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1.21 aspectj.runtime 1.6.2

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1.22 aspectjweaver 1.7.2

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1.24 babel 0.9.6 :8.el7

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1.29 batik-gui-util 1.8.0

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1.30 batik-util 1.8

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Maarten Keijzer (mkeijzer -at- cs.vu.nl) (See Boost list message of Wed, 18 Aug 2004 21:43:18 +0100)

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Nicolai M Josuttis (solutions -at-josuttis.com) (See Boost list message of Mon, 30 Aug 2004 10:52:00 +0100)

Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100)

Paul Mensonides (pmenso57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST)

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Roland Richter (roland -at-flll.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200)

Roland Schwarz (roland.schwarz -at- chello.at)

Ronald Garcia (garcia -at- cs.indiana.edu) (Email to Andreas Huber, see change log)

Samuel Krempp (krempp -at- crans.ens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200)

Stefan Seefeld (seefeld -at- sympatico.ca)

Stephen Cleary (scleary -at- jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100)

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Joerg Walter (jhr.walter - at - t-online.de : email to ublas mailing list Mon, 17 Sep 2007 10:17:08 +0200)

Mathias Koch (mkoch - at - idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200)

--- end ---

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```
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//
      http://www.boost.org/LICENSE_1_0.txt)
//
// 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();
 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,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
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;
 Tt;
 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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// http://www.boost.org/LICENSE_1_0.txt)
//
// 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_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)
Copyright (c) 2007-2012 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2012 Bruno Lalande, Paris, France.
Copyright (c) 2009-2012 Mateusz Loskot, London, UK.
```

```
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<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=US-ASCII">
<title>MPL Interoperability</title>
k rel="stylesheet" href="../../../doc/src/boostbook.css" type="text/css">
<meta name="generator" content="DocBook XSL Stylesheets V1.77.1">
k rel="home" href="../index.html" title="Chapter 1. Boost.TypeTraits">
k rel="up" href="../index.html" title="Chapter 1. Boost.TypeTraits">
k rel="prev" href="intrinsics.html" title="Support for Compiler Intrinsics">
k rel="next" href="examples.html" title="Examples">
</head>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<img alt="Boost C++ Libraries" width="277" height="86" src="../../../.boost.png">
<a href="../../../index.html">Home</a>
<a href="../../../libs/libraries.htm">Libraries</a>
<a href="http://www.boost.org/users/people.html">People</a>
<a href="http://www.boost.org/users/faq.html">FAQ</a>
<a href="../../../more/index.htm">More</a>
<hr>
<div class="spirit-nav">
<a accesskey="p" href="intrinsics.html"><img src="../../../.doc/src/images/prev.png" alt="Prev"></a><a
accesskey="u" href="../index.html"><img src="../../.../doc/src/images/up.png" alt="Up"></a><a accesskey="h"
href="../index.html"><img src="../../../doc/src/images/home.png" alt="Home"></a><a accesskey="n"
href="examples.html"><img src="../../../doc/src/images/next.png" alt="Next"></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>
>
  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.
 >
  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"</pre>
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>
  <span class="identifier">v</span><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><span class="identifier">T</span><span class="special">,</span><span
class="identifier">v</span><span class="special">>></span></code></a>
  (provided <code class="computeroutput"><span class="identifier">T</span></code> is not <code
class="computeroutput"><span class="keyword">bool</span></code>)
 </div>
<div class="copyright-footer">Copyright &#169; 2000, 2011 Adobe Systems Inc, David
Abrahams.
  Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant,
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  Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek, Robert Stewart and Steven
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target=" top">http://www.boost.org/LICENSE 1 0.txt</a>)
  </div>
<hr>
<div class="spirit-nav">
<a accesskey="p" href="intrinsics.html"><img src="../../.../doc/src/images/prev.png" alt="Prev"></a><a
accesskey="u" href="../index.html"><img src="../../../.doc/src/images/up.png" alt="Up"></a><a accesskey="h"
href="../index.html"><img src="../../../doc/src/images/home.png" alt="Home"></a><a accesskey="n"
href="examples.html"><img src="../../../doc/src/images/next.png" alt="Next"></a>
</div>
</body>
</html>
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]
```

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. Subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or http://www.boost.org/LICENSE_1_0.txt) <section id="date_time.license"> <title>Boost Date-Time Library License</title> <bri>dgehead 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> <para>

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```
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</para>

<!--hr / -->

<uli>k#169; 2000-2002

</section>

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```

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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>1964der>Jane Doe
 </copyright>
 <copyright>
  <year>2018</year> <holder>Joe Blow, John Coe</holder>
 </copyright>
 <copyright>
  <year>1977</year> <year>1985holder>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]
```

1

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(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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*
*/

#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"
 "<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"
  "";
//
// input Information:
os << "<a name=\"input\"></a><h2>Input Information</h2>\";
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>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/>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/>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\n \n """
        << i->second.first << "</pre>\n "
        << 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\"></a>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/>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\"></a>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";
  }
  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> \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>" << ad->first << "</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 << "\n";
    ++ad;
  }
  os << "</table>\n";
```

}

```
//
// output file dependency information:
os << "<H2><a name=\"depend\"></a>File Dependency Information</H2><BLOCKQUOTE>\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);
 }
 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);
      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()) \parallel (0 == compare\_paths(dep-> second, last\_dep-> second))) \\
       break;
     }
   os \ll "\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
```

1.32 boost-program-options 1.53.0 :25.el7

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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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```

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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 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(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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1.35 com.ibm.icu 58.2.0 :v20170418-1837

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1.55 core-js 2.6.5

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1.57 cyrus-sasl 2.1.26

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- * Tim Martin
- * Rob Earhart
- * Rob Siemborski

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1.58 cyrus-sasl-lib 2.1.26 :23.el7

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1.60 dom4j 1.6.1

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```
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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.URIConverter;
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;
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/**
* @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. Basic Notifier Impl \#e Notification Required () \\
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#getAdapterFactories()
*/
public EList getAdapterFactories() {
return mslResourceSet.getAdapterFactories();
```

```
}
/* (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#getURIConverter()
public URIConverter getURIConverter() {
return mslResourceSet.getURIConverter();
}
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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 XMIResourceImpl {
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() {
throwUnsupportedOperationException("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()) {
 }
 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 XMIHelperImpl {
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;
 }
 }
};
}
```

1.64 Eclipse Modeling Framework (EMF) 2.13.0

1.65 Eclipse OCL 1.3.0 :v200905271400

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*

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```
* EclipseSource - initial API and implementation
* IBM - ongoing development
**************************
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.
* 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}.
* 
* @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:
 * <u1>
 * Both this object and the given object are of type ILicense
 * The result of <b>getDigest()</b> on both objects are equal
 * 
 */
public boolean equals(Object obj);
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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 <code>License</code> 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 <code>body</code> 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 <code>location</code> is the URL of the license.
private URI location;
/**
```

```
* The <code>digest</code> is the cached message digest of the normalized body
private String digest;
/**
* Creates a new license object which is identified by users using the <code>body</code> 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 <code>null</code>
* @param body the license body, cannot be <code>null</code>
* @throws IllegalArgumentException when the <code>body</code> is <code>null</code>
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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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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*****************************
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 <tt>CopyRangeMarker</tt> 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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1.67 ehcache-core 2.6.0

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lib/csharp/src/Thrift.sln lib/csharp/src/TProcessor.cs lib/csharp/src/Transport/TServerSocket.cs lib/csharp/src/Transport/TServerTransport.cs lib/csharp/src/Transport/TSocket.cs

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lib/csharp/src/Transport/TTransport.cs
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lib/csharp/src/Transport/TTransportFactory.cs
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1.82 hibernate 3.6.3 :Final-Cisco-Patched-1

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1.83 HikariCP 2.7.6

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1.87 influxdb 1.4.2 :6d2685d

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List

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1.88 j2objc-annotations 1.1

1.88.1 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">
k rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
k rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
k rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
k 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">
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">
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">
k 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">
k rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
k rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
k rel="manifest" href="/favicons/manifest.json">
k 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>
k 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;<a</pre>
href="/licenses/">Licenses</a></div>
   cli class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
     <a href="/foundation">Overview</a>
    <a href="/foundation/members.html">Members</a>
    <a href="/foundation/how-it-works.html">Process</a>
    <a href="/foundation/sponsorship.html">Sponsorship</a>
    <a href="/foundation/glossary.html">Glossary</a>
    <a href="/foundation/preFAQ.html">FAQ</a>
    <a href="/foundation/contact.html">Contact</a>
    <a href="/index.html#projects-list">Projects</a>
  cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
     <a href="http://people.apache.org/">Overview</a>
   <a href="http://people.apache.org/committer-index.html">Committers</a>
   <a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a>
   <a href="/foundation/how-it-works.html#roles">Roles</a>
   <a href="http://planet.apache.org/">Planet Apache</a>
    cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
     <a href="/foundation/getinvolved.html">Overview</a>
    <a href="http://community.apache.org/">Community Development</a>
         <a href="http://helpwanted.apache.org/">Help Wanted</a>
    <a href="http://www.apachecon.com/">ApacheCon</a>
     <a href="/dyn/closer.cgi">Download</a>
    cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
```

```
class="caret"></span></a>
     <a href="/foundation/sponsorship.html">Sponsorship</a>
     <a href="/foundation/contributing.html">Donations</a>
     <a href="/foundation/buy stuff.html">Buy Stuff</a>
     <a href="/foundation/thanks.html">Thanks</a>
     </div>
 </div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
   <div class="col-md-6 col-sm-5 col-xs-12">
  <img src="/img/asf logo.png" alt="Apache Logo" style="max-width: 100%;">
 </div>
 <div class="col-md-3 col-sm-3 col-xs-6">
 <a href="http://apache.org/foundation/contributing.html" title="Support Apache">
  <img src="/images/SupportApache-small.png" style="height: 150px; width: 150px; margin-top: 5px; margin-
bottom: 5px;">
 </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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</div></div>

<!-- Footer -->

```
<footer class="bg-primary">
<div class="container">
 <div class="row">
 <br/>br/>
 <div class="col-sm-1">
 </div>
 <div class="col-sm-2">
    <h5 class="white">Community</h5>
     <a href="http://community.apache.org/">Overview</a>
  <a href="/foundation/conferences.html">Conferences</a>
  <a href="http://community.apache.org/gsoc.html">Summer of Code</a>
  <a href="http://community.apache.org/newcomers/">Getting Started</a>
  <a href="/foundation/how-it-works.html">The Apache Way</a>
  <a href="/travel/">Travel Assistance</a>
  <a href="/foundation/getinvolved.html">Get Involved</a>
  <a href="http://community.apache.org/newbiefaq.html">Community FAQ</a>
  <a href="/memorials/">Memorials</a>
     </div>
 <div class="col-sm-2">
  <h5 class="white">Innovation</h5>
     <a href="http://incubator.apache.org/">Incubator</a>
  <a href="http://labs.apache.org/">Labs</a>
  <a href="/licenses/">Licensing</a>
  <a href="/foundation/license-faq.html">Licensing FAQ</a>
  <a href="/foundation/marks/">Trademark Policy</a>
  <a href="/foundation/contact.html">Contacts</a>
     </div>
 <div class="col-sm-2">
  <h5 class="white">Tech Operations</h5>
    <a href="/dev/">Developer Information</a>
   <a href="/dev/infrastructure.html">Infrastructure</a>
   <a href="/security/">Security</a>
   <a href="http://status.apache.org">Status</a>
   <a href="/foundation/contact.html">Contacts</a>
    </div>
 <div class="col-sm-2">
  <h5 class="white">Press</h5>
```

```
<a href="/press/">Overview</a>
   <a href="https://blogs.apache.org/">ASF News</a>
   <a href="https://blogs.apache.org/foundation/">Announcements</a>
   <a href="https://twitter.com/TheASF">Twitter Feed</a>
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</html>
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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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1.95 Jacorb 3.3:0

1.95.1 Available under license:

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Version 2, June 1991

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1.96 Java Servlet API 3.1.0

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1.109 Jquery-ui-dist 1.12.1

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1.110 json-path 2.1.0

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1.111 json-smart 2.3

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1.112 jsr-305 3.0.2

1.113 kryo 5.0.0.RC2

1.114 LALR Parser Generator 1.1.0 :1.1.0

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1.116 libpgm-5.1 5.1.118 :5.1.118

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1.119 libxml2 2.9.1 :6.el7_2.3

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1.120 libyaml 0.1.4 :11.el7_0

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1.123 Isof 4.87:5.el7

1.124 Lsyncd - Live Syncing Daemon 2.1.5

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Upstream-Name: liblz4

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

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

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1.130 moshi 1.5.0

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

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

Comments:

The file Docs/mysql.info is removed from the upstream source because it is incompatible with the Debian Free Software Guidelines. See debian/README.source for how this repacking was done.

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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/*
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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
```

support-files/my-small.cnf.sh

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Docs/*

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client/echo.c

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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

 $mysql\text{-test/lib/mtr_match.pm}$

mysql-test/lib/mtr_misc.pl

 $mysql\text{-}test/lib/mtr_process.pl$

mysql-test/lib/mtr_report.pm

mysql-test/lib/mtr_results.pm

mysql-test/lib/mtr_stress.pl

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mysql-test/lib/My/ConfigFactory.pm

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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
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mysql-test/lib/v1/mtr_cases.pl
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mysql-test/lib/v1/My/*
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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

support-files/ndb-config-2-node.ini.sh

tests/*

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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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- * chris.gross@us.ibm.com initial API and implementation

1.135 Nebula TableCombo 1.0.0.201107181537

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- * Marty Jones <martybjones@gmail.com> initial API and implementation
- * Enrico Schnepel <enrico.schnepel@randomice.net> clear selectedImage bug 297209
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- * Wolfgang Schramm < wschramm@ch.ibm.com> added vertical alignment of text for selected table item.

1.136 net-tools 2.0 :0.22.20131004git.el7

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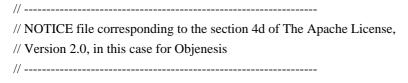
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1.140 okhttp 3.9.1

1.141 openpgm 5.2.122

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1.143 org.apache.servicemix.bundles.okhttp 3.9.1.2

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1.144 org.apache.servicemix.bundles.okio 1.13.0.1

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1.145 org.apache.servicemix.bundles.retrofit 2.3.0.1

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1.146 org.apache.tools.ant 1.7.1

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1.147 org.eclipse.equinox.bidi 1.1.300 :v20160728-1031

1.148

org.eclipse.equinox.launcher.win32.win32.x8 6_64 1.1.550 :v20170928-1359

1.149 pagedown 1.1.0

1.149.1 Available under license:

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1.150 pciutils 3.5.1 :3.el7

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1.151 perl 5.16.3 :292.el7

1.151.1 Available under license:

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 Pisar: Ported to 5.16.3
hv.c
        | 6+++++
        | 7 ++++---
sv.c
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 \ge 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 \Rightarrow 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][5[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;
    \Lambda \{ \text{foo} \} = \text{bar};
    $hhtie::explosive = 1;
+ }
+ { 1; }
+ `;
+}, 'hint-hash copying does not leak');
```

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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 \Rightarrow '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 \Rightarrow '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'
- '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/
```

1.152 perl-Carp 1.26 :244.el7

1.152.1 Available under license:

version: 3

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1.153 perl-constant 1.27 :2.el7

1.153.1 Available under license:

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1.154 perl-Data-Dumper 2.145 :3.el7

1.154.1 Available under license:

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1.155 perl-Encode 2.51 :7.el7

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1.156 perl-Exporter 5.68 :3.el7

1.156.1 Available under license:

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1.157 perl-File-Path 2.09 :2.el7

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1.158 perl-File-Temp 0.23.01 :3.el7

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1.161 perl-HTTP-Tiny 0.033 :3.el7

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1.162 perl-parent 0.225 :244.el7

1.162.1 Available under license:

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1.163 perl-PathTools 3.40 :5.el7

1.163.1 Available under license:

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1.164 perl-Pod-Escapes 1.04 :291.el7

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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 \Rightarrow '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 \Rightarrow '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\text{--} \texttt{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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the same terms as the Perl 5 programming language system itself.
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1.165 perl-Pod-Perldoc 3.20 :4.el7

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1.166 perl-Pod-Simple 3.28 :4.el7

1.166.1 Available under license:

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1.172 perl-Text-ParseWords 3.29 :4.el7

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Reply-To: bug-Text-ParseWords@rt.cpan.org

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/* Prototype JavaScript framework, version 1.7

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1.179 python-babel 0.9.6 :8.el7

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1.180 python-backports 1.0 :8.el7

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1.182 python-chardet 2.2.1 :1.el7_1

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1.183 python-crypto 2.6.1 :15.el7

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Last updated: 2009-02-28

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Date: Sat, 18 Apr 2009 09:14:20 -0400

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To: Mark Moraes <moraes@computer.org>
Subject: PyCrypto license clarification

Message-ID: <20090418131419.GA14494@rivest.dlitz.net>

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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

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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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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. Litzenberger <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: (vmailmgr-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: (qmail 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=OvxqbYnCg7R6tUN3YmlgFURM3CuHh1JeHyXhDzkaThU=; 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=nofws;

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+9tcn1xKuo4Rs4IVvXF6fdqOpQrMyRCxeFooebhuTE35grGqlomOJLwM0+mZwRb6rGkDj763caOAlo8Ect/qlADW5izXfmVQaDchTbTqmpsJBmQnTQs9iZ+InrG+3UIwtUSGfX7fhEWmI9P/HBzxf9Wp4b3jeo=

Message-ID: <551071.34569.qm@web32405.mail.mud.yahoo.com>

X-YMail-OSG:

 $FrK8aWMVM1mFJtLpMGbUbCLjbUQC.i.JkIAKUHSFsFn7t9PbtewAewXJ2uhZGCOlGCX6oVnG3u.CgqzAffY \\ 4vZSnfTT8wnCkzZNZ_g6k.XUc3ipo_6e.92TXl4p8MxDGAf1tpNF5nXPwcQ7aREs7jGoWWVJYVytp50clsUFS \\ Hzf7Zbpa8P1Yoe_xSzf3OAgRSh5fCrbFCC8sHPCuwrL3YhasbtHmkWffteSS.x6gEcBaxf03oz4FeDb5mpJ54g11X \\ onq8h_TmzX9g84Bin9g_3fJ4WSXm6g6.tohLyfXcUxoz4j036wyWpTKPrWEzIUQaN83Sv_bj_Ghxw--$

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. Litzenberger" <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. Litzenberger <dlitz@dlitz.net> wrote:
> From: Dwayne C. Litzenberger <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
> 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
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     country of residence. This
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>
     Incorporating the code into commercial
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```

```
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>
     --amk
>
>
         (www.amk.ca)
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> rights are reserved.
>
> Regards,
> - Dwayne
```

```
> -- Dwayne C. Litzenberger <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. Litzenberger" <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.gm@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.
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>
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       --amk
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           (www.amk.ca)
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>>
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>> ==
>>
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>> - Dwayne
>> -- Dwayne C. Litzenberger <dlitz@dlitz.net>
>> Key-signing key - 19E1
>> 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7
>>
>
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
From dlitz@dlitz.net Sat Feb 28 23:24:14 2009
Date: Sat, 28 Feb 2009 23:24:14 -0500
From: "Dwayne C. Litzenberger" <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/.

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Regards,

- Dwayne

_.

Dwayne C. Litzenberger <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: (vmailmgr-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/ksRqukHwaOZyJQBUs4Yvt5mI20U6mI/g=;

b = oMjI22IIxYiJKge2zNJW3rRiUi9LqFXmey5Wp0pLItuNF + X3duyfhopTuBAKw7MwVY

B5E6VQuGVEyzBbNsctyVgq6DhQiQtouCLZymSViobmuDmKn5DtUKoxpDk0xCxQmHYaas

L9/A6D3/J66kKrNBgX9mc0GPcZTviVFYkPR0Q=

DomainKey-Signature: a=rsa-sha1; c=nofws;

d=gmail.com; s=gamma;

 $h=\!mime\text{-}version\text{:}in\text{-}reply\text{-}to\text{:}references\text{:}date\text{:}message\text{-}id\text{:}subject\text{:}from\text{:}to$

:content-type;

b=Ym7CStuDEfJKay1AJyWZkZmJA1lnTcwCG6akBHAXLld8ht6PFcmlsffzZG8hJCIVJ8 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. Litzenberger <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/.

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> --
> Dwayne C. Litzenberger <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
```

Open Source Used In ROSA VSM Software Version 10.02.00 1093

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha25=

```
6 module, IIRC).</div><div>I&#39;d be fine with the public domain license f=
r the delay in my response.=A0</div>
<div>I don&#39;t really check this email address all that often,</div><div>=
please direct any further correspondence to <a href=3D"mailto:jeethu@jeethu=
rao.com">jeethu@jeethurao.com</a><br><div><br><div class=3D"gmail_quote">On=
Sun, Mar 1, 2009 at 9:54 AM, Dwayne C. Litzenberger <span dir=3D"ltr"><=
<a href=3D"mailto:dlitz@dlitz.net">dlitz@dlitz.net</a>>></span> wrote:<br
<blockquote class=3D"gmail quote" style=3D"margin:0 0 0 .8ex;border-left:1p=</pre>
x #ccc solid;padding-left:1ex;">Hi Jeethu,<br>
<br>
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<br>>
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t<br>
warranty of fitness for use or suitability for any purpose, express<br/>br>
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<br/>br>
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is granted a worldwide, perpetual, royalty-free, non-exclusive license<br/>br>
to exercise all rights associated with the contents of this file for<br/>
sty
any purpose whatsoever. =A0No rights are reserved.<br/>
<br>
Regards, <br>
- Dwayne<br/>font color=3D"#888888">
<br/>br>
-- <br>
Dwayne C. Litzenberger <<a href=3D"mailto:dlitz@dlitz.net" target=3D"_bl=
ank">dlitz@dlitz.net</a>>>br>
=A0 =A0 =A0Key-signing key =A0 - 19E1 1FE8 B3CF F273 ED17 =A04A24 928C EC1=
3 39C2 5CF7<br>
</font></blockquote></div><br><br/>clear=3D"all"><br>-- <br/>br>Jeethu Rao<br/>>br>
</div></div>
--000e0cd209d0e5a3d40464a23054--
Date: Sun, 23 Nov 2008 15:54:35 -0800
From: Wim Lewis <wiml@hhhh.org>
Subject: Re: PyCrypto license clarification
To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>
Cc: Wim Lewis <wiml@hhhh.org>
Message-Id: <9D5C3135-7414-47D7-9D41-0AC6C3A84D97@hhhh.org>
----BEGIN PGP SIGNED MESSAGE----
Hash: SHA1
On November 23, 2008, you wrote:
>Hi Wim,
```

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

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

>

>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.

Certainly! I think the only code of mine in PyCrypto is the CAST-5 / CAST-128 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)

 $iQCVAwUBSSnnAl8UnN8n93LBAQLp/gQAhr7x8Av1mstc2kxEJDWTm26PTAZxMz4B\\ FektbDOzkxgc5580MGGeeX/MVn8aw+1BHg0YD85gsntlDzkcQtb+BR/xAvJ5zKyA\\ J/Mn/I+I6ekJQ3juh8IPHLAduOXM9Rtguas/yR+Doaq0xOPKoBx+/5+t1lLJtBcZ\\ wrPEa9Oui9s=$

=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. Litzenberger <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

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

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

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>

In-Reply-To: <20090301024509.GA13195@rivest.dlitz.net>

Content-Type: text/plain; charset=US-ASCII; format=flowed; delsp=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
evkJnSJQAcVHlZnVlVeR5IXgvDUMakZjU4SOV7MqkhsKA9lIet7PaD9VSYgn3ra5
gElwI2DQDoOy5GExXMm74gqrrb1PCCbCRmpaYNo+DZohwHkeFBjbwDRA3wItOrH7
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. Litzenberger" <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. Litzenberger 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
> 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
SH8AoLJgaq1lIi7/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. Litzenberger" <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".)

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'd like to take steps to move toward a=20 clearer licensing regime. I'm asking as many copyright holders as I can=20 find, starting with you, if I can release PyCrypto under something clearer= =20 and more standard. Below, I have quoted a public domain dedication that=20 trees recommended in . Intellectual Property and Open Source: A Practical=20

was recommended in _Intellectual Property and Open Source: A Practical=20 Guide to Protecting Code_, by Van Lindberg.

May I, on your behalf, dedicate to the public domain your considerable=20 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
--=20
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
--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)
iEYEARECAAYFAkko52IACgkQHBG4d+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: (vmailmgr-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

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, 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. Litzenberger <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: (vmailmgr-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=gyTqkRhKlHadFKIZCBWsRbnMNVDq1PWlJbyC0EvxPskaoHr3HAR96MWQNBePu/40Ac

Vn55qlIqTdom4e9zlUEE6MwZo9kqi/Qw0L/SLib0DlQeNqo/eHYqPmuVswltaYwNAyMJacket Market Mar

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;

 $b \!=\! jze7KSMkUGilfVCXKXaaXMi5NAtGdMQOtVZZfRNyGSy68xOd2sxefjyyig3EfT6Nv6$

Q3 op UMs T96Q6zjZND55w446kTh2uBTNz4d3NwIeEWJnG3xcliRQu/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>

```
Date: Mon, 3 Aug 2009 12:13:43 -0400
Message-ID: <324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>
Subject: Re: PyCrypto license clarification
To: "Dwayne C. Litzenberger" <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. Litzenberger<dlitz@dlitz.net> wro=
te:
> 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. =C2=A0May I, on your behalf, dedicate to the pu=
blic
> domain all your contributions to PyCrypto, with the following notice?
>
> =C2=A0The contents of this file are dedicated to the public domain. =C2=
=A0To the
> =C2=A0extent that dedication to the public domain is not available, every=
> =C2=A0is granted a worldwide, perpetual, royalty-free, non-exclusive lice=
nse
> =C2=A0to exercise all rights associated with the contents of this file fo=
> =C2=A0any purpose whatsoever. =C2=A0No rights are reserved.
Yes, that's fine. Good luck with the new release!
-p
--=20
Paul Swartz
paulswartz at gmail dot com
http://paulswartz.net/
```

From: Paul Swartz <paulswartz@gmail.com>

```
From dlitz@dlitz.net Mon Aug 3 14:35:01 2009
Date: Mon, 3 Aug 2009 14:35:01 -0400
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>
To: Paul Swartz <paulswartz@gmail.com>
Subject: Re: PyCrypto license clarification
Message-ID: <20090803183501.GA17472@rivest.dlitz.net>
References: <20090803014825.GA1326@rivest.dlitz.net>
<324cfb540908030913x71d331f0kb069052f74e5ae6b@mail.gmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1; format=flowed
Content-Disposition: inline
Content-Transfer-Encoding: 8bit
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. Litzenberger<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. Litzenberger <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. Litzenberger" <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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--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.

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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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Regards,

- Dwayne

__

Dwayne C. Litzenberger <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: (vmailmgr-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])

 $(envelope\text{-}sender <\! joris@bontje.nl\!>)$

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. Litzenberger" <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. Litzenberger" <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.
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> Incorporating the code into commercial products is permitted; you do
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> any purpose whatsoever. No rights are reserved.
> Regards,
> - Dwayne
```

```
> --
```

> Dwayne C. Litzenberger <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. Litzenberger" <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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>> any purpose whatsoever. No rights are reserved.
>>
>> Regards,
>> - Dwayne
>>
>> --
>> Dwayne C. Litzenberger <dlitz@dlitz.net>
>> Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7
>
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
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 Derived Year Owner GPL-from compatible? (1)

0.9.0 thru 1.2		1991-	1995 CW	I yes
1.3 thru 1	.5.2 1.2	1995	-1999 CN	NRI 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	5.1 2001	PSF	yes
2.1.1	2.1+2.0	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:

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LICENSE.orig Original (deprecated) license for the Python Cryptography Toolkit LICENSE.libtom LICENSE file from LibTomCrypt

stmts/ Statements by contributors

From dlitz@dlitz.net Wed Aug 27 20:54:38 EDT 2008

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)

Received: (vmailmgr-postfix 3270 invoked by uid 1003); 27 Aug 2008 18:45:05 -0600

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

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

Received: from m14.itconsult.net (m14.itconsult.net [193.201.42.13])

by goedel.dlitz.net (Postfix) with ESMTP id 1D3B510088

for <dlitz@dlitz.net>; Wed, 27 Aug 2008 18:45:04 -0600 (CST)

Received: from stamper.itconsult.co.uk (stamper.itconsult.co.uk

[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,

enc@nsa.gov,

web_site@bis.doc.gov,

pycrypto@lists.dlitz.net,

PYTHON-CRYPTO@NIC.SURFNET.NL,

dlitz@dlitz.net

Received-SPF: Pass (m14.stamper.itconsult.co.uk: domain of dlitz@dlitz.net

designates 64.5.53.201 as permitted sender) identity=mailfrom;

client-ip=64.5.53.201; receiver=m14.stamper.itconsult.co.uk;

helo=goedel.dlitz.net; mechanism=-all; envelope-from=dlitz@dlitz.net;

Received: from goedel.dlitz.net (goedel.dlitz.net [64.5.53.201]) by

m14.stamper.itconsult.co.uk (GMS 15.01.3664/NT8923.00.54dca388) with ESMTP id

taxsjqaa for post@stamper.itconsult.co.uk; Thu, 28 Aug 2008 01:42:58 +0100

Received: from rivest.dlitz.net (rivest.dlitz.net [IPv6:2002:4c0a:9133:1104::1])

by goedel.dlitz.net (Postfix) with ESMTP id 667C7100B1

for <post@stamper.itconsult.co.uk>; Wed, 27 Aug 2008 18:42:56 -0600 (CST)

Received: by rivest.dlitz.net (Postfix, from userid 1000)

id B92F8C66420; Wed, 27 Aug 2008 20:42:55 -0400 (EDT)

Received: by rivest.dlitz.net (tmda-sendmail, from uid 1000);

Wed, 27 Aug 2008 20:42:54 -0400

Date: Wed, 27 Aug 2008 20:42:54 -0400

Cc: post@stamper.itconsult.co.uk

Subject: PyCrypto TSU NOTIFICATION

Message-ID: <20080828004254.GA31214@rivest.dlitz.net>

MIME-Version: 1.0

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

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) X-Delivery-Agent: TMDA/1.1.9 (Jura)

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

X-DNSBL: 0

Status: O

Content-Length: 2182

Lines: 65

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

#

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stamper.itconsult.co.uk certifying that a user

claiming to be:-

dlitz@dlitz.net

requested that this message be sent to:-

crypt@bis.doc.gov

enc@nsa.gov

web_site@bis.doc.gov

pycrypto@lists.dlitz.net

PYTHON-CRYPTO@NIC.SURFNET.NL

dlitz@dlitz.net

#

This certificate was issued at 00:45 (GMT)

on Thursday 28 August 2008 with reference 0520978

#

CAUTION: while the message may well be from the sender

indicated in the "From:" header, the sender

has NOT been authenticated by this service

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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.

(Sorry for spamming the lists, but I want there to be a record of this.)

- --

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

iQEVAgUBSLX1DYGVnbVwth+BAQEcuwf9EWnXLqSO5bPzR9K9QnTPcsKbTljKjPxrd+q0E7eE8VtnvvijUcTAR9o27yvzOPxdFT864MQA7OTSbPK39aGAgA4fgAgvYH9tUNjJ/kv8QLz/aq2fi/HNjyrwnqFnUl0uqwpOrQGbz8Y+SGpVh1gKqy1Ju45L+doqsxbzCOpjgRv2zDdNR/2SnFmDWQXv8dSeonwIHpQDft8/LVA/gHiTDmteQlOhJQ6oXYhY+HbRjsD741/GSpOt9IlN5ln0UgshFoLIndnNSAvWf4aPyh5KCN7ho+/BC0v/W/pqSSlPkwmbhlPHoOltTkNc0qKLAHXqMGJNhO8AkrYZOyJksb0HsA== = 3oIX

----END PGP SIGNATURE----

1.184 python-deltarpm 3.6 :3.el7

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1.185 python-ipaddress 1.0.16 :2.el7

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1.186 python-jinja2 2.7.2 :2.el7

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1.187 python-kitchen 1.1.1 :5.el7

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1.188 python-markupsafe 0.11 :10.el7

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1.189 python-msgpack 0.4.6 :1.el7

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1.190 python-psutil 2.2.1 :1.el7

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1.191 python-requests 2.6.0 :1.el7_1

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1.192 python-six 1.9.0 :2.el7

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1.194 python-urlgrabber 3.10 :8.el7

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1.195 python-urllib3 1.10.2 :5.el7

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- * erikcederstrand http://code.google.com/u/erikcederstrand/
- * NTLM-authenticated HTTPSConnectionPool
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- * Various bugfixes and test improvements.
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- * Fixed pickle support of some exceptions
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- * Allowed to skip SSL hostname verification
- * Cory Benfield http://lukasa.co.uk/about/
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- * Return native strings in header values.
- * Generate 'Host' header when using proxies.
- * Jason Robinson <jaywink@basshero.org>
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- * Updates to the default SSL configuration
- * [Your name or handle] < [email or website]>
- * [Brief summary of your changes]

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1.196 python-zmg 15.3.0 :2.el7

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better. However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not

covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

- 2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
 - a) The modified work must itself be a software library.
 - b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
 - c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
 - d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If

identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding

machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

- 7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:
 - a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the

Sections above.

- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
- 8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

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>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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You should have received a copy of the GNU Library General Public

License along with this library; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

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!

1.202 rsync 3.1.2 :4.el7

1.202.1 Available under license:

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Preamble

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The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

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.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other

than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction

and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section
- 7. This requirement modifies the requirement in section 4 to

"keep intact all notices".

- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because

modification has been made.

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salt.modules.win_license module

.. automodule:: salt.modules.win_license

salt.states.win_license module

:members:

.. automodule:: salt.states.win_license
:members:

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# -*- coding: utf-8 -*-
This module allows you to manage windows licensing via slmgr.vbs
.. code-block:: bash
 # 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):
```

Note: This is not 100% accurate as we can only see the last

Check to see if the product key is already installed.

5 digits of the license.

```
CLI Example:
 .. code-block:: bash
   salt '*' license.installed XXXXX-XXXXX-XXXXXX-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
 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
 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
 XXXXX-XXXXX-XXXXX-XXXXX:
   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.'
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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```
# -*- 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-AAAA-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-AAAA-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-AAAA-ABCDE')
      mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /ipk '
                       'AAAAA-AAAAA-AAAA-AAAA-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-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-AAAA-ABCDE')
      info_mock.assert_called_once_with()
      install\_mock.assert\_called\_once\_with ('AAAAA-AAAAA-AAAA-AAAA-AAAA-AAAA-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-AAAA-AAAA-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-AAAA-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-AAAA-AAAA-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-AAAA-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-AAAA-AAAA-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-AAAA-ABCDE')
    info_mock.assert_called_once_with()
    install_mock.assert_called_once_with('AAAAA-AAAAA-AAAAA-AAAA-AAAA-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-AAAA-AAAA-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-AAAA-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:
```

1.205 sendmail 8.14.7 :5.el7

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\$Id: BSD.m4,v 8.6 1999/05/27 22:03:28 peterh Exp \$

depend: \${BEFORE} \${LINKS} @mv Makefile Makefile.old

@sed -e '/^# Do not edit or remove this line or anything below it.\$\$/,\$\$d' < Makefile.old > Makefile

@echo "# Do not edit or remove this line or anything below it." >> Makefile

mkdep -a -f Makefile \${COPTS} \${SRCS}

End of \$RCSfile: BSD.m4,v \$

1.206 servlet-api 2.5-20081211

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1.212 snmp4j-agent 2.3.3

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1.215 Spring LDAP Core 1.3.1.RELEASE

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1.219 spring-context-support

3.2.11.RELEASE

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1.240 systemd 219-57.el7_5.3

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1.241 tornado 4.2.1

1.242 unzip 6.0 :19.el7

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*

* A collection of File Manager and related routines

*

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1.245 w3c.dom.events 3.0.0

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1.249 XPP3 1.1.4c

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1.250 xz-java_ASLv2.0 1.8 :1

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Upstream-Name: XZ for Java

Upstream-Contact: Lasse Collin lasse.collin@tukaani.org

Source: http://git.tukaani.org/?p=xz-java.git

Files: *

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1.251 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._repoid = repoid
     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, '_repoid') and un._repoid is not None:
           return un._repoid
        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 \cdot n = = = = -n\%r \cdot 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 = oldpkgtup[0]
    arch = oldpkgtup[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:
+
            pkgtup = (pkg['name'], pkg['arch'], pkg['epoch'] or '0',
```

```
pkg['version'], pkg['release'])
           if _rpm_tup_vercmp(pkgtup, oldpkgtup) <= 0:
              continue
            ret.append((pkgtup, notice))
             if other arch:
               other_arch_list.append((pkgtup, notice))
             else:
               ret.append((pkgtup, notice))
               notices.add(notice)
      for pkgtup, notice in other arch list:
+
        if notice not in notices:
+
           ret.append((pkgtup, 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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1.252 yum-utils 1.1.31 :46.el7_5

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1.253 zeromq 4.1.4 :5.el7

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