
-- boost/mpl/print.hpp (revision 83411)
+++ boost/mpl/print.hpp (working copy)
@@ -45,22 +45,21 @@
    : mpl::identity<T>
#if defined(__MWERKS__)
    , aux::print_base
-#endif
+#endif
{
#if defined(BOOST_MSVC)
    enum { n = sizeof(T) + -1 };
#elif defined(__MWERKS__)
    void f(int);
-#else
-    enum {
-        n =
-# if defined(__EDG_VERSION__)
-        aux::dependent_unsigned<T>::value > -1
-# else
-        sizeof(T) > -1
-# endif
-    };
-#endif
+elif defined(__EDG_VERSION__)
+    enum { n = aux::dependent_unsigned<T>::value > -1 };
+elif defined(BOOST_GCC)
+    enum { n1 };
+    enum { n2 };
+    enum { n = n1 != n2 };
+else
+    enum { n = sizeof(T) > -1 };
+endif
};

#if defined(BOOST_MSVC)

```

1.30 boost-program-options 1.53.0 :25.e17

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
xmlns:xi="http://www.w3.org/2001/XInclude">
  <title>Copyright Test</title>
  <articleinfo>
    <copyright>
      <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
    </copyright>
    <copyright>
      <year>2018</year> <holder>Joe Blow, John Coe</holder>
    </copyright>
    <copyright>
      <year>1977</year> <year>1985</year> <holder>Someone else</holder>
    </copyright>
  </articleinfo>
</article>
```

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dossier (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and

Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu(hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson(brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen(Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard(beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz(schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.) This package was debianized by Vladimir Prus <ghost@cs.msu.su> on Wed, 17 July 2002, 19:27:00 +0400.

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```
/+\
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```

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--- end ---

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1.31 bootstrap 3.3.7

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1.55 deltarpm 3.6 :3.e17

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1.56 dom4j 1.6.1

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1.9.0

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 */
```

```
package org.eclipse.gmf.runtime.emf.core.clipboard;  
import java.util.HashMap;  
import java.util.Map;  
  
import org.eclipse.emf.common.util.EList;  
import org.eclipse.emf.common.util.URI;  
import org.eclipse.emf.ecore.EObject;  
import org.eclipse.emf.ecore.EPackage.Registry;  
import org.eclipse.emf.ecore.resource.Resource;  
import org.eclipse.emf.ecore.resource.ResourceSet;  
import org.eclipse.emf.ecore.resource.URICConverter;  
import org.eclipse.emf.ecore.resource.impl.ResourceSetImpl;  
  
import org.eclipse.gmf.runtime.common.core.util.Trace;  
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCoreDebugOptions;  
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCorePlugin;  
  
/**  
 * @author Yasser Lulu  
 */  
public class CopyingResourceSet  
    extends ResourceSetImpl {  
  
    private ResourceSetImpl mslResourceSet;  
  
    private Map resourcesMap;
```

```

/**
 *
 */
public CopyingResourceSet(ResourceSet resourceSet) {
    mslResourceSet = (ResourceSetImpl) resourceSet;
    resourcesMap = new HashMap();
    setURIResourceMap(new HashMap());
}

public Map getResourcesMap() {
    return resourcesMap;
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.ResourceSet#getEObject(org.eclipse.emf.common.util.URI, boolean)
 */
public EObject getEObject(URI uri, boolean loadOnDemand) {
    EObject eObject = mslResourceSet.getEObject(uri, loadOnDemand);
    if (eObject == null) {
        return super.getEObject(uri, loadOnDemand);
    }
    return eObject;
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.ResourceSet#getResource(org.eclipse.emf.common.util.URI, boolean)
 */
public Resource getResource(URI uri, boolean loadOnDemand) {
    Resource resource = mslResourceSet.getResource(uri, loadOnDemand);
    if (resource == null) {
        return super.getResource(uri, loadOnDemand);
    }
    return resource;
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getURIResourceMap()
 */
public Map getURIResourceMap() {
    return mslResourceSet.getURIResourceMap();
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#createResource(org.eclipse.emf.common.util.URI)

```

```

*/
public Resource createResource(URI uri) {
    throwUnsupportedOperationException("createResource", //$NON-NLS-1$
        new UnsupportedOperationException(
            "Can't create resources on MSLCopyingResourceSet")); //$NON-NLS-1$
    return null;
}

/* (non-Javadoc)
 * @see org.eclipse.emf.common.notify.impl.BasicNotifierImpl#eNotificationRequired()
 */
public boolean eNotificationRequired() {
    return false;
}

private void throwUnsupportedOperationException(String methodName,
    UnsupportedOperationException ex) {
    Trace.throwing(EMFCorePlugin.getDefault(),
        EMFCoreDebugOptions.EXCEPTIONS_THROWING, getClass(), methodName, ex);
    throw ex;
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getAdapterFactory()
 */
public EList getAdapterFactory() {
    return mslResourceSet.getAdapterFactory();
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getLoadOptions()
 */
public Map getLoadOptions() {
    return mslResourceSet.getLoadOptions();
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getPackageRegistry()
 */
public Registry getPackageRegistry() {
    return mslResourceSet.getPackageRegistry();
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getResourceFactoryRegistry()
 */
public org.eclipse.emf.ecore.resource.Resource.Factory.Registry getResourceFactoryRegistry() {
    return mslResourceSet.getResourceFactoryRegistry();
}

```

```

}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getURICConverter()
 */
public URICConverter getURICConverter() {
    return mslResourceSet.getURICConverter();
}
}

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 *****/

package org.eclipse.gmf.runtime.emf.core.clipboard;

import java.io.IOException;
import java.io.InputStream;
import java.util.Iterator;
import java.util.Map;

import org.eclipse.emf.common.util.EList;
import org.eclipse.emf.common.util.URI;
import org.eclipse.emf.ecore.EObject;
import org.eclipse.emf.ecore.EStructuralFeature;
import org.eclipse.emf.ecore.InternalEObject;
import org.eclipse.emf.ecore.resource.Resource;
import org.eclipse.emf.ecore.resource.ResourceSet;
import org.eclipse.emf.ecore.util.EcoreUtil;
import org.eclipse.emf.ecore.util.InternalEList;
import org.eclipse.emf.ecore.xmi.XMLHelper;
import org.eclipse.emf.ecore.xmi.XMLLoad;
import org.eclipse.emf.ecore.xmi.XMLResource;
import org.eclipse.emf.ecore.xmi.XMLSave;
import org.eclipse.emf.ecore.xmi.impl.XMIHelperImpl;
import org.eclipse.emf.ecore.xmi.impl.XMIResourceImpl;
import org.eclipse.emf.ecore.xmi.impl.XMISaveImpl;
import org.eclipse.gmf.runtime.common.core.util.Trace;
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCoreDebugOptions;
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCorePlugin;
import org.eclipse.gmf.runtime.emf.core.internal.util.EMFCoreConstants;

```



```

/**
 * @author Yasser Lulu
 */
public class CopyingResource
extends XMIRResourceImpl {

    private XMLResource xmlResource;

    private CopyingResourceSet copyingResourceSet;

    public CopyingResource(XMLResource resource, URI uri,
        CopyingResourceSet copyingResourceSet) {
        this(resource, uri, copyingResourceSet, true);
    }

    public CopyingResource(XMLResource resource, URI uri,
        CopyingResourceSet copyingResourceSet, boolean regenerateIds) {
        super(uri);
        this.xmlResource = resource;
        this.copyingResourceSet = copyingResourceSet;
        setEncoding(resource.getEncoding());
        //needed to allow calls to unload() to proceed
        setLoaded(true);
        getDefaultSaveOptions().putAll(resource.getDefaultSaveOptions());
        copyingResourceSet.getResources().add(this);
        copyingResourceSet.getResourcesMap().put(resource, this);
        if (regenerateIds) {
            createNewIDs();
        } else {
            copyIDs();
        }
    }

    /**
     *
     */
    private void createNewIDs() {
        // OK to get all contents because we have to copy
        // the entire model content of this resource
        Iterator it = getXMLResource().getAllContents();
        while (it.hasNext()) {
            setID((EObject) it.next(), EcoreUtil.generateUUID());
        }
    }

    protected XMLLoad createXMLLoad() {
        throw UnsupportedOperationException("createXMLLoad", //$NON-NLS-1$
            new UnsupportedOperationException(

```

```

    "Can't call load on CopyingResource resource")); //$NON-NLS-1$
return null;
}

protected XMLHelper createXMLHelper() {
return new CopyingHelper(this);
}

protected void unloaded(InternalEObject internalEObject) {
//disable parent
}

/**
 * @see org.eclipse.emf.common.notify.impl.NotifierImpl#eNotificationRequired()
 */
public boolean eNotificationRequired() {
return false;
}

private void throwUnsupportedOperationException(String methodName,
    UnsupportedOperationException ex) {
Trace.throwing(EMFCorePlugin.getDefault(),
    EMFCoreDebugOptions.EXCEPTIONS_THROWING, getClass(), methodName, ex);
throw ex;
}

/**
 * @return Returns the resourcesMap.
 */
private Map getResourcesMap() {
return getMslCopyingResourceSet().getResourcesMap();
}

public void doLoad(InputStream inputStream, Map options)
throws IOException {
throwUnsupportedOperationException("doLoad", //$NON-NLS-1$
new UnsupportedOperationException(
    "Can't call load on CopyingResource resource")); //$NON-NLS-1$
}

protected XMLSave createXMLSave() {
return new CopyingSave(createXMLHelper());
}

private boolean isInResource(EObject eObject) {
// in case of cross-resource containment, the 'EObject' may be in a
// different resource than xmlResource, though one of its containers
// may be

```

```

while (EObject != null) {
    if (((InternalEObject) eObject).eDirectResource() == getXMLResource()) {
        return true;
    }

    eObject = eObject.eContainer();
}

return false;
}

public EList getContents() {
    return getXMLResource().getContents();
}

/**
 * @see org.eclipse.emf.ecore.resource.impl.ResourceImpl#doUnload()
 */
protected void doUnload() {
    //disable parent's
}

public EObject getEObject(String uriFragment) {
    int index = uriFragment.indexOf('?');
    if (-1 != index) {
        uriFragment = uriFragment.substring(0, index);
    }
    return super.getEObject(uriFragment);
}

/**
 * Returns the object based on the fragment as an ID.
 */
protected EObject getEObjectByID(String id) {
    EObject eObj = getXMLResource().getEObject(id);
    if (eObj == null) {
        return super.getEObjectByID(id);
    }
    return eObj;
}

/**
 * @return Returns the CopyingResourceSet.
 */
public CopyingResourceSet getMslCopyingResourceSet() {
    return copyingResourceSet;
}

```

```

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.resource.impl.ResourceImpl#getResourceSet()
 */
public ResourceSet getResourceSet() {
    return getMslCopyingResourceSet();
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.resource.Resource.Internal#attached(org.eclipse.emf.ecore.EObject)
 */
public void attached(EObject eObject) {
    //disable
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.resource.Resource.Internal#detached(org.eclipse.emf.ecore.EObject)
 */
public void detached(EObject eObject) {
    //disable
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.xmi.XMLResource#getEObjectToExtensionMap()
 */
public Map getEObjectToExtensionMap() {
    return getXMLResource().getEObjectToExtensionMap();
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.resource.Resource#isTrackingModification()
 */
public boolean isTrackingModification() {
    return false;
}

private void copyIDs() {
    // OK to get all contents because we have to copy
    // the entire model content of this resource

```

```

XMLResource lastRes = null;

for (Iterator iter = getXMLResource().getAllContents(); iter.hasNext(); ) {
    InternalEObject eObject = (InternalEObject)iter.next();

    if (eObject.eDirectResource() != null) {
        // ensure that we only ask the resource that actually contains
        // an object for that object's ID
        lastRes = (XMLResource) eObject.eDirectResource();
    }

    getEObjectToIDMap().put(eObject, lastRes.getID(eObject));
    getIDToEObjectMap().put(lastRes.getID(eObject), eObject);
}

/**
 * Gets the XML resource that contains the model content to be copied.
 *
 * @return the XML resource
 */
protected XMLResource getXMLResource() {
    return xmlResource;
}

/**
 * Helper implementation for the CopyingResource.
 */
protected class CopyingHelper extends XMILHelperImpl {

    public CopyingHelper() {
        super();
    }

    public CopyingHelper(XMLResource resource) {
        super(resource);
    }

    /**
     * @see org.eclipse.emf.ecore.xmi.XMLHelper#deresolve(org.eclipse.emf.common.util.URI)
     */
    public URI deresolve(URI anUri) {

        // if this both target and container are within a platform resource and
        // projects
        // or plugins are different then do not deresolve.
        if (((EMFCoreConstants.PLATFORM_SCHEME.equals(anUri.scheme())) &&
            (EMFCoreConstants.PLATFORM_SCHEME

```

```

.equals(resourceURI.scheme()))
&& ((anUri.segmentCount() > 2) && (resourceURI.segmentCount() > 2))
&& ((!anUri.segments()[0].equals(resourceURI.segments()[0])) || (!anUri
.segments()[1].equals(resourceURI.segments()[1])))
return anUri;

return super.deresolve(anUri);
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.xmi.impl.XMLHelperImpl#getHREF(org.eclipse.emf.ecore.EObject)
 */
public String getHREF(EObject obj) {
EObject eObj = obj;

if (obj.eIsProxy()) {
eObj = EcoreUtil.resolve(obj, getXMLResource());
if (eObj == obj) {
// use super.getHREF() if we can't resolve the proxy
eObj = null;
}
}

if (eObj != null) {
Resource resource = eObj.eResource();
if (resource != null) {
URI objectURI = getHREF(resource, eObj);
objectURI = deresolve(objectURI);
return objectURI.toString();
}
}

return super.getHREF(obj);
}

protected URI getHREF(Resource otherResource, EObject obj) {
if (!(otherResource instanceof CopyingResource)) {
CopyingResource copyingResource = (CopyingResource) getResourcesMap()
.get(otherResource);
if (copyingResource != null) {
otherResource = copyingResource;
}
}

return super.getHREF(otherResource, obj);
}

```

```

};

/**
 * Save implementation for the CopyingResource.
 */
public class CopyingSave extends XMISaveImpl {

    public CopyingSave(XMLHelper helper) {
        super(helper);
    }

    public CopyingSave(Map options, XMLHelper helper, String encoding) {
        super(options, helper, encoding);
    }

    public CopyingSave(Map options, XMLHelper helper, String encoding,
        String xmlVersion) {
        super(options, helper, encoding, xmlVersion);
    }

    /**
     * @see org.eclipse.emf.ecore.xmi.impl.XMLSaveImpl#sameDocMany(org.eclipse.emf.ecore.EObject,
     * org.eclipse.emf.ecore.EStructuralFeature)
     */
    protected int sameDocMany(EObject o, EStructuralFeature f) {
        InternalEList values = (InternalEList) helper.getValue(o, f);
        if (values.isEmpty()) {
            return SKIP;
        }

        for (Iterator i = values.basicIterator(); i.hasNext();) {
            EObject value = (EObject) i.next();
            if (value.eIsProxy() || (isInResource(value) == false)) {
                return CROSS_DOC;
            }
        }

        return SAME_DOC;
    }

    /**
     * @see org.eclipse.emf.ecore.xmi.impl.XMLSaveImpl#sameDocSingle(org.eclipse.emf.ecore.EObject,
     * org.eclipse.emf.ecore.EStructuralFeature)
     */
    protected int sameDocSingle(EObject o, EStructuralFeature f) {
        EObject value = (EObject) helper.getValue(o, f);
        if (value == null) {
            return SKIP;
        }
    }
}

```

```

    } else if (value.eIsProxy()) {
    return CROSS_DOC;
    } else {
    return (isInResource(value)) ? SAME_DOC
    : CROSS_DOC;
    }
}

};
}

```

1.60 Eclipse Modeling Framework (EMF)

2.13.0

1.61 Eclipse OCL 1.3.0 :v200905271400

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*****/

```
package org.eclipse.equinox.p2.metadata;
```

```
import java.net.URI;
```

```
/**
```

```
* The <code>ILicense</code> interface represents a software license. A license has required body text  
* which may be the full text or an annotation. An optional URL field can be specified  
* which links to full text. Licenses can be easily compared using their digests.  
* Licenses can be added to arbitrary installable units, and will typically be displayed to  
* end users and require explicit agreement before installation proceeds.
```

```
* <p>
```

```
* Instances of this class are handle objects and do not necessarily  
* reflect entities that exist in any particular profile or repository. These handle  
* objects can be created using { @link MetadataFactory }.
```

```
* </p>
```

```
*
```

```
* @noimplement This interface is not intended to be implemented by clients.
```



```

* @noextend This interface is not intended to be extended by clients.
* @since 2.0
*/
public interface ILicense {

    /**
     * Returns the location of a document containing the full license.
     *
     * @return the location of the license document, or <code>null</code>
     */
    public URI getLocation();

    /**
     * Returns the license body.
     * @return the license body, never <code>null</code>
     */
    public String getBody();

    /**
     * Returns the message digest of the license body. The digest is calculated on a normalized
     * version of the license where all whitespace has been reduced to one space.
     *
     * @return the message digest as a <code>BigInteger</code>, never <code>null</code>
     */
    public String getUUID();

    /**
     * Returns whether this license is equal to the given object.
     *
     * This method returns <i>true</i> if:
     * <ul>
     * <li> Both this object and the given object are of type ILicense
     * <li> The result of <b>getDigest()</b> on both objects are equal
     * </ul>
     */
    public boolean equals(Object obj);

}

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*   EclipseSource - ongoing development

```

```
*****/
```

```
package org.eclipse.equinox.internal.p2.metadata;
```

```
import java.io.UnsupportedEncodingException;
```

```
import java.math.BigInteger;
```

```
import java.net.URI;
```

```
import java.security.MessageDigest;
```

```
import java.security.NoSuchAlgorithmException;
```

```
import org.eclipse.equinox.p2.metadata.ILicense;
```

```
/**
```

```
 * The License class represents a software license. A license has required body text
```

```
 * which may be the full text or an annotation. An optional URL field can be specified
```

```
 * which links to full text. Licenses can be easily compared using their digests.
```

```
*/
```

```
public class License implements ILicense {
```

```
/**
```

```
 * The body contains the descriptive text for the license. This may
```

```
 * be a summary for a full license specified in a URL.
```

```
*/
```

```
private final String body;
```

```
/**
```

```
 * The location is the URL of the license.
```

```
*/
```

```
private URI location;
```

```
/**
```

```
 * The digest is the cached message digest of the normalized body
```

```
*/
```

```
private String digest;
```

```
/**
```

```
 * Creates a new license object which is identified by users using the body field.
```

```
 * The body should contain either the full text of the license or an summary for a license
```

```
 * fully specified in the given location.
```

```
 *
```

```
 * @param location the location of a document containing the full license, or null
```

```
 * @param body the license body, cannot be null
```

```
 * @throws IllegalArgumentException when the body is null
```

```
*/
```

```
public License(URI location, String body, String uuid) {
```

```
if (body == null)
```

```
throw new IllegalArgumentException("body cannot be null"); //$NON-NLS-1$
```

```
this.body = body;
```

```
this.location = location;
```

```
this.digest = uuid;
```

```
}
```

```

/**
 * Returns the location of a document containing the full license.
 *
 * @return the location of the license document, or <code>null</code>
 */
public URI getLocation() {
    return location;
}

/**
 * Returns the license body.
 * @return the license body, never <code>null</code>
 */
public String getBody() {
    return body;
}

/**
 * Returns the message digest of the license body. The digest is calculated on a normalized
 * version of the license where all whitespace has been reduced to one space.
 * @return the message digest as a <code>BigInteger</code>, never <code>null</code>
 */
public synchronized String getUUID() {
    if (digest == null)
        digest = calculateLicenseDigest().toString(16);

    return digest;
}

/* (non-Javadoc)
 * @see java.lang.Object#equals(java.lang.Object)
 */
public boolean equals(Object obj) {
    if (obj == this)
        return true;
    if (obj == null)
        return false;
    if (obj instanceof ILicense) {
        ILicense other = (ILicense) obj;
        if (other.getUUID().equals(getUUID()))
            return true;
    }
    return false;
}

/* (non-Javadoc)
 * @see java.lang.Object#hashCode()

```

```

*/
public int hashCode() {
    return getUUID().hashCode();
}

private BigInteger calculateLicenseDigest() {
    String message = normalize(getBody());
    try {
        MessageDigest algorithm = MessageDigest.getInstance("MD5"); //$NON-NLS-1$
        algorithm.reset();
        algorithm.update(message.getBytes("UTF-8")); //$NON-NLS-1$
        byte[] digestBytes = algorithm.digest();
        return new BigInteger(1, digestBytes);
    } catch (NoSuchAlgorithmException e) {
        throw new RuntimeException(e);
    } catch (UnsupportedEncodingException e) {
        throw new RuntimeException(e);
    }
}

/**
 * Replace all sequences of whitespace with a single whitespace character.
 */
private String normalize(String license) {
    String text = license.trim();
    StringBuffer result = new StringBuffer();
    int length = text.length();
    for (int i = 0; i < length; i++) {
        char c = text.charAt(i);
        boolean foundWhitespace = false;
        while (Character.isWhitespace(c) && i < length) {
            foundWhitespace = true;
            c = text.charAt(++i);
        }
        if (foundWhitespace)
            result.append(' ');
        if (i < length)
            result.append(c);
    }
    return result.toString();
}

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```

```

*
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*****/
package org.eclipse.equinox.internal.p2.metadata;

import java.net.URI;
import org.eclipse.equinox.p2.metadata.ICopyright;

/**
 * The <code>Copyright</code> class represents a software copyright. A copyright has
 * required body text which may be the full text or a summary. An optional location field can be specified
 * which links to full text.
 */
public class Copyright implements ICopyright {
    /**
     * The <code>body</code> contains the descriptive text for the copyright. This may
     * be a summary for a copyright specified in a URL.
     */
    private final String body;

    /**
     * The <code>location</code> is the location of a document containing a copyright notice.
     */
    private URI location;

    /**
     * Creates a new copyright. The body must contain the full text of the copyright.
     *
     * @param location the location of a document containing the copyright notice, or <code>null</code>
     * @param body the copyright body, cannot be <code>null</code>
     * @throws IllegalArgumentException when the <code>body</code> is <code>null</code>
     */
    public Copyright(URI location, String body) {
        if (body == null)
            throw new IllegalArgumentException("body cannot be null"); //$NON-NLS-1$
        this.location = location;
        this.body = body;
    }

    /**
     * Returns the location of a document containing the copyright notice.
     *
     * @return The location of the copyright notice, or <code>null</code>
     */
    public URI getLocation() {
        return location;
    }
}

```

```

/**
 * Returns the license body.
 *
 * @return the license body, never <code>null</code>
 */
public String getBody() {
    return body;
}
}
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 * which accompanies this distribution, and is available at
 * http://www.eclipse.org/legal/epl-v10.html
 *
 * Contributors:
 *   IBM Corporation - initial API and implementation
 *****/
package org.eclipse.text.edits;

import org.eclipse.jface.text.BadLocationException;
import org.eclipse.jface.text.IDocument;

/**
 * A <code>CopyingRangeMarker</code> can be used to track positions when executing
 * text edits. Additionally a copying range marker stores a local copy of the
 * text it captures when it gets executed.
 *
 * @since 3.0
 */
public final class CopyingRangeMarker extends TextEdit {

    private String fText;

    /**
     * Creates a new <code>CopyRangeMarker</code> for the given
     * offset and length.
     *
     * @param offset the marker's offset
     * @param length the marker's length
     */
    public CopyingRangeMarker(int offset, int length) {
        super(offset, length);
    }
}
/*

```

```

* Copy constructor
*/
private CopyingRangeMarker(CopyingRangeMarker other) {
    super(other);
    fText= other.fText;
}

@Override
protected TextEdit doCopy() {
    return new CopyingRangeMarker(this);
}

@Override
protected void accept0(TextEditVisitor visitor) {
    boolean visitChildren= visitor.visit(this);
    if (visitChildren) {
        acceptChildren(visitor);
    }
}

@Override
int performDocumentUpdating(IDocument document) throws BadLocationException {
    fText= document.get(getOffset(), getLength());
    fDelta= 0;
    return fDelta;
}

@Override
boolean deleteChildren() {
    return false;
}
}

```

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1.63 ehcache-core 2.6.0

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1.64 error-prone-annotations 2.1.3

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      <option name="prefixLines" value="false" />
    </LanguageOptions>
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</component>
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1.65 felix-gogo-runtime 0.10.0

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41.589 26.888 83.692 78.277 83.692 32.657 0 56.843-19.039 65.726-27.225 5.27-4.857 13.596-4.039 17.82
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38.697 0 65.28-28.338 65.544-28.625 5.132-5.565 14.059-5.033 18.508 1.053i24.547 33.572a12.001 12.001 0 0 1-
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139.762-139.401 55.531 0 88.738 26.62 97.593 34.779a11.965 11.965 0 0 1 1.936 15.322i-18.155 28.113c-3.841
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41.589 26.888 83.692 78.277 83.692 32.657 0 56.843-19.039 65.726-27.225 5.27-4.857 13.596-4.039 17.82
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1.68 fontconfig 2.10.95 :11.e17

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1.69 fontpackages-filesystem 1.44 :8.e17

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1.71 GEF Draw2d 3.10.100

1.72 geronimo-specifications 1.4

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1.79 http-status-codes 1.3.0

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1.82 influxdb 1.4.2 :6d2685d

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1.83 j2objc-annotations 1.1

1.83.1 Available under license :

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">

<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
```

```
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">
```

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```
</head>
```

```
<body>
```

```
<!-- Navigation -->
```

```
<header>
```

```
<nav class="navbar navbar-default navbar-fixed-top">
```

```
<div class="container">
```

```
<div class="navbar-header">
```

```
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
```

```
<span class="sr-only">Toggle navigation</span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
</button>
```

```
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
```

```
</div>
```

```
<div class="collapse navbar-collapse" id="mainnav-collapse">
```

```
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&lt;a href="/licenses/">Licenses</a></div>
```

```
<ul class="nav navbar-nav navbar-right">
```

```
<li class="dropdown">
```

```
<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
```

```
<ul class="dropdown-menu" role="menu">
```

```
<li><a href="/foundation">Overview</a></li>
```

```
<li><a href="/foundation/members.html">Members</a></li>
```

```
<li><a href="/foundation/how-it-works.html">Process</a></li>
```

```
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
```

```
<li><a href="/foundation/glossary.html">Glossary</a></li>
```

```
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
```

```
<li><a href="/foundation/contact.html ">Contact</a></li>
```

```
</ul>
```

```
</li>
```

```
<li><a href="/index.html#projects-list">Projects</a></li>
```

```
<li class="dropdown">
```

```
<a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
```



```

    <ul class="dropdown-menu" role="menu">
    <li><a href="http://people.apache.org/">Overview</a></li>
    <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
    <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
    <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
    <li><a href="http://planet.apache.org/">Planet Apache</a></li>
    </ul>
    </li>
    <li class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
    <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
    </ul>
    </li>
    <li><a href="/dyn/closer.cgi">Download</a></li>
    <li class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
    <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
    </ul>
    </li>
    </ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
    <div class="col-md-6 col-sm-5 col-xs-12">
    
    </div>
    <div class="col-md-3 col-sm-3 col-xs-6">
    <a href="http://apache.org/foundation/contributing.html" title="Support Apache">
    
    </a>
    </div>
    <div class="col-md-3 col-sm-4 col-xs-6">
    <div class="input-group" style="margin-bottom: 5px;">

```

```

<script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();
</script>
<gcse:searchbox-only></gcse:searchbox-only>
</div>
<a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
<a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
<a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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</pre></div></div>

<!-- Footer -->

<footer class="bg-primary">

<div class="container">

<div class="row">

<div class="col-sm-1">

</div>

<div class="col-sm-2">

<h5 class="white">Community</h5>

<ul class="list-unstyled white" role="menu">

Overview

Conferences

Summer of Code

Getting Started

The Apache Way

Travel Assistance

Get Involved

Community FAQ

Memorials

</div>

<div class="col-sm-2">

<h5 class="white">Innovation</h5>

<ul class="list-unstyled white" role="menu">

Incubator

Labs

```
<li><a href="/licenses/">Licensing</a></li>
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/dev/">Developer Information</a></li>
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
<li><a href="/security/">Security</a></li>
<li><a href="http://status.apache.org">Status</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Press</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/press/">Overview</a></li>
<li><a href="https://blogs.apache.org/">ASF News</a></li>
<li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
<li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
<li><a href="/press/#contact">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/records/">Public Records</a></li>
<li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>
```

```
<div class="col-sm-1">
</div>
```

```
</div>
<hr class="col-lg-12 hr-white" />
```

```

<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright &#169; 2017 The Apache Software Foundation, Licensed under the <a
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    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
  </div>
</div>
</div>
</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

```

1.84 jackson-annotations 2.4.3

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1.88 jackson-core 2.4.6

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1.103 jQuery 1.12.1

1.104 JQuery-ui-dist 1.12.1

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1.105 json-path 2.1.0

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1.106 json-smart 2.3

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1.107 jsr-305 3.0.2

1.108 LALR Parser Generator 1.1.0 :1.1.0

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xmlns:w="urn:schemas-microsoft-com:office:word"

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mso-footer-margin:.5in;
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1.111 libsodium 1.0.16 :1.e17

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1.112 libXfont 1.5.2 :1.e17

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written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.

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1.113 libxml2 2.9.1 :6.el7_2.3

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1.114 libyaml 0.1.4 :11.el7_0

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1.116 log4j-over-slf4j 1.7.13

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1.117 Isof 4.87 :5.el7

1.118 Lsyncd - Live Syncing Daemon 2.1.5

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Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

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Upstream-Contact: <http://bugs.mysql.com/>

Source: <http://dev.mysql.com/downloads/mysql/5.6.html>

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dbug/example3.c
dbug/factorial.c
dbug/main.c
dbug/my_main.c
dbug/remove_function_from_trace.pl
dbug/tests.c
dbug/tests-t.pl
extra/yassl/src/dummy.cpp
include/probes_mysql_nodtrace.h
libmysqld/resource.h
mysql-test/*
regex/*
sql-bench/graph-compare-results.sh
storage/ndb/bin/*
storage/ndb/demos/*
support-files/binary-configure.sh
support-files/my-huge.cnf.sh
support-files/my-innodb-heavy-4G.cnf.sh
support-files/my-large.cnf.sh
support-files/my-medium.cnf.sh
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client/echo.c
client/get_password.c
cmake/*
dbug/dbug_add_tags.pl
extra/*
include/*
libmysql/*
libmysqld/*
libservices/*
mysql-test/include/have_perfschema.inc
mysql-test/include/have_perfschema.inc
mysql-test/lib/mtr_cases.pm
mysql-test/lib/mtr_gcov.pl
mysql-test/lib/mtr_gprof.pl
mysql-test/lib/mtr_io.pl
mysql-test/lib/mtr_match.pm
mysql-test/lib/mtr_misc.pl
mysql-test/lib/mtr_process.pl
mysql-test/lib/mtr_report.pm
mysql-test/lib/mtr_results.pm
mysql-test/lib/mtr_stress.pl
mysql-test/lib/mtr_unique.pm
mysql-test/lib/My/ConfigFactory.pm
mysql-test/lib/My/Config.pm
mysql-test/lib/My/CoreDump.pm
mysql-test/lib/My/File/*
mysql-test/lib/My/Find.pm
mysql-test/lib/My/Handles.pm
mysql-test/lib/My/Options.pm
mysql-test/lib/My/Platform.pm
mysql-test/lib/My/SafeProcess/Base.pm
mysql-test/lib/My/SafeProcess.pm
mysql-test/lib/My/SafeProcess/safe_kill_win.cc
mysql-test/lib/My/SafeProcess/safe_process.cc
mysql-test/lib/My/SafeProcess/safe_process.pl
mysql-test/lib/My/SafeProcess/safe_process_win.cc
mysql-test/lib/My/SysInfo.pm
mysql-test/lib/My/Test.pm
mysql-test/lib/t/*
mysql-test/lib/v1/mtr_cases.pl
mysql-test/lib/v1/mtr_gcov.pl
mysql-test/lib/v1/mtr_gprof.pl
mysql-test/lib/v1/mtr_im.pl
mysql-test/lib/v1/mtr_io.pl

mysql-test/lib/v1/mtr_match.pl
mysql-test/lib/v1/mtr_misc.pl
mysql-test/lib/v1/mtr_process.pl
mysql-test/lib/v1/mtr_report.pl
mysql-test/lib/v1/mtr_stress.pl
mysql-test/lib/v1/mtr_timer.pl
mysql-test/lib/v1/mtr_unique.pl
mysql-test/lib/v1/My/*
mysql-test/lib/v1/My/*
mysql-test/lib/v1/mysql-test-run.pl
mysql-test/mysql-stress-test.pl
mysql-test/mysql-test-run.pl
mysql-test/std_data/*
mysql-test/suite/perfschema/include/*
mysql-test/suite/perfschema_stress/include/*
mysql-test/suite/perfschema_stress/include/*
mysys/*
packaging/WiX/ca/*
plugin/audit_null/*
plugin/auth/*
plugin/daemon_example/*
plugin/fulltext/*
plugin/semisync/semisync_slave.cc
plugin/semisync/semisync_slave.h
scripts/*
sql/*
sql-common/*
storage/*
strings/*
support-files/config.huge.ini.sh
support-files/config.medium.ini.sh
support-files/config.small.ini.sh
support-files/MacOSX/Description.plist.sh
support-files/MacOSX/Info.plist.sh
support-files/MacOSX/StartupParameters.plist.sh
support-files/MySQL-shared-compat.spec.sh
support-files/mysql.spec.sh
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scripts/mysqlaccess.sh

scripts/mysql_fix_extensions.sh

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sql-bench/*

storage/myisam/ftbench/ft-test-run.sh

storage/myisam/mi_test_all.sh
storage/ndb/test/run-test/atrt-analyze-result.sh
storage/ndb/test/run-test/atrt-clear-result.sh
storage/ndb/test/run-test/atrt-gather-result.sh
storage/ndb/test/run-test/atrt-setup.sh
storage/ndb/test/run-test/make-config.sh
storage/ndb/test/run-test/make-html-reports.sh
storage/ndb/test/run-test/make-index.sh
storage/ndb/test/run-test/ndb-autotest.sh
strings/strxmov.c
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sql-bench/innotest1a.sh
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Also see the ChangeLog for even more people who have helped over the years by submitting fixes, patches and reporting bugs.

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- * Enrico Schnepel <enrico.schnepel@randomice.net> - help event listener bug 326285

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1.128 net-tools 2.0 :0.22.20131004git.el7

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1.129 nimbus-jose-jwt 5.1

1.130 node-ip 1.1.5

1.131 okhttp 3.9.1

1.132 openpgm 5.2.122

1.132.1 Available under license :

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1.133 org.apache.felix.gogo.command

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1.134 org.apache.servicemix.bundles.okhttp

3.9.1.2

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1.136 org.apache.servicemix.bundles.retrofit

2.3.0.1

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*/

1.138

org.eclipse.equinox.launcher.win32.win32.x86_64 1.1.550 :v20170928-1359

1.139 pagedown 1.1.0

1.139.1 Available under license :

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1.140 pciutils 3.5.1 :3.el7

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1.141 perl 5.16.3 :292.e17

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```
From f5488561bdaab57380bf07e8e66778503a41aca3 Mon Sep 17 00:00:00 2001
From: Father Chrysostomos <sprout@cpan.org>
Date: Sun, 23 Sep 2012 12:42:15 -0700
Subject: [PATCH] =?UTF-8?q?Don=E2=80=99t=20leak=20if=20hh=20copying=20dies?=
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit
```

When `%^H` is copied on entering a new scope, if it happens to have been tied it can die. This was resulting in leaks, because no protections were added to handle that case.

The two things that were leaking were the new hash in `hv_copy_hints_hv` and the new value (for an element) in `newSVsv`.

By fixing `newSVsv` itself, this also fixes any potential leaks when other pieces of code call `newSVsv` on explosive values.

Petr Pizar: Ported to 5.16.3

```
hv.c      | 6 ++++++
sv.c      | 7 +++++-
t/op/svleak.t | 22 +++++++++++++++++++++++++++++++++++++-
```

3 files changed, 31 insertions(+), 4 deletions(-)

```
diff --git a/hv.c b/hv.c
index 3c35341..29d6352 100644
--- a/hv.c
+++ b/hv.c
@@ -1440,6 +1440,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
const I32 riter = HvRITER_get(ohv);
HE * const eiter = HveITER_get(ohv);

+ ENTER;
+ SAVEFREESV(hv);
+
while (hv_max && hv_max + 1 >= hv_fill * 2)
    hv_max = hv_max / 2;
HvMAX(hv) = hv_max;
@@ -1461,6 +1464,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
}
HvRITER_set(ohv, riter);
HveITER_set(ohv, eiter);
+
+ SvREFCNT_inc_simple_void_NN(hv);
+ LEAVE;
}
hv_magic(hv, NULL, PERL_MAGIC_hints);
return hv;
diff --git a/sv.c b/sv.c
index a43feac..597d71b 100644
--- a/sv.c
+++ b/sv.c
@@ -8764,11 +8764,12 @@ Perl_newSVsv(pTHX_ register SV *const old)
Perl_ck_warner_d(aTHX_ packWARN(WARN_INTERNAL), "semi-panic: attempt to dup freed string");
return NULL;
}
+ /* Do this here, otherwise we leak the new SV if this croaks. */
+ SvGETMAGIC(old);
new_SV(sv);
- /* SV_GMAGIC is the default for sv_setv()
- SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games
+ /* SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games
with SvTEMP_off and SvTEMP_on round a call to sv_setsv. */
- sv_setsv_flags(sv, old, SV_GMAGIC | SV_NOSTEAL);
+ sv_setsv_flags(sv, old, SV_NOSTEAL);
return sv;
}

diff --git a/t/op/svleak.t b/t/op/svleak.t
index 2f09af3..011c184 100644
```

```

--- a/t/op/svleak.t
+++ b/t/op/svleak.t
@@ -13,7 +13,7 @@ BEGIN {
    or skip_all("XS::APItest not available");
}

-plan tests => 23;
+plan tests => 24;

# run some code N times. If the number of SVs at the end of loop N is
# greater than (N-1)*delta at the end of loop 1, we've got a leak
@@ -176,3 +176,23 @@ leak(2, 0, sub {
    each %$h;
    undef $h;
}, 'tied hash iteration does not leak');
+
+# [perl #107000]
+package hhtie {
+  sub TIEHASH { bless [] }
+  sub STORE   { $_[0][0]{$_[1]} = $_[2] }
+  sub FETCH   { die if $explosive; $_[0][0]{$_[1]} }
+  sub FIRSTKEY { keys %{$_[0][0]}; each %{$_[0][0]} }
+  sub NEXTKEY  { each %{$_[0][0]} }
+}
+leak(2,!!$Config{mad}, sub {
+  eval q`
+  BEGIN {
+    $hhtie::explosive = 0;
+    tie %^H, hhtie;
+    $^H{foo} = bar;
+    $hhtie::explosive = 1;
+  }
+  { 1; }
+  `;
+}, 'hint-hash copying does not leak');
--

```

1.8.1.4

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Version 1, February 1989

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<signature of Ty Coon>, 1 April 1989
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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify  
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the Free Software Foundation; either version 1, or (at your option)  
any later version.
```

```
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MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
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```

```
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```

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Julian Seward, jseward@bzip.org
 bzip2/libbzip2 version 1.0.6 of 6 September 2010

```

-----
use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

#-----#
# Create test distribution
#-----#

{
  my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl'
  );

  $dist->regen;
  $dist->chdir_in;

  my $mb = $dist->new_from_context();

```



```

isa_ok( $mb, "Module::Build" );
is( $mb->license, 'perl',
    "license 'perl' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'perl', "META license will be 'perl'" );
is( $meta->{resources}{license}, "http://dev.perl.org/licenses/",
    "META license URL is correct"
);

}

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare',
    "license 'VaporWare' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted'" );
is( $meta->{resources}{license}, "http://example.com/vaporware/",
    "META license URL is correct"
);

}

# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
This module is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
---
abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-

```

build@perl.org>."
build_requires:
File::Temp: 0.15
Test::Harness: 3.16
Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
url: <http://module-build.sourceforge.net/META-spec-v1.4.html>
version: 1.4
name: Module-Build
resources:
MailingList: <mailto:module-build@perl.org>
license: <http://dev.perl.org/licenses/>
repository: <http://github.com/dagolden/module-build/>
version: 3

1.142 perl-Carp 1.26 :244.el7

1.142.1 Available under license :

From RPM File Metadata:GPL+ or Artistic

1.143 perl-constant 1.27 :2.el7

1.143.1 Available under license :

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1.144 perl-Data-Dumper 2.145 :3.el7

1.144.1 Available under license :

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1.145 perl-Encode 2.51 :7.el7

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1.146 perl-Exporter 5.68 :3.el7

1.146.1 Available under license :

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1.147 perl-File-Path 2.09 :2.el7

1.147.1 Available under license :

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1.148 perl-File-Temp 0.23.01 :3.el7

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```
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under certain conditions; type `show c' for details.
```

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```
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program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
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```


at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
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<one line to give the program's name and a brief idea of what it does.>

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```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."
build_requires:
File::Temp: 0.15
Test::Harness: 3.16
Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
url: <http://module-build.sourceforge.net/META-spec-v1.4.html>
version: 1.4
name: Module-Build
resources:
MailingList: <mailto:module-build@perl.org>
license: <http://dev.perl.org/licenses/>

```

repository: http://github.com/dagolden/module-build/
version: 3
use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

#-----#
# Create test distribution
#-----#

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'perl',
    "license 'perl' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'perl', "META license will be 'perl'" );
is( $meta->{resources}{license}, "http://dev.perl.org/licenses/",
    "META license URL is correct"
);

}

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
);

```

```

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare',
    "license 'VaporWare' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted'" );
is( $meta->{resources}{license}, "http://example.com/vaporware/",
    "META license URL is correct"
);

}

```

Test with alpha number

vim:ts=2:sw=2:et:sta:sts=2

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```

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```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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```
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program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

That's all there is to it!

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1.155 perl-Pod-Perldoc 3.20 :4.el7

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1.156 perl-Pod-Simple 3.28 :4.el7

1.156.1 Available under license :

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1.157 perl-Pod-Usage 1.63 :3.el7

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1.159 perl-Scalar-List-Utills 1.27 :248.el7

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1.160 perl-Socket 2.010 :4.e17

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```
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```
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```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program 'Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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1.161 perl-Storable 2.45 :3.e17

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1.162 perl-Text-ParseWords 3.29 :4.e17

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.
```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

That's all there is to it!

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The End

1.167 prototype.js 1.7

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/* Prototype JavaScript framework, version 1.7

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1.168 python-babel 0.9.6 :8.el7

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1.169 python-backports 1.0 :8.el7

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1.170 python-backports-ssl_match_hostname

3.5.0.1 :1.el7

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1.171 python-chardet 2.2.1 :1.el7_1

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Version 2.1, February 1999

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END OF TERMS AND CONDITIONS

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the

"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.172 python-crypto 2.6.1 :15.e17

1.172.1 Available under license :

Copyright and licensing of the Python Cryptography Toolkit ("PyCrypto"):

~~~~~

Previously, the copyright and/or licensing status of the Python Cryptography Toolkit ("PyCrypto") had been somewhat ambiguous. The original intention of Andrew M. Kuchling and other contributors has been to dedicate PyCrypto to the public domain, but that intention was not necessarily made clear in the original disclaimer (see LEGAL/copy/LICENSE.orig).

Additionally, some files within PyCrypto had specified their own

licenses that differed from the PyCrypto license itself. For example, the original RIPEMD.c module simply had a copyright statement and warranty disclaimer, without clearly specifying any license terms. (An updated version on the author's website came with a license that contained a GPL-incompatible advertising clause.)

To rectify this situation for PyCrypto 2.1, the following steps have been taken:

1. Obtaining explicit permission from the original contributors to dedicate their contributions to the public domain if they have not already done so. (See the "LEGAL/copy/stmts" directory for contributors' statements.)
2. Replacing some modules with clearly-licensed code from other sources (e.g. the DES and DES3 modules were replaced with new ones based on Tom St. Denis's public-domain LibTomCrypt library.)
3. Replacing some modules with code written from scratch (e.g. the RIPEMD and Blowfish modules were re-implemented from their respective algorithm specifications without reference to the old implementations).
4. Removing some modules altogether without replacing them.

To the best of our knowledge, with the exceptions noted below or within the files themselves, the files that constitute PyCrypto are in the public domain. Most are distributed with the following notice:

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever.  
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Exception:

- Portions of HMAC.py and setup.py are derived from Python 2.2, and

are therefore Copyright (c) 2001, 2002, 2003 Python Software Foundation (All Rights Reserved). They are licensed by the PSF under the terms of the Python 2.2 license. (See the file LEGAL/copy/LICENSE.python-2.2 for details.)

#### EXPORT RESTRICTIONS:

Note that the export or re-export of cryptographic software and/or source code may be subject to regulation in your jurisdiction.

PyCrypto Code Submission Requirements - Rev. C

Last updated: 2009-02-28

In an effort to further clarify PyCrypto's licensing terms, anyone submitting code to PyCrypto must be able to certify the following (taken from the Linux kernel's SubmittingPatches file):

#### Developer's Certificate of Origin 1.1

By making a contribution to this project, I certify that:

- (a) The contribution was created in whole or in part by me and I have the right to submit it under the open source license indicated in the file; or
- (b) The contribution is based upon previous work that, to the best of my knowledge, is covered under an appropriate open source license and I have the right under that license to submit that work with modifications, whether created in whole or in part by me, under the same open source license (unless I am permitted to submit under a different license), as indicated in the file; or
- (c) The contribution was provided directly to me by some other person who certified (a), (b) or (c) and I have not modified it.
- (d) I understand and agree that this project and the contribution are public and that a record of the contribution (including all personal information I submit with it, including my sign-off) is maintained indefinitely and may be redistributed consistent with this project or the open source license(s) involved.

In addition, the code's author must not be a national, citizen, or resident of the United States of America.

In addition, the code must not be of U.S. origin.



In addition, all new code contributed to PyCrypto must be dedicated to the public domain as follows:

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.

=== EOF ===

00INDEX - This file  
tsu-notify.mbox - Notification sent per U.S. export regulations  
copy/ - Copyright info & public-domain dedications  
From dlitz@dlitz.net Sat Apr 18 09:14:20 2009  
Date: Sat, 18 Apr 2009 09:14:20 -0400  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
To: Mark Moraes <moraes@computer.org>  
Subject: PyCrypto license clarification  
Message-ID: <20090418131419.GA14494@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2635

Hi Mark,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
=====
Distribute and use freely; there are no restrictions on further
dissemination and usage except those imposed by the laws of your
country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk

(www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Wim Lewis, Jeethu Rao, and Barry Warsaw, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
=====
The contents of this file are dedicated to the public domain. To the
extent that dedication to the public domain is not available, everyone
is granted a worldwide, perpetual, royalty-free, non-exclusive license
to exercise all rights associated with the contents of this file for
any purpose whatsoever. No rights are reserved.
=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzengerger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From markmoraes@yahoo.com Mon Apr 20 19:25:37 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <markmoraes@yahoo.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 5D9AE984FDD

for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 19:25:37 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id DE41F4025F

for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)

Received: (vmmailmgr-postfix 7604 invoked by uid 1003); 20 Apr 2009 17:25:36 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (yahoo.com: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="markmoraes@yahoo.com"; helo=web32405.mail.mud.yahoo.com; client-ip=68.142.207.198

Received: from web32405.mail.mud.yahoo.com (web32405.mail.mud.yahoo.com [68.142.207.198])

by goedel.dlitz.net (Postfix) with SMTP id B5EAF401EE

for <dlitz@dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)  
Received: (gmail 34697 invoked by uid 60001); 20 Apr 2009 23:25:33 -0000  
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=yahoo.com; s=s1024; t=1240269933;  
bh=OvxbqYnCg7R6tUN3YmlgFURM3CuHh1JeHyXhDzkaThU=; h=Message-ID:X-YMail-OSG:Received:X-  
Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type;  
b=F2h2bFzpQxyKFZ8BhenniyupGw4Zvlekb9BSk91qKU+51W/TkSGBij5YZIhkLQdkQk0qLz5f4g8dT6bOME3s  
EY1j10hlx0K0u2UD0yoYTINBCmsdMQRoJ7ph9bmt+p/EJhRpe+FiV6aoLV0FONWiHfGDghPT1dulWXfVTqgB  
2aU=  
DomainKey-Signature:a=rsa-sha1; q=dns; c=noaws;  
s=s1024; d=yahoo.com;  
h=Message-ID:X-YMail-OSG:Received:X-Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type;  
b=r6RShFF5VzQLg+9tcn1xKuo4Rs4IVvXF6fdqOpQrMyRCxeFoebhuTE35grGqlomOJLwM0+mZwRb6rGkDj7  
63caOAl08Ect/qlADW5izXfmVQaDchTbTqmpsJBmQnTQs9iZ+InrG+3UIwtUSGfX7fhEWmI9P/HBzxf9Wp4b3j  
eo=;  
Message-ID: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
X-YMail-OSG:  
FrK8aWMVM1mFJtLpMGbUbCLjbUQC.i.JkIAKUHSFsFn7t9PbtewAewXJ2uhZGCOIGCX6oVnG3u.CgqzAffY  
4vZSnfTT8wnCkzZNZ\_g6k.XUc3ipo\_6e.92TXl4p8MxDGAf1tpNF5nXPwcQ7aREs7jGoWWWJYVyp50clsUFS  
Hzf7Zbpa8P1Yoe\_xSzf3OAgRSh5fCrbFCC8sHPCuwrL3YhasbtHmkWffteSS.x6gEcBaxf03oz4FeDb5mpJ54g11X  
onq8h\_TmzX9g84Bin9g\_3fJ4WSXm6g6.tohLyfXcUxoz4j036wyWpTKPrWEzIUQaN83Sv\_bj\_Ghx--  
Received: from [69.124.140.74] by web32405.mail.mud.yahoo.com via HTTP; Mon, 20 Apr 2009 16:25:32 PDT  
X-Mailer: YahooMailClassic/5.2.15 YahooMailWebService/0.7.289.1  
Date: Mon, 20 Apr 2009 16:25:32 -0700 (PDT)  
From: M Moraes <markmoraes@yahoo.com>  
Reply-To: moraes@computer.org  
Subject: Re: PyCrypto license clarification  
To: "Dwayne C. Litzberger" <dlitz@dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Status: RO  
X-Status: A  
Content-Length: 3222

Hi Dwayne.

Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.

Regards,  
Mark.

--- On Sat, 4/18/09, Dwayne C. Litzberger <dlitz@dlitz.net> wrote:

> From: Dwayne C. Litzberger <dlitz@dlitz.net>  
> Subject: PyCrypto license clarification  
> To: "Mark Moraes" <moraes@computer.org>  
> Date: Saturday, April 18, 2009, 9:14 AM

> Hi Mark,  
>  
> I am the new maintainer of the Python Cryptography Toolkit,  
> and I am  
> working on a new release at <http://www.pycrypto.org/>.  
>  
> People often ask me what license PyCrypto is covered by, if  
> it's  
> GPL-compatible, etc. Right now, I'm not really sure  
> what to tell them.  
> The text in the current LICENSE file (quoted below) is not  
> entirely clear  
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> allowed. (It  
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>  
>  
> =====  
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> no restrictions on further  
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> software is provided "as is" without  
>     warranty of fitness for use or  
> suitability for any purpose, express  
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> not at all.  
>  
> =====  
>  
>     Incorporating the code into commercial  
> products is permitted; you do  
>     not have to make source available or  
> contribute your changes back  
>     (though that would be nice).  
>  
>     --amk  
>  
>  
>     ([www.amk.ca](http://www.amk.ca))  
>  
> For the next PyCrypto release, I would like to take steps  
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> approved the following dedication for their contributions.  
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>  
>  
> =====  
> The contents of this file are  
> dedicated to the public domain. To the  
> extent that dedication to the public  
> domain is not available, everyone  
> is granted a worldwide, perpetual,  
> royalty-free, non-exclusive license  
> to exercise all rights associated with  
> the contents of this file for  
> any purpose whatsoever. No  
> rights are reserved.  
>  
> =====  
>  
> Regards,  
> - Dwayne  
>  
> -- Dwayne C. Litzenger <dlitz@dlitz.net>  
> Key-signing key - 19E1  
> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>

From dlitz@dlitz.net Mon Apr 20 20:01:37 2009  
Date: Mon, 20 Apr 2009 20:01:37 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: moraes@computer.org  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090421000137.GA29012@rivest.dlitz.net>  
References: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
In-Reply-To: <551071.34569.qm@web32405.mail.mud.yahoo.com>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 3677

Thanks a lot, and don't worry about not responding to previous emails. I do that too much myself. :)

On Mon, Apr 20, 2009 at 04:25:32PM -0700, M Moraes wrote:

>

>Hi Dwayne.

>

>Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.

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>> and I am

>> working on a new release at <http://www.pycrypto.org/>.

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>>  
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>> =====  
>> Distribute and use freely; there are  
>> no restrictions on further  
>> dissemination and usage except those  
>> imposed by the laws of your  
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>> software is provided "as is" without  
>> warranty of fitness for use or  
>> suitability for any purpose, express  
>> or implied. Use at your own risk or  
>> not at all.  
>>  
>> =====  
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>> Incorporating the code into commercial  
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>>  
>>  
>> (www.amk.ca)  
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>>

>>

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>> the contents of this file for  
>> any purpose whatsoever. No  
>> rights are reserved.

>>

>> =====

>>

>> Regards,  
>> - Dwayne

>>

>> -- Dwayne C. Litzenger <dlitz@dlitz.net>  
>> Key-signing key - 19E1  
>> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

>>

>

--

Dwayne C. Litzenger <dlitz@dlitz.net>  
Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45  
From dlitz@dlitz.net Sat Feb 28 23:24:14 2009  
Date: Sat, 28 Feb 2009 23:24:14 -0500  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: Jeethu Rao <jeethurao@gmail.com>  
Subject: PyCrypto license clarification  
Message-ID: <20090301042414.GA15122@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2513

Hi Jeethu,

I am the new maintainer of the Python Cryptography Toolkit, and I am  
working on a new release at <http://www.pycrypto.org/>.



People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
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country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

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```
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is granted a worldwide, perpetual, royalty-free, non-exclusive license
to exercise all rights associated with the contents of this file for
any purpose whatsoever. No rights are reserved.
=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From jeethurao@gmail.com Sun Mar 8 17:28:16 2009  
X-Maildir-Dup-Checked: Yes  
Return-Path: <jeethurao@gmail.com>  
X-Original-To: dwon@rivest.dlitz.net  
Delivered-To: dwon@rivest.dlitz.net  
Received: from goedel.dlitz.net (unknown [10.159.255.6])  
by rivest.dlitz.net (Postfix) with ESMTP id 0CC83515D9  
for <dwon@rivest.dlitz.net>; Sun, 8 Mar 2009 17:28:16 -0400 (EDT)  
Received: from localhost (localhost [127.0.0.1])  
by goedel.dlitz.net (Postfix) with QMQP id 4E58F450CB  
for <dwon@rivest.dlitz.net>; Sun, 8 Mar 2009 15:28:15 -0600 (CST)  
Received: (vmmailmgr-postfix 5011 invoked by uid 1003); 8 Mar 2009 15:28:15 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: pass (gmail.com ... \_spf.google.com: 209.85.198.249 is authorized to use 'jeethurao@gmail.com' in  
'mfrom' identity (mechanism 'ip4:209.85.128.0/17' matched)) receiver=goedel.dlitz.net; identity=mfrom; envelope-  
from="jeethurao@gmail.com"; helo=rv-out-0708.google.com; client-ip=209.85.198.249  
Received: from rv-out-0708.google.com (unknown [209.85.198.249])  
by goedel.dlitz.net (Postfix) with ESMTP id 3C097449E7  
for <dlitz@dlitz.net>; Sun, 8 Mar 2009 15:28:12 -0600 (CST)  
Received: by rv-out-0708.google.com with SMTP id k29so1252333rvb.26  
for <dlitz@dlitz.net>; Sun, 08 Mar 2009 14:27:56 -0700 (PDT)  
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=gamma;  
h=domainkey-signature:mime-version:received:in-reply-to:references  
:date:message-id:subject:from:to:content-type;  
bh=YWy9U32WCU/ksRqkHwaOZyJQBU4Yvt5mI20U6mI/g=;  
b=oMjI22IIxYiJKge2zNjW3rRiUi9LqFXmey5Wp0pLlItuNF+X3duyfhopTuBAKw7MwVY  
B5E6VQuGVEyzBbNscytVgq6DhQiQtouCLZymSViobmuDmKn5DtUKoxpDk0xCxQmHYaas  
L9/A6D3/J66kKrNBgX9mc0GPcZTviVFYkPR0Q=  
DomainKey-Signature: a=rsa-sha1; c=noFWS;  
d=gmail.com; s=gamma;  
h=mime-version:in-reply-to:references:date:message-id:subject:from:to  
:content-type;  
b=Ym7CStuDEfJKay1AJyWzkZmJA1lnTcwCG6akBHAXLld8ht6PFcmIsffzZG8hJCIVJ8  
vljqcT+G6cywVTBw1pyGX7ECYzr0+vhGvgdpACGrS24zikHfpSSd5GFogzXaLvGVH8p  
bqSHpfWKKtEP4gAQkiNeIq1GNtR2j8U3fnRyg=  
MIME-Version: 1.0  
Received: by 10.141.176.13 with SMTP id d13mr2656028rvp.231.1236547674677;  
Sun, 08 Mar 2009 14:27:54 -0700 (PDT)  
In-Reply-To: <20090301042414.GA15122@rivest.dlitz.net>  
References: <20090301042414.GA15122@rivest.dlitz.net>  
Date: Mon, 9 Mar 2009 02:57:54 +0530  
Message-ID: <e3c0ddba0903081427p3a7b1058g417dd8624df68d6d@mail.gmail.com>  
Subject: Re: PyCrypto license clarification  
From: Jeethu Rao <jeethurao@gmail.com>  
To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
Content-Type: multipart/alternative; boundary=000e0cd209d0e5a3d40464a23054  
Status: RO

Content-Length: 7668

--000e0cd209d0e5a3d40464a23054

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha256 module, IIRC).

I'd be fine with the public domain license for PyCrypto.

Jeethu Rao

PS: Apologies for the delay in my response.

I don't really check this email address all that often,

please direct any further correspondence to jeethu@jeethurao.com

On Sun, Mar 1, 2009 at 9:54 AM, Dwayne C. Litzengerger <dlitz@dlitz.net> wrote:

> Hi Jeethu,

>

> I am the new maintainer of the Python Cryptography Toolkit, and I am

> working on a new release at <http://www.pycrypto.org/>.

>

> People often ask me what license PyCrypto is covered by, if it's

> GPL-compatible, etc. Right now, I'm not really sure what to tell them. The

> text in the current LICENSE file (quoted below) is not entirely clear on the

> point of whether distributing modified versions is allowed. (It says

> "distribute and use", but not "modify".)

>

> =====

> Distribute and use freely; there are no restrictions on further

> dissemination and usage except those imposed by the laws of your

> country of residence. This software is provided "as is" without

> warranty of fitness for use or suitability for any purpose, express

> or implied. Use at your own risk or not at all.

> =====

>

> Incorporating the code into commercial products is permitted; you do

> not have to make source available or contribute your changes back

> (though that would be nice).

>

> --amk (www.amk.ca)

>

> For the next PyCrypto release, I would like to take steps to move toward a

> clearer licensing regime. I am asking as many copyright holders as I can

> find if I can release PyCrypto under something clearer and more standard.

> Below, I have quoted a public domain dedication that was recommended in

> Intellectual Property and Open Source: A Practical Guide to Protecting

> Code\_, by Van Lindberg. I have already contacted A. M. Kuchling, Robey

> Pointer, and Wim Lewis, and they have all approved the following text for

> their contributions.

>

> I understand that you have made contributions to PyCrypto. May I, on your

> behalf, dedicate to the public domain all your contributions to PyCrypto,

> with the following notice?

>

> =====

> The contents of this file are dedicated to the public domain. To the

> extent that dedication to the public domain is not available, everyone

> is granted a worldwide, perpetual, royalty-free, non-exclusive license

> to exercise all rights associated with the contents of this file for

> any purpose whatsoever. No rights are reserved.

> =====

>

> Regards,

> - Dwayne

>

> --

> Dwayne C. Litzengerger <dlitz@dlitz.net>

> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

>

--

Jeethu Rao

--000e0cd209d0e5a3d40464a23054

Content-Type: text/html; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha256 module, IIRC). I'd be fine with the public domain license for PyCrypto. Jeethu Rao PS: Apologies for the delay in my response.

I don't really check this email address all that often, please direct any further correspondence to jeethu@jeethurao.com. On Sun, Mar 1, 2009 at 9:54 AM, Dwayne C. Litzengerger <dlitz@dlitz.net> wrote:

Hi Jeethu,

<br>

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at http://www.pycrypto.org/\_blank=http://www.pycrypto.org/.

<br>

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)<br>

<br>

Distribute and use freely; there are no restrictions on further dissemination and usage except those imposed by the laws of your country of residence. This software is provided "as is" without

warranty of fitness for use or suitability for any purpose, express or implied. Use at your own risk or not at all.<br>

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).<br>

<br>

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<br>

--amk <http://www.amk.ca>   
 "\_blank">www.amk.ca</a><br>

<br>

Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, and Wim Lewis, and they have all approved the following text for their contributions.<br>

<br>

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?<br>

<br>

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone



implementation, which already has a public-domain notice at the top of the file. But I am happy to have that, any any other code of mine that might have wandered in there under an unclear open sourcish license, distributed under the public-domain dedication you quote.

Wim.

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.6 (Darwin)

iQCVAwUBSSnnA18UnN8n93LBAQLp/gQAhr7x8Av1mstc2kxEJDWTm26PTAZxMz4B  
FektbDOzkxgc5580MGGeX/MVn8aw+1BHg0YD85gsntlDzkcQtb+BR/xAvJ5zKyA  
J/Mn/I+I6ekJQ3juh8IPHLAduOXM9Rtguas/yR+Doaq0xOPKoBx+/5+t1lJtBcZ  
wrPEa9Oui9s=  
=zSY9

-----END PGP SIGNATURE-----

From dlitz@dlitz.net Sat Feb 28 21:45:09 2009

Date: Sat, 28 Feb 2009 21:45:09 -0500

From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>

To: Barry A Warsaw <barry@python.org>

Subject: PyCrypto license clarification

Message-ID: <20090301024509.GA13195@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 2535

Hi Barry,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
=====
Distribute and use freely; there are no restrictions on further
dissemination and usage except those imposed by the laws of your
country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, and Wim Lewis, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
=====
The contents of this file are dedicated to the public domain. To the
extent that dedication to the public domain is not available, everyone
is granted a worldwide, perpetual, royalty-free, non-exclusive license
to exercise all rights associated with the contents of this file for
any purpose whatsoever. No rights are reserved.
=====
```

Regards,  
- Dwayne

--

Dwayne C. Litzemberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From barry@python.org Mon Mar 2 11:29:39 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <barry@python.org>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 6E01AC6640B

for <dwon@rivest.dlitz.net>; Mon, 2 Mar 2009 11:29:39 -0500 (EST)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 0644E1007A

for <dwon@rivest.dlitz.net>; Mon, 2 Mar 2009 10:29:39 -0600 (CST)

Received: (vmailmgr-postfix 8668 invoked by uid 1003); 2 Mar 2009 10:29:39 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (python.org: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom;



envelope-from="barry@python.org"; helo=mail.wooz.org; client-ip=216.15.33.230  
Received: from mail.wooz.org (216-15-33-230.c3-0.slvr-ubr2.lnh-slvr.md.static.cable.rcn.com [216.15.33.230])  
by goedel.dlitz.net (Postfix) with ESMTP id CCEA110073  
for <dlitz@dlitz.net>; Mon, 2 Mar 2009 10:29:38 -0600 (CST)  
Received: from snowdog.wooz.org (snowdog.wooz.org [192.168.11.202])  
by mail.wooz.org (Postfix) with ESMTPSA id ACE30E3C9F  
for <dlitz@dlitz.net>; Mon, 2 Mar 2009 11:29:35 -0500 (EST)  
Message-Id: <09BF1A39-B015-4820-97A3-8642490C8254@python.org>  
From: Barry Warsaw <barry@python.org>  
To: Dwayne C. Litzenberger <dlitz@dlitz.net>  
In-Reply-To: <20090301024509.GA13195@rivest.dlitz.net>  
Content-Type: text/plain; charset=US-ASCII; format=flowed; delpsp=yes  
Content-Transfer-Encoding: quoted-printable  
Mime-Version: 1.0 (Apple Message framework v930.3)  
Subject: Re: PyCrypto license clarification  
Date: Mon, 2 Mar 2009 11:29:34 -0500  
References: <20090301024509.GA13195@rivest.dlitz.net>  
X-Pgp-Agent: GPGMail d55 (v55, Leopard)  
X-Mailer: Apple Mail (2.930.3)  
Status: RO  
Content-Length: 869

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On Feb 28, 2009, at 9:45 PM, Dwayne C. Litzenberger wrote:

> I am the new maintainer of the Python Cryptography Toolkit, and I am =20=

> working on a new release at <http://www.pycrypto.org/>.

Great! I'm glad to see someone taking up the mantle of this important =20=

Python library.

> I understand that you have made contributions to PyCrypto. May I, =20=

> on your behalf, dedicate to the public domain all your contributions =20=

> to PyCrypto, with the following notice?

Absolutely yes.

Cheers,

Barry

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.9 (Darwin)

iQCVAwUBSawJbnEjvBPtnXfVAQLZjgP/ecG+JdZwNvPJRfsa6rhY6+MHLdHI6agk  
evkJnSJQAcVHIznVIVeR5IXgvDUMakZjU4SOV7MqkhsKA9llet7PaD9VSYgn3ra5  
gElwI2DQDoOy5GExXMm74gqrrb1PCCbCRmpaYNo+DZohwHkeFBjwDRA3wItOrH7  
SK4w9VBjtfY=3D  
=3DQduY

-----END PGP SIGNATURE-----

Date: Mon, 16 Feb 2009 12:58:00 -0800

From: Robey Pointer <robey@lag.net>

Subject: Re: PyCrypto license clarification

To: "Dwayne C. Litzberger" <dlitz@dlitz.net>

Received-SPF: pass (goedel.dlitz.net: domain of robey@lag.net designates 69.61.78.186 as permitted sender)

Message-Id: <F469A078-6305-4484-BEA8-F4EC38A4154F@lag.net>

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

On 23 Nov 2008, at 07:42, Dwayne C. Litzberger wrote:

> For the next PyCrypto release, I would like to take steps to move  
> toward a clearer licensing regime. I am asking as many copyright  
> holders as I can find if I can release PyCrypto under something  
> clearer and more standard. Below, I have quoted a public domain  
> dedication that was recommended in Intellectual Property and Open  
> Source: A Practical Guide to Protecting Code, by Van Lindberg. I  
> have already contacted A. M. Kuchling, and he has approved the  
> following dedication for his contributions.

>

> May I, on your behalf, dedicate to the public domain all your  
> contributions to PyCrypto, with the following notice?

>

>

> =

> =====

> The contents of this file are dedicated to the public domain. To  
> the

> extent that dedication to the public domain is not available,  
> everyone

> is granted a worldwide, perpetual, royalty-free, non-exclusive  
> license

> to exercise all rights associated with the contents of this file  
> for

> any purpose whatsoever. No rights are reserved.

>

> =

> =====

>

In case I haven't replied to this yet: Yes, this is fine with me.

robey

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.8 (Darwin)

iEYEARECAAYFAkmZ01gACgkQQQDkKvyJ6cOLvQCfQmYYuVODvIlyLg0hgCI9LAbQ  
SH8AoLJgaq1lli7/ZYDc+/Cd8VO0xLbr  
=Mv6g

-----END PGP SIGNATURE-----

From dlitz@dlitz.net Sun Nov 23 00:17:22 2008

Date: Sun, 23 Nov 2008 00:17:22 -0500

From: "Dwayne C. Litzenger" <dlitz@dlitz.net>

To: "A. M. Kuchling" <amk@amk.ca>

Subject: PyCrypto license clarification

Message-ID: <20081123051722.GA29253@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: multipart/signed; micalg=pgp-sha1;  
protocol="application/pgp-signature"; boundary="YiEDa0DAkWCtVeE4"

Content-Disposition: inline

X-Primary-Address: dlitz@dlitz.net

X-Homepage: <http://www.dlitz.net/>

X-OpenPGP: url=<http://www.dlitz.net/go/gpgkey/>;  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected

X-OpenPGP: url=<http://www.dlitz.net/go/gpgkey/>;  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt

User-Agent: Mutt/1.5.16 (2007-06-11)

Status: RO

Content-Length: 3461

Lines: 78

--YiEDa0DAkWCtVeE4

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Disposition: inline

Content-Transfer-Encoding: quoted-printable

Hi Andrew,

People often ask me what license PyCrypto is covered by, if it's=20  
GPL-compatible, etc. Right now, I'm not really sure what to tell them. =20  
The text in the current LICENSE file (quoted below) is not entirely clear=  
=20  
on the point of whether distributing modified versions is allowed. (It=20  
says "distribute and use", but not "modify".)



--YiEDa0DAkWCtVeE4  
Content-Type: application/pgp-signature; name="signature.asc"  
Content-Description: Digital signature  
Content-Disposition: inline

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.5 (GNU/Linux)

iEYEARECAAYFAkko52IACgkQHfBG4d+eAS0XPPQCfcyQ2DdAXKg9N7Z+jeSFFD5EZ  
yloAn33a3ZjkteyJaTbzEqImOEw8JGpf  
=aBEW  
-----END PGP SIGNATURE-----

--YiEDa0DAkWCtVeE4--

From amk@amk.ca Sun Nov 23 07:51:59 2008  
X-Maildir-Dup-Checked: Yes  
Return-Path: <amk@amk.ca>  
X-Original-To: dwon@rivest.dlitz.net  
Delivered-To: dwon@rivest.dlitz.net  
Received: from goedel.dlitz.net (unknown [10.159.255.6])  
by rivest.dlitz.net (Postfix) with ESMTP id 5C2C75047D  
for <dwon@rivest.dlitz.net>; Sun, 23 Nov 2008 07:51:59 -0500 (EST)  
Received: from localhost (localhost [127.0.0.1])  
by goedel.dlitz.net (Postfix) with QMQP id D632D10111  
for <dwon@rivest.dlitz.net>; Sun, 23 Nov 2008 06:51:58 -0600 (CST)  
Received: (vmmailmgr-postfix 12026 invoked by uid 1003); 23 Nov 2008 06:51:58 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: none (goedel.dlitz.net: domain of amk@amk.ca does not designate permitted sender hosts)  
Received: from mail5.sea5.speakeasy.net (mail5.sea5.speakeasy.net [69.17.117.7])  
by goedel.dlitz.net (Postfix) with ESMTP id 97DC710105  
for <dlitz@dlitz.net>; Sun, 23 Nov 2008 06:51:58 -0600 (CST)  
Received: (qmail 3992 invoked from network); 23 Nov 2008 12:51:52 -0000  
Received: from dsl092-163-165.wdc2.dsl.speakeasy.net (HELO localhost) (akuchling@[66.92.163.165])  
(envelope-sender <amk@amk.ca>)  
by mail5.sea5.speakeasy.net (qmail-ldap-1.03) with AES256-SHA encrypted SMTP  
for <dlitz@dlitz.net>; 23 Nov 2008 12:51:52 -0000  
Date: Sun, 23 Nov 2008 07:51:34 -0500  
From: "A.M. Kuchling" <amk@amk.ca>  
To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
Subject: Re: PyCrypto license clarification  
Message-ID: <20081123125134.GA21239@amk.local>  
Reply-To: amk@amk.ca  
References: <20081123051722.GA29253@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

In-Reply-To: <20081123051722.GA29253@rivest.dlitz.net>  
User-Agent: Mutt/1.5.13 (2006-08-11)  
Status: RO  
Content-Length: 537  
Lines: 15

> People often ask me what license PyCrypto is covered by, if it's  
> GPL-compatible, etc. Right now, I'm not really sure what to tell them.  
> The text in the current LICENSE file (quoted below) is not entirely clear  
> on the point of whether distributing modified versions is allowed. (It  
> says "distribute and use", but not "modify".)

The intention is that it be public domain.

> May I, on your behalf, dedicate to the public domain your considerable  
> contributions to PyCrypto, with the following notice?

You may.

--amk  
From dlitz@dlitz.net Sun Aug 2 21:48:25 2009  
Date: Sun, 2 Aug 2009 21:48:25 -0400  
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>  
To: Paul Swartz <paulswartz@gmail.com>  
Subject: PyCrypto license clarification  
Message-ID: <20090803014825.GA1326@rivest.dlitz.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2631

Hi Paul,

I am the new maintainer of the Python Cryptography Toolkit, and I am  
working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's  
GPL-compatible, etc. Right now, I'm not really sure what to tell them.  
The text in the current LICENSE file (quoted below) is not entirely clear  
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says "distribute and use", but not "modify".)

=====

Distribute and use freely; there are no restrictions on further  
dissemination and usage except those imposed by the laws of your  
country of residence. This software is provided "as is" without

warranty of fitness for use or suitability for any purpose, express or implied. Use at your own risk or not at all.

---

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in *Intellectual Property and Open Source: A Practical Guide to Protecting Code*, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, Joris Bontje, and Mark Moraes, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto, under nickname "z3p" and/or other names. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

---

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.

---

Regards,  
- Dwayne

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From paulswartz@gmail.com Mon Aug 3 12:14:07 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <paulswartz@gmail.com>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 30B9D984FC4

for <dwon@rivest.dlitz.net>; Mon, 3 Aug 2009 12:14:07 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id AD9AE81068  
for <dwon@rivest.dlitz.net>; Mon, 3 Aug 2009 10:14:06 -0600 (CST)  
Received: (vmmailmgr-postfix 32055 invoked by uid 1003); 3 Aug 2009 10:14:06 -0600  
Delivered-To: m-dlitz-dlitz@dlitz.net  
Received-SPF: pass (gmail.com ... \_spf.google.com: 72.14.220.159 is authorized to use 'paulswartz@gmail.com' in  
'mfrom' identity (mechanism 'ip4:72.14.192.0/18' matched)) receiver=goedel.dlitz.net; identity=mfrom; envelope-  
from="paulswartz@gmail.com"; helo=fg-out-1718.google.com; client-ip=72.14.220.159  
Received: from fg-out-1718.google.com (fg-out-1718.google.com [72.14.220.159])  
by goedel.dlitz.net (Postfix) with ESMTP id 4E63881066  
for <dlitz@dlitz.net>; Mon, 3 Aug 2009 10:14:05 -0600 (CST)  
Received: by fg-out-1718.google.com with SMTP id d23so1076840fga.3  
for <dlitz@dlitz.net>; Mon, 03 Aug 2009 09:14:04 -0700 (PDT)  
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed;  
d=gmail.com; s=gamma;  
h=domainkey-signature:mime-version:received:in-reply-to:references  
:from:date:message-id:subject:to:content-type  
:content-transfer-encoding;  
bh=A0RHBf0TnribKS5qOHJ3WYbkZ+b0cuPeuoKAvpApWcc=;  
b=gyTqkRhKIHadFKIZCBWsrBnMNVdQ1PWIJbyC0EvxPskaoHr3HAR96MWQNBePu/40Ac  
Vn55qlIqTdom4e9zIUUE6MwZo9kqi/Qw0L/SLib0DIQeNqo/eHYqPmuVswltaYwNAyMJ  
Y9++76rPGzqYdALsfvsmwv7Q3/bEmjVTr0tQE=  
DomainKey-Signature: a=rsa-sha1; c=noFWS;  
d=gmail.com; s=gamma;  
h=mime-version:in-reply-to:references:from:date:message-id:subject:to  
:content-type:content-transfer-encoding;  
b=jze7KSMkUGilfVCXKXaaXMi5NAtGdMQOtVZZfRNyGSy68xOd2sxefjyig3EFT6Nv6  
Q3opUMsT96Q6zjZND55w446kTh2uBTNz4d3NwIeEWJnG3xcliRQu/mXPFP8AzPI3CefL  
1ornJLM1eQ2XyuZA73jem+SJtfdHUcSD1UhgI=  
MIME-Version: 1.0  
Received: by 10.239.157.147 with SMTP id q19mr601802hbc.61.1249316043185; Mon,  
03 Aug 2009 09:14:03 -0700 (PDT)  
In-Reply-To: <20090803014825.GA1326@rivest.dlitz.net>  
References: <20090803014825.GA1326@rivest.dlitz.net>  
From: Paul Swartz <paulswartz@gmail.com>  
Date: Mon, 3 Aug 2009 12:13:43 -0400  
Message-ID: <324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>  
Subject: Re: PyCrypto license clarification  
To: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: quoted-printable  
Status: RO  
X-Status: A  
Content-Length: 1450

On Sun, Aug 2, 2009 at 9:48 PM, Dwayne C. Litzenger<dlitz@dlitz.net> wro=  
te:  
> Hi Paul,  
>





In-Reply-To: <324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 1250

On Mon, Aug 03, 2009 at 12:13:43PM -0400, Paul Swartz wrote:

>On Sun, Aug 2, 2009 at 9:48 PM, Dwayne C. Litzengerger<dlitz@dlitz.net> wrote:

>> Hi Paul,

>>

>> I am the new maintainer of the Python Cryptography Toolkit, and I am  
>> working on a new release at <http://www.pycrypto.org/>.

>

>That's great!

>

>> I understand that you have made contributions to PyCrypto, under nickname

>> "z3p" and/or other names. May I, on your behalf, dedicate to the public

>> domain all your contributions to PyCrypto, with the following notice?

>>

>> =====

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>> extent that dedication to the public domain is not available, everyone  
>> is granted a worldwide, perpetual, royalty-free, non-exclusive license  
>> to exercise all rights associated with the contents of this file for  
>> any purpose whatsoever. No rights are reserved.

>> =====

>

>Yes, that's fine. Good luck with the new release!

Perfect! Thanks for the quick response!

--

Dwayne C. Litzengerger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From dlitz@dlitz.net Mon May 4 22:49:14 2009

Date: Mon, 4 May 2009 22:49:14 -0400

From: "Dwayne C. Litzengerger" <dlitz@dlitz.net>

To: Joris Bontje <joris@bontje.nl>

Subject: PyCrypto license clarification

Message-ID: <20090505024914.GA9219@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 2553

Hi Joris,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at <http://www.pycrypto.org/>.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

```
=====
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country of residence. This software is provided "as is" without
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or implied. Use at your own risk or not at all.
=====
```

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in Intellectual Property and Open Source: A Practical Guide to Protecting Code, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, and Mark Moraes, and they have all approved the following dedication for their contributions.

I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

```
=====
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extent that dedication to the public domain is not available, everyone
is granted a worldwide, perpetual, royalty-free, non-exclusive license
```

to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.

---

Regards,  
- Dwayne

--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From joris@bontje.nl Tue May 5 03:08:32 2009

X-Maildir-Dup-Checked: Yes

Return-Path: <joris@bontje.nl>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id 7AA4B9E5078

for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 03:08:32 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 2315B40583

for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 01:08:32 -0600 (CST)

Received: (vmmailmgr-postfix 16890 invoked by uid 1003); 5 May 2009 01:08:32 -0600

Delivered-To: m-dlitz-dlitz@dlitz.net

Received-SPF: none (bontje.nl: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="joris@bontje.nl"; helo=smtp6.versatel.nl; client-ip=62.58.50.97

Received: from smtp6.versatel.nl (smtp6.versatel.nl [62.58.50.97])

by goedel.dlitz.net (Postfix) with ESMTP id 2D76A4052C

for <dlitz@dlitz.net>; Tue, 5 May 2009 01:08:30 -0600 (CST)

Received: (qmail 4224 invoked by uid 0); 5 May 2009 07:08:25 -0000

Received: from qmail06.zonnet.nl (HELO dell062.admin.zonnet.nl) ([10.170.1.123])

(envelope-sender <joris@bontje.nl>)

by 10.170.1.96 (qmail-ldap-1.03) with SMTP

for <>; 5 May 2009 07:08:25 -0000

Received: by dell062.admin.zonnet.nl (Postfix, from userid 33)

id 9BE9B15759B; Tue, 5 May 2009 09:08:25 +0200 (CEST)

Received: from firewall66.interaccess.nl (firewall66.interaccess.nl

[193.173.35.66]) by www.webmail.vuurwerk.nl (Horde MIME library) with HTTP;

Tue, 05 May 2009 09:08:25 +0200

Message-ID: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>

Date: Tue, 05 May 2009 09:08:25 +0200

From: joris@bontje.nl

To: "Dwayne C. Litzenger" <dlitz@dlitz.net>

Subject: Re: PyCrypto license clarification

References: <20090505024914.GA9219@rivest.dlitz.net>

In-Reply-To: <20090505024914.GA9219@rivest.dlitz.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset=ISO-8859-1;  
format="flowed"  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit  
User-Agent: Internet Messaging Program (IMP) H3 (4.1.3)  
Status: RO  
X-Status: A  
Content-Length: 3488

Hi Dwayne,

Thanks for taking over the PyCrypto library and putting in the required effort to keep this going.

I was very excited to read that it is now one of the installed libraries for Google AppsEngine!

You have my full permission to dedicate all my contributions to PyCrypto to the public domain with your suggested notice:

=====  
The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.  
=====

Regards,  
Joris

Citeren "Dwayne C. Litzberger" <dlitz@dlitz.net>:

> Hi Joris,  
>  
> I am the new maintainer of the Python Cryptography Toolkit, and I am  
> working on a new release at <http://www.pycrypto.org/>.  
>  
> People often ask me what license PyCrypto is covered by, if it's  
> GPL-compatible, etc. Right now, I'm not really sure what to tell them.  
> The text in the current LICENSE file (quoted below) is not entirely clear  
> on the point of whether distributing modified versions is allowed. (It  
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> =====  
> Distribute and use freely; there are no restrictions on further  
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> or implied. Use at your own risk or not at all.  
> =====  
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>  
> --amk (www.amk.ca)  
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> =====  
>  
> Regards,  
> - Dwayne  
>  
> --  
> Dwayne C. Litzenger <dlitz@dlitz.net>  
> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From dlitz@dlitz.net Tue May 5 17:53:47 2009  
Date: Tue, 5 May 2009 17:53:47 -0400  
From: "Dwayne C. Litzenger" <dlitz@dlitz.net>  
To: joris@bontje.nl  
Subject: Re: PyCrypto license clarification  
Message-ID: <20090505215347.GB9933@rivest.dlitz.net>  
References: <20090505024914.GA9219@rivest.dlitz.net>  
<20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Disposition: inline  
In-Reply-To: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>  
X-Primary-Address: dlitz@dlitz.net  
X-Homepage: http://www.dlitz.net/  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);  
preference=unprotected  
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/  
id=4B2AFD82FC7D9E3838D9179F1C11B877E7804B45 (2008);  
preference=signencrypt  
User-Agent: Mutt/1.5.16 (2007-06-11)  
Status: RO  
Content-Length: 3863

Excellent! Thank you!

On Tue, May 05, 2009 at 09:08:25AM +0200, joris@bontje.nl wrote:

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>

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>> =====  
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>> =====  
>>  
>> Regards,  
>> - Dwayne  
>>  
>> --  
>> Dwayne C. Litzberger <dlitz@dlitz.net>  
>> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7  
>  
>



--

Dwayne C. Litzenger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

## A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release from   | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | no                  |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

## B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON

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### PSF LICENSE AGREEMENT FOR PYTHON 2.2.3

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X-Maildir-Dup-Checked: Yes

Return-Path: <dlitz@dlitz.net>

X-Original-To: dwon@rivest.dlitz.net

Delivered-To: dwon@rivest.dlitz.net

Received: from goedel.dlitz.net (unknown [10.159.255.6])

by rivest.dlitz.net (Postfix) with ESMTP id ECFDFC6641D

for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 20:45:06 -0400 (EDT)

Received: from localhost (localhost [127.0.0.1])

by goedel.dlitz.net (Postfix) with QMQP id 99A9D100AA

for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 18:45:05 -0600 (CST)

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Received-SPF: pass (goedel.dlitz.net: domain of dlitz@dlitz.net designates 193.201.42.13 as permitted sender)

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[193.201.42.31]) by m14.stamper.itconsult.co.uk (GMS

15.01.3664/NT8923.00.54dca388) with SMTP id jfxsjqaa for dlitz@dlitz.net;

Thu, 28 Aug 2008 01:45:02 +0100

To: crypt@bis.doc.gov,

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SUBMISSION TYPE: TSU  
SUBMITTED BY: Dwayne C. Litzenberger  
SUBMITTED FOR: Dwayne C. Litzenberger  
POINT OF CONTACT: Dwayne C. Litzenberger  
PHONE and/or FAX: +1-613-693-1296  
MANUFACTURER: n/a  
PRODUCT NAME/MODEL #: The Python Cryptography Toolkit ("PyCrypto")  
ECCN: 5D002

NOTIFICATION: <http://www.pycrypto.org/>

Note: I am a Canadian citizen posting software to my website located in Canada. I am not certain whether PyCrypto contains enough US-origin cryptography to be covered by U.S. export controls, but I am submitting this anyway.

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---

Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

-----BEGIN PGP SIGNATURE-----

Version: 2.6.3i

Charset: noconv

Comment: Stamper Reference Id: 0520978

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=3oIX  
-----END PGP SIGNATURE-----

# 1.173 python-deltarpm 3.6 :3.e17

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## 1.174 python-ipaddress 1.0.16 :2.e17

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## 1.175 python-jinja2 2.7.2 :2.e17

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# 1.176 python-kitchen 1.1.1 :5.el7

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## 1.179 python-psutil 2.2.1 :1.e17

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## 1.180 python-requests 2.6.0 :1.e17\_1



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## 1.181 python-six 1.9.0 :2.e17

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# 1.183 python-urlgrabber 3.10 :8.e17

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# Contributions to the urllib3 project

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\* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

\* NTLM-authenticated HTTPSConnectionPool

\* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)

\* niphlod <niphlod@gmail.com>

\* Client-verified SSL certificates for HTTPSConnectionPool

\* Response gzip and deflate encoding support

\* Better unicode support for filepost using StringIO buffers

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\* Non-multipart encoding for POST requests

\* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

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\* Bugfixes, Improvements and Test coverage

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  - \* Support for TLS SNI
  - \* API unification of ssl\_version/cert\_reqs
  - \* SSL fingerprint and alternative hostname verification
  - \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
  - \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>
  - \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
  - \* Correct six.moves conflict
  - \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
  - \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<http://lukasa.co.uk/about/>>
  - \* Stream method for Response objects.
  - \* Return native strings in header values.
  - \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
  - \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  - \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  - \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
  - \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
  - \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  - \* Support for separate connect and request timeouts

- \* Peter Waller <p@pwaller.net>
- \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
- \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <http://dbrgn.ch/>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <http://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation
  
- \* Aaron Meurer <asmeurer@gmail.com>
- \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
- \* Support for using ConnectionPool and PoolManager as context managers.

\* Alex Gaynor <alex.gaynor@gmail.com>

\* Updates to the default SSL configuration

\* [Your name or handle] <[email or website]>

\* [Brief summary of your changes]

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## 1.185 python-zmq 15.3.0 :2.e17

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## 1.186 PyYAML 3.11

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## 1.187 Quartz Scheduler 1.6.2 :1.6.2

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```
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```
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```

```
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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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# 1.190 rsync 3.1.2 :4.e17

## 1.190.1 Available under license :

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Version 3, 29 June 2007

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#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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```

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```
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## 1.192 salt 2017.7.7

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salt.modules.win\_license module

=====

```
.. automodule:: salt.modules.win_license
   :members:
salt.states.win_license module
```

=====

```
.. automodule:: salt.states.win_license
   :members:
   Salt - Remote execution system
```

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```

# -*- coding: utf-8 -*-
'''
This module allows you to manage windows licensing via slmgr.vbs

.. code-block:: bash

    salt '*' license.install XXXXX-XXXXX-XXXXX-XXXXX-XXXXX
'''

# Import Python Libs
from __future__ import absolute_import
import re
import logging

# Import Salt Libs
import salt.utils

log = logging.getLogger(__name__)
__virtualname__ = 'license'

def __virtual__():
    '''
    Only work on Windows
    '''
    if salt.utils.is_windows():
        return __virtualname__
    return False

def installed(product_key):
    '''
    Check to see if the product key is already installed.

    Note: This is not 100% accurate as we can only see the last
    5 digits of the license.

    CLI Example:

    .. code-block:: bash

        salt '*' license.installed XXXXX-XXXXX-XXXXX-XXXXX-XXXXX
    '''
    cmd = r'cscript C:\Windows\System32\slmgr.vbs /dli'
    out = __salt__['cmd.run'](cmd)
    return product_key[-5:] in out

```

```
def install(product_key):
    """
    Install the given product key

    CLI Example:

    .. code-block:: bash

        salt '*' license.install XXXXX-XXXXX-XXXXX-XXXXX-XXXXX
    """
    cmd = r'cscript C:\Windows\System32\slmgr.vbs /ipk {0}'.format(product_key)
    return __salt__['cmd.run'](cmd)
```

```
def uninstall():
    """
    Uninstall the current product key

    CLI Example:

    .. code-block:: bash

        salt '*' license.uninstall
    """
    cmd = r'cscript C:\Windows\System32\slmgr.vbs /upk'
    return __salt__['cmd.run'](cmd)
```

```
def activate():
    """
    Attempt to activate the current machine via Windows Activation

    CLI Example:

    .. code-block:: bash

        salt '*' license.activate
    """
    cmd = r'cscript C:\Windows\System32\slmgr.vbs /ato'
    return __salt__['cmd.run'](cmd)
```

```
def licensed():
    """
    Return true if the current machine is licensed correctly

    CLI Example:
```



```
.. code-block:: bash
```

```
    salt '*' license.licensed
'''
cmd = r'cscript C:\Windows\System32\slmgr.vbs /dli'
out = __salt__['cmd.run'](cmd)
return 'License Status: Licensed' in out
```

```
def info():
```

```
'''
Return information about the license, if the license is not
correctly activated this will return None.
```

```
CLI Example:
```

```
.. code-block:: bash
```

```
    salt '*' license.info
'''
cmd = r'cscript C:\Windows\System32\slmgr.vbs /dli'
out = __salt__['cmd.run'](cmd)

match = re.search(r'Name: (.*)\r\nDescription: (.*)\r\nPartial Product Key: (.*)\r\nLicense Status: (.*)', out,
                  re.MULTILINE)
```

```
if match is not None:
```

```
    groups = match.groups()
    return {
        'name': groups[0],
        'description': groups[1],
        'partial_key': groups[2],
        'licensed': 'Licensed' in groups[3]
    }
```

```
return None
```

```
# -*- coding: utf-8 -*-
```

```
'''
```

```
Installation and activation of windows licenses
```

```
=====
```

```
Install and activate windows licenses
```

```
.. code-block:: yaml
```

```
XXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX:
  license.activate
'''
```

```

# Import python libs
from __future__ import absolute_import
import logging

# Import Salt Libs
import salt.utils

log = logging.getLogger(__name__)
__virtualname__ = 'license'

def __virtual__():
    """
    Only work on Windows
    """
    if salt.utils.is_windows():
        return __virtualname__
    return False

def activate(name):
    """
    Install and activate the given product key

    name
        The 5x5 product key given to you by Microsoft

    """
    ret = {'name': name,
          'result': True,
          'comment': "",
          'changes': {}}

    product_key = name

    license_info = __salt__['license.info']()
    licensed = False
    key_match = False
    if license_info is not None:
        licensed = license_info['licensed']
        key_match = license_info['partial_key'] in product_key

    if not key_match:
        out = __salt__['license.install'](product_key)
        licensed = False
        if 'successfully' not in out:
            ret['result'] = False

```

```

    ret['comment'] += 'Unable to install the given product key is it valid?'
    return ret
if not licensed:
    out = __salt__['license.activate']()
    if 'successfully' not in out:
        ret['result'] = False
        ret['comment'] += 'Unable to activate the given product key.'
        return ret
    ret['comment'] += 'Windows is now activated.'
else:
    ret['comment'] += 'Windows is already activated.'
return ret

```

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: salt

Upstream-Contact: salt-users@googlegroups.com

Source: <https://github.com/saltstack/salt>

Files: \*

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Files: salt/ext/six.py

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Files: tests/utis/cptestcase.py

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# -\*- coding: utf-8 -\*-

# Import Python libs

from \_\_future\_\_ import absolute\_import

# Import Salt Libs

import salt.modules.win\_license as win\_license

# Import Salt Testing Libs

from tests.support.mixins import LoaderModuleMockMixin

from tests.support.unit import TestCase

from tests.support.mock import (

MagicMock,

patch

)

class LicenseTestCase(TestCase, LoaderModuleMockMixin):

def setup\_loader\_modules(self):

return {win\_license: {}}

```

def test_installed(self):
    """
    Test to see if the given license key is installed
    """
    mock = MagicMock(return_value='Partial Product Key: ABCDE')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        out = win_license.installed('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
        self.assertTrue(out)

def test_installed_diff(self):
    """
    Test to see if the given license key is installed when the key is different
    """
    mock = MagicMock(return_value='Partial Product Key: 12345')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        out = win_license.installed('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
        self.assertFalse(out)

def test_install(self):
    """
    Test installing the given product key
    """
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.install('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /ipk '
                                     'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')

def test_uninstall(self):
    """
    Test uninstalling the given product key
    """
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.uninstall()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /upk')

def test_activate(self):
    """
    Test activating the current product key
    """
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.activate()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /ato')

```

```

def test_licensed(self):
    """
    Test checking if the minion is licensed
    """
    mock = MagicMock(return_value='License Status: Licensed')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.licensed()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')

def test_info(self):
    """
    Test getting the info about the current license key
    """
    expected = {
        'description': 'Prof',
        'licensed': True,
        'name': 'Win7',
        'partial_key': '12345'
    }

    mock = MagicMock(return_value='Name: Win7\r\nDescription: Prof\r\nPartial Product Key: 12345\r\n'
                                'License Status: Licensed')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        out = win_license.info()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
        self.assertEqual(out, expected)
# -*- coding: utf-8 -*-

# Import Python libs
from __future__ import absolute_import

# Import Salt Libs
import salt.states.win_license as win_license

# Import Salt Testing Libs
from tests.support.mixins import LoaderModuleMockMixin
from tests.support.unit import TestCase
from tests.support.mock import (
    MagicMock,
    patch
)

class LicenseTestCase(TestCase, LoaderModuleMockMixin):

    def setup_loader_modules(self):
        return {win_license: {}}

```



```

def test_activate(self):
    """
    Test activating the given product key
    """
    expected = {
        'changes': {},
        'comment': 'Windows is now activated.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': True
    }

    info = {
        'description': 'Prof',
        'licensed': False,
        'name': 'Win7',
        'partial_key': 'XXXXX'
    }

    info_mock = MagicMock(return_value=info)
    install_mock = MagicMock(return_value='Installed successfully')
    activate_mock = MagicMock(return_value='Activated successfully')
    with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                           'license.install': install_mock,
                                           'license.activate': activate_mock}):
        out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        info_mock.assert_called_once_with()
        install_mock.assert_called_once_with('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        activate_mock.assert_called_once_with()
        self.assertEqual(out, expected)

def test_installed_not_activated(self):
    """
    Test activating the given product key when the key is installed but not activated
    """
    expected = {
        'changes': {},
        'comment': 'Windows is now activated.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': True
    }

    info = {
        'description': 'Prof',
        'licensed': False,
        'name': 'Win7',
        'partial_key': 'ABCDE'
    }

```

```

info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Installed successfully')
activate_mock = MagicMock(return_value='Activated successfully')
with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                       'license.install': install_mock,
                                       'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    info_mock.assert_called_once_with()
    assert not install_mock.called
    activate_mock.assert_called_once_with()
    self.assertEqual(out, expected)

def test_installed_activated(self):
    """
    Test activating the given product key when its already activated
    """
    expected = {
        'changes': {},
        'comment': 'Windows is already activated.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': True
    }

    info = {
        'description': 'Prof',
        'licensed': True,
        'name': 'Win7',
        'partial_key': 'ABCDE'
    }

    info_mock = MagicMock(return_value=info)
    install_mock = MagicMock(return_value='Installed successfully')
    activate_mock = MagicMock(return_value='Activated successfully')
    with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                           'license.install': install_mock,
                                           'license.activate': activate_mock}):
        out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        info_mock.assert_called_once_with()
        assert not install_mock.called
        assert not activate_mock.called
        self.assertEqual(out, expected)

def test_installed_install_fail(self):
    """
    Test activating the given product key when the install fails
    """
    expected = {
        'changes': {},

```

```

        'comment': 'Unable to install the given product key is it valid?',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': False
    }

info = {
    'description': 'Prof',
    'licensed': False,
    'name': 'Win7',
    'partial_key': '12345'
}

info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Failed')
activate_mock = MagicMock()
with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                       'license.install': install_mock,
                                       'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    info_mock.assert_called_once_with()
    install_mock.assert_called_once_with('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    assert not activate_mock.called
    self.assertEqual(out, expected)

def test_installed_activate_fail(self):
    """
    Test activating the given product key when the install fails
    """
    expected = {
        'changes': {},
        'comment': 'Unable to activate the given product key.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': False
    }

    info = {
        'description': 'Prof',
        'licensed': False,
        'name': 'Win7',
        'partial_key': 'ABCDE'
    }

    info_mock = MagicMock(return_value=info)
    install_mock = MagicMock()
    activate_mock = MagicMock(return_value='Failed to activate')
    with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                       'license.install': install_mock,
                                       'license.activate': activate_mock}):

```

```

        out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        info_mock.assert_called_once_with()
        assert not install_mock.called
        activate_mock.assert_called_once_with()
        self.assertEqual(out, expected)
salt.modules.win_license module
=====

.. automodule:: salt.modules.win_license
   :members:
salt.states.win_license module
=====

.. automodule:: salt.states.win_license
   :members:

```

# 1.193 servlet-api 2.5-20081211

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## 1.206 spring-context-support

### 3.2.11.RELEASE

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Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the

copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/\*"), Steve P. Miller (Pocket UnZip GUI "wince/\*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding in an apparatus that performs LZW encoding, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP License. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

- \* MoreFiles
- \*
- \* A collection of File Manager and related routines
- \*
- \* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
- \* with significant code contributions by Nitin Ganatra



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- \* MacBinaryIII.h
- \*
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- \*
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- \* MacBinary III spec.
- \* -----
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Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS), 71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduce code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

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-----

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The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

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## 1.230 urw-fonts 2.4 :16.el7

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## 1.231 uuid 3.3.2

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## :3.0.0.draft20060413\_v200905140418

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# 1.235 xorg-x11-font-utils 7.5 :20.e17

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## 1.236 XPP3 1.1.4c

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## 1.237 yum 3.4.3 :158.el7.centos

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```
diff -up yum-3.4.3/yum/update_md.py.org yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.org 2017-01-24 18:55:03.529842775 +0100
+++ yum-3.4.3/yum/update_md.py 2017-01-24 18:55:57.213511475 +0100
@@ -58,7 +58,7 @@ class UpdateNotice(object):
     A single update notice (for instance, a security fix).
     """

- def __init__(self, elem=None):
+ def __init__(self, elem=None, repoid=None, vlogger=None):
     self._md = {
         'from'      : "",
         'type'      : "",
@@ -83,6 +83,9 @@ class UpdateNotice(object):
     if elem:
         self._parse(elem)
```

```

+     self._repo_id = repo_id
+     self._vlogger = vlogger
+
+     def __getitem__(self, item):
+         """ Allows scriptable metadata access (ie: un['update_id']). """
+         if type(item) is int:
@@ -103,6 +106,24 @@ class UpdateNotice(object):
+         # Tests to see if it's "the same data", which means that the
+         # packages can be different (see add_notice).

+     def _rid(un):
+         if hasattr(un, '_repo_id') and un._repo_id is not None:
+             return un._repo_id
+         else:
+             return '<unknown>'

+     def _log_failure(data):
+         """Log the mismatched data similarly to conflict markers in git."""
+         if self._vlogger is None:
+             return
+         msg = _('Duplicate of %s differs in some fields:\n')
+         msg %= other._md['update_id']
+         msg += '<<<<<<<<<< %s:%s\n' % (_rid(other), data)
+         msg += '%r\n=====\\n%r\n' % (other._md[data], self._md[data])
+         msg += '>>>>>>>>> %s:%s' % (_rid(self), data)
+         # --verbose mode enables this
+         self._vlogger.log(logginglevels.DEBUG_3, msg)

+         if not other or not hasattr(other, '_md'):
+             return False

@@ -113,6 +134,7 @@ class UpdateNotice(object):
+         if data == 'status': # FIXME: See below...
+             continue
+         if self._md[data] != other._md[data]:
+             _log_failure(data)
+             return False

+         # FIXME: Massive hack, Fedora is really broken and gives status=stable
+         # and status=testing for updateinfo notices, just depending on which
@@ -120,8 +142,10 @@ class UpdateNotice(object):
+         data = 'status'
+         if self._md[data] != other._md[data]:
+             if self._md[data] not in ('stable', 'testing'):
+                 _log_failure(data)
+                 return False
+             if other._md[data] not in ('stable', 'testing'):
+                 _log_failure(data)

```

```

        return False
        # They are both really "stable" ...
        self._md[data] = 'stable'
@@ -574,7 +598,7 @@ class UpdateMetadata(object):
    for event, elem in safe_iterparse(infile, logger=self._logger):
        if elem.tag == 'update':
            try:
-                un = UpdateNotice(elem)
+                un = UpdateNotice(elem, repoid, self._vlogger)
            except UpdateNoticeException, e:
                msg = _("An update notice%s is broken, skipping.") % _rid(repoid)
                if self._vlogger:
@@ -587,6 +611,8 @@ class UpdateMetadata(object):
                msg = _("Update notice %s%s is broken, or a bad duplicate, skipping.") % (un['update_id'],
_rid(repoid))
                if not have_dup:
                    msg += _("\nYou should report this problem to the owner of the %srepository.") % _rid(repoid, "%s ")
+                    msg += _("\nIf you are the owner, consider re-running the same command with --verbose to see the "
+                    'exact data that caused the conflict.')
                have_dup = True
                if self._vlogger:
                    self._vlogger.warn("%s", msg)
diff --git a/yum/update_md.py b/yum/update_md.py
--- a/yum/update_md.py 2015-01-19 07:44:35.567107008 -0500
+++ b/yum/update_md.py 2015-01-19 08:57:31.576489424 -0500
@@ -398,6 +399,9 @@ class UpdateMetadata(object):
        except Errors.RepoMDError:
            continue # No metadata found for this repo

+        self.arch_storage = ArchStorage()
+        self.archlist = self.arch_storage.archlist
+
    def get_notices(self, name=None):
        """ Return all notices. """
        if name is None:
@@ -434,16 +438,29 @@ class UpdateMetadata(object):
        name = oldpkg tup[0]
        arch = oldpkg tup[1]
        ret = []
+
+        other_arch_list = []
+        notices = set()
        for notice in self.get_notices(name):
            for upkg in notice['pkglist']:
                for pkg in upkg['packages']:
+                    other_arch = False
                    if pkg['name'] != name or pkg['arch'] != arch:
-                        continue
+                    if (notice not in notices and pkg['name'] == name and pkg['arch'] in self.archlist):

```



```

+         other_arch = True
+         else:
+         continue
    pkg tup = (pkg['name'], pkg['arch'], pkg['epoch'] or '0',
              pkg['version'], pkg['release'])
    if _rpm_tup_vercmp(pkg tup, oldpkg tup) <= 0:
        continue
-    ret.append((pkg tup, notice))
+    if other_arch:
+        other_arch_list.append((pkg tup, notice))
+    else:
+        ret.append((pkg tup, notice))
+        notices.add(notice)
+    for pkg tup, notice in other_arch_list:
+        if notice not in notices:
+            ret.append((pkg tup, notice))
    ret.sort(cmp=_rpm_tup_vercmp, key=lambda x: x[0], reverse=True)
    return ret

```

```

diff -up yum-3.4.3/yum/update_md.py.old yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.old 2015-05-28 19:23:35.589691937 +0200
+++ yum-3.4.3/yum/update_md.py 2015-05-28 19:24:05.971806965 +0200
@@ -33,6 +33,7 @@ import Errors
import logginglevels

```

```

import rpmUtils.miscutils
+from rpmUtils.arch import ArchStorage

```

```

def safe_iterparse(filename, logger=None):
    GNU GENERAL PUBLIC LICENSE
    Version 2, June 1991

```

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## 1.238 yum-utils 1.1.31 :46.el7\_5

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