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1.4 angular-ui-bootstrap 2.5.6
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1.6 angular-ui-sortable 0.19.0

1.7 AngularJS 1.7.5

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1.8 animal-sniffer-annotations 1.14

1.9 Apache Commons - DBCP 1.2.2.osgi

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1.21 aspectjweaver 1.7.2

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namespace intrusive {
namespace detail {

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

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

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

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

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

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

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

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

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

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

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

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

template<
    bool C
, typename F1
, typename F2
>
struct eval_if_c
: if_c<C,F1,F2>::type
{
};
template<
    typename C
, typename T1
, typename T2
>
struct eval_if
: if_<C,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

#include<typeinfo>
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;  };

#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;  };

#endif
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;  };
#endif

// 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

// else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS
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<T>
{   static const std::size_t value = alignment_logic::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<typename T>
struct remove_reference
```cpp
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>

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
	///////////////////////////////////////////////////////
	//
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	//
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	// (See accompanying file LICENSE_1_0.txt or copy at
	// http://www.boost.org/LICENSE_1_0.txt)
	//
	//
	///////////////////////////////////////////////////////

#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;

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

#endif // BOOST_INTERPROCESS_DETAIL_MPL_HPP
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> {};

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)
//
//
polator bool() const { return bool_::value; }

#include <cstddef>

namespace boost {
namespace container {
namespace container_detail {

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

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

typedef true_ true_type;
typedef false_ false_type;

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

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

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

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

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

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

template<
    bool C
    , typename T1
    , typename T2>

struct if_c
{
    typedef T1 type;
};

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

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

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

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

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

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

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

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

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

template <> struct unvoid<void> { struct type { }; }

template <> struct unvoid<const void> { struct type { }; };

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

BOOST_GEOMETRY (aka GGL, Generic Geometry Library)

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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>
<link rel="stylesheet" href="../doc/src/boostbook.css" type="text/css"/>
<meta name="generator" content="DocBook XSL Stylesheets V1.77.1"/>
<link rel="home" href="../index.html" title="Chapter 1. Boost.TypeTraits"/>
<link rel="up" href="../index.html" title="Chapter 1. Boost.TypeTraits"/>
<link rel="prev" href="intrinsics.html" title="Support for Compiler Intrinsics"/>
<link rel="next" href="examples.html" title="Examples"/>
</head>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF"/>
All the value based traits in this library conform to MPL's requirements for
an Integral Constant type: that includes a number of rather intrusive workarounds
for broken compilers.

Purely as an implementation detail, this means that <code class="computeroutput">
inherits from <a href="/libs/mpl/doc/refmanual/bool.html" target="_top">true_type</a> (provided <code class="computeroutput">}</code>
[section:mpl MPL Interoperability]

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

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

[endsect]
The following is the overall license for the boost date_time library. This notice is found in all source files related to the library.

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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@mitiam.mitia.oz.au), Michel Schinz, and

Martin Tauchmann (martintauachmann@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.ms.uu> on

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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>

#include <boost/filesystem/path.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">
    "
    "<html>
    "
    "<head>
    "
    "<title>Boost Licence Dependency Information">
    if(m_module_list.size() == 1)


```
{
    os << " for " << *(m_module_list.begin());
}

os << "</title>
" << "</head>
" << "</body>
" << "<H1>Boost Licence Dependency Information</H1>
" << "<H2>Contents</h2>
" << "<pre>
" << "<a href="#input">Input Information</a>
" << "<a href="#summary">Licence Summary</a>
" << "<a href="#details">Licence Details</a>
" << "<a href="#files">Files with no recognised license</a>
" << "<a href="#authors">Files with no recognised copyright holder</a>
" << (m_bsl_summary_mode ? "" : "Moving to the Boost Software License...
" " <a href="#bsl-converted">Files that can be automatically converted to the Boost Software License</a>
" " <a href="#to-bsl">Files that can be manually converted to the Boost Software License</a>
" " <a href="#not-to-bsl">Files that can NOT be moved to the Boost Software License</a>
" " <a href="#need-bsl-authors">Authors we need to move to the Boost Software License</a>
" " <a href="#copyright">Copyright Holder Information</a>
" << "</a>
" << "</pre>

// input Information:
//
```
```
if(m_scan_mode)
    os << "&lt;P&gt;The following files were scanned for boost dependencies:&lt;BR&gt;";
else
    os << "&lt;P&gt;The following Boost modules were checked:&lt;BR&gt;";

std::list&lt;std::string&gt;::const_iterator si = m_module_list.begin();
std::list&lt;std::string&gt;::const_iterator sj = m_module_list.end();
while(si != sj)
{
    os << *si << "&lt;BR&gt;";
    ++si;
}

os << "&lt;/p&gt;&lt;p&gt;The Boost path was: &lt;code&gt;" &lt;&lt; m_boost_path.string() &lt;&lt; ":&lt;/code&gt;&lt;/p&gt;";

//
// 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&lt;int&gt;(what.str(1));
    os << "&lt;p&gt;The Boost version is: &lt;code&gt;" &lt;&lt; version / 100000 &lt;&lt; ":&lt;/code&gt;&lt;/p&gt;";
}

//
// output each license:
//
i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
    // start with the summary:
    //
    os << "&lt;a name="summary"&gt;&lt;/a&gt;&lt;h2&gt;Licence Summary&lt;/h2&gt;&lt;/a&gt;\n";
    while(i != j)
    {
        // title:
        os << "&lt;h3&gt;" &lt;&lt; licenses.first[i-&gt;first].license_name &lt;&lt; "&lt;/h3&gt;&lt;/a&gt;\n";
        // license text:
        os << "&lt;BLOCKQUOTE&gt;" &lt;&lt; licenses.first[i-&gt;first].license_text &lt;&lt; "&lt;/BLOCKQUOTE&gt;";
        // 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>
    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:";
            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:";
    std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
    while(m != n)
    {
        os << split_path(m_boost_path, *m) << "<br>\n";
        ++m;
    }
    os << "</P></BLOCKQUOTE>\n";
else
{
    os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P><br>
    os << "<P>This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P><br>
}
++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><br>
"<P>The following " << m_unknown_licenses.size() << " files had no recognisable license information:</P><BLOCKQUOTE><P>
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>";
    ++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><br>
"<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright holder:</P><br>
<BLOCKQUOTE><P>
i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>";
    ++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><br>
""<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:

```
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>
        <table border="1">
          <tr>
            <td><pre>
            " << i->second.first << 
            </pre></td>
            <td><pre>
            " << i->second.second << 
            </pre></td>
          </tr>
        </table>
        
        +i;
        ++file_num;
    }
}
```

// Output list of files that could be moved over to the Boost Software License

```
//
// 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>

The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost Software License, but have not yet been:

```
i2 = m_can_migrate_to_bsl.begin();
j2 = m_can_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "\n"
    +i2;
}
```

```
// 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>

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:

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

```
// 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><br/>
"<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>

std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
std::ostream_iterator<std::string>(os, "<br>
"));

//
// output a table of copyright information:
//
os << "<H2><a name="copyright"></a>Copyright Holder Information</H2><table border="1">
std::map<std::string, std::set<fs::path, path_less> >::const_iterator ad, ead;
ad = m_author_data.begin();
ead = m_author_data.end();
while(ad != ead)
{
    os << "<tr><td>" << ad->first << "</td><td>
";
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = ad->second.begin();
efi = ad->second.end();
while(fi != efi)
{
    os << split_path(m_boost_path, *fi) << " 
";
    ++fi;
}
os << "</td></tr><br>
";
++ad;
}
os << "</table><br>
"

// output file dependency information:
//
os << "<H2><a name="depend"></a>File Dependency Information</H2><pre>
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(m_bsl_summary_mode)
{
    bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());

typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
::const_iterator conv_iterator;

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

os << "</body></html>";
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 @@
@@ -52,22 +52,21 @@
    mpl::identity<T>
    #if defined(__MWERKS__)
    }, aux::print_base
-#endif
+#endif
+
+#endif
{
    #if defined(BOOST_MSVC)
    enum { n = sizeof(T) + -1 };  
    #elif defined(__MWERKS__)
    void f(int);
-#else
-    enum {
-        n =
-# if defined(__EDG_VERSION__)  
-        aux::dependent_unsigned<T>::value > -1
-# else
-        sizeof(T) > -1
-# endif
-    };  
-    #endif
+    #elif defined(__EDG_VERSION__)  
+    enum { n1 };  
+    #elif defined(BOOST_GCC)  
+    enum { n1 };  
+    enum { n2 };  
+    enum { n = n1 != n2 };  
+    #else  
+    enum { n = sizeof(T) > -1 };  
+    #endif
+}

    #if defined(BOOST_MSVC)
1.30 boost-program-options 1.53.0 :25.el7
1.30.1 Available under license:

Boost Software License - Version 1.0 - August 17th, 2003

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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(agr@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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Go support for Protocol Buffers - Google's data interchange format

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1.56 dom4j 1.6.1

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import java.util.HashMap;
import java.util.Map;
import org.eclipse.emf.common.util.EList;
import org.eclipse.emf.common.util.URI;
import org.eclipse.emf.ecore.EObject;
import org.eclipse.emf.ecore.EPackage.Registry;
import org.eclipse.emf.ecore.resource.Resource;
import org.eclipse.emf.ecore.resource.ResourceSet;
import org.eclipse.emf.ecore.resource.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;
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCorePlugin;

/**
 * @author Yasser Lulu
 */
public class CopyingResourceSet
extends ResourceSetImpl {

private ResourceSetImpl mslResourceSet;
private Map resourcesMap;

package org.eclipse.gmf.runtime.emf.core.clipboard;
import java.util.HashMap;
import java.util.Map;
import org.eclipse.emf.common.util.EList;
import org.eclipse.emf.common.util.URI;
import org.eclipse.emf.ecore.EObject;
import org.eclipse.emf.ecore.EPackage.Registry;
import org.eclipse.emf.ecore.resource.Resource;
import org.eclipse.emf.ecore.resource.ResourceSet;
import org.eclipse.emf.ecore.resource.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;
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCorePlugin;

/**
 * @author Yasser Lulu
 */
public class CopyingResourceSet
extends ResourceSetImpl {

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

public Map getResourcesMap() {
    return resourcesMap;
}

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

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

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

/* (non-Javadoc)
* @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#createResource(org.eclipse.emf.common.util.URI)
*/
public Resource createResource(URI uri) {
    throwUnsupportedOperationException("createResource",//$NON-NLS-1$
        new UnsupportedOperationException("Can't create resources on MSLCopyingResourceSet");//$NON-NLS-1$
    return null;
}

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

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

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

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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;
import org.eclipse.emf.ecore.resource.ResourceSet;
import org.eclipse.emf.ecore.util.EcoreUtil;
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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;

import org.eclipse.emf.ecore.emf.ecore.util.EList;
import org.eclipse.emf.ecore.emf.ecore.util.URI;
import org.eclipse.emf.ecore.emf.ecore.EObject;
import org.eclipse.emf.ecore.emf.ecore.EStructuralFeature;
import org.eclipse.emf.ecore.emf.ecore.InternalEObject;
import org.eclipse.emf.ecore.emf.ecore.resource.Resource;
import org.eclipse.emf.ecore.emf.ecore.resource.ResourceSet;
import org.eclipse.emf.ecore.emf.ecore.util.EcoreUtil;
import org.eclipse.emf.ecore.emf.ecore.util.InternalEList;
import org.eclipse.emf.ecore.emf.ecore.xmi.XMLHelper;
import org.eclipse.emf.ecore.emf.ecore.xmi.XMLLoad;
import org.eclipse.emf.ecore.emf.ecore.xmi.XMLResource;
import org.eclipse.emf.ecore.emf.ecore.xmi.XMLSave;
import org.eclipse.emf.ecore.emf.ecore.xmi.impl.XMIHelperImpl;
import org.eclipse.emf.ecore.emf.ecore.xmi.impl.XMIResourceImpl;
import org.eclipse.emf.ecore.emf.ecore.xmi.impl.XMISaveImpl;
import org.eclipse.emf.ecore.emf.runtime.emf.core.runtime.common.core.util.Trace;
import org.eclipse.emf.ecore.emf.runtime.emf.core.internal.plugin.EMFCoreDebugOptions;
import org.eclipse.emf.ecore.emf.runtime.emf.core.internal.plugin.EMFCorePlugin;
import org.eclipse.emf.ecore.emf.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 UnsupportedOperationExce$$NON-NLS-1$
protected XMLHelper createXMLHelper() {
    return new CopyingHelper(this);
}

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

/**
 * @see org.eclipse.emf.common.notify.implNotifierImpl#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 UnsupportedOperationEx("Can't call load on CopyingResource resource")); //$NON-NLS-1$
}

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

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

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

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

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

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

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

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

public void attached(EObject eObject) {
    //disable
}

public void detached(EObject eObject) {
    //disable
}

public Map getEObjectToExtensionMap() {
    return getXMLResource().getEObjectToExtensionMap();
}

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(java.lang.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(anUri.scheme()))) &&
             (EMFCoreConstants.PLATFORM_SCHEME.equals(anUri.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);
}

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

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

1.60 Eclipse Modeling Framework (EMF) 2.13.0

1.61 Eclipse OCL 1.3.0 :v200905271400

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 * The <code>ILicense</code> interface represents a software license. A license has required body text
 * which may be the full text or an annotation. An optional URL field can be specified
 * which links to full text. Licenses can be easily compared using their digests.
 * Licenses can be added to arbitrary installable units, and will typically be displayed to
 * end users and require explicit agreement before installation proceeds.
 * <p>
 * Instances of this class are handle objects and do not necessarily
 * reflect entities that exist in any particular profile or repository. These handle
 * objects can be created using {@link MetadataFactory}.
 * <p>
 * @noImplement This interface is not intended to be implemented by clients.
public interface ILicense {

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

    /**
     * Returns the license body.
     *
     * @return the license body, never \texttt{null}
     */
    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 \texttt{BigInteger}, never \texttt{null}
     */
    public String getUUID();

    /**
     * Returns whether this license is equal to the given object.
     *
     * This method returns \texttt{true} if:
     * \begin{itemize}
     *  \item Both this object and the given object are of type ILicense
     *  \item The result of \texttt{getDigest()} on both objects are equal
     * \end{itemize}
     *
     */
    public boolean equals(Object obj);

}

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*
* Contributors:
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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>
 * @param @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");
    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 \texttt{null}
 */
public URI getLocation() {
    return location;
}

/**
 * Returns the license body.
 * @return the license body, never \texttt{null}
 */
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 \texttt{BigInteger}, never \texttt{null}
 */
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()
 */

/**
 * 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(' ');
        else
            result.append(c);
    }
    return result.toString();
}

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* which accompanies this distribution, and is available at
package org.eclipse.equinox.internal.p2.metadata;

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

/**
 * The <code>Copyright</code> class represents a software copyright. A copyright has
 * required body text which may be the full text or a summary. An optional location field can be specified
 * which links to full text.
 */
public class Copyright implements ICopyright {

    private final String body;

    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");
        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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*
* Contributors:
* IBM Corporation - initial API and implementation
*******************************************************************************
package org.eclipse.text.edits;
import org.eclipse.jface.text.BadLocationException;
import org.eclipse.jface.text.IDocument;

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

private String fText;

/**
* Creates a new <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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Version 1.1

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1.79 http-status-codes 1.3.0

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1.83 j2objc-annotations 1.1

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### 1.90 Jacorb 3.3 :0

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1.104 Jquery-ui-dist 1.12.1

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1.105 json-path 2.1.0

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1.113 libxml2 2.9.1 :6.el7_2.3

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*
*************************************************************************/

/*
* Private functions, types, etc. used for callback functions.
*
* The ref pointer is an opaque type and should remain as such.
* Private data must only be accessible through the getter and
* setter functions.
*
************************************************************************/

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1.114 libyaml 0.1.4 :11.el7_0

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1.117 ls/of 4.87 :5.el7

1.118 Lsyncd - Live Syncing Daemon 2.1.5
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dbug/my_main.c
dbug/remove_function_from_trace.pl
dbug/tests.c
dbug/tests-t.pl
extra/yassl/src/dummy.cpp
include/probes_mysql_nodtrace.h
libmysqld/resource.h
mysql-test/*
regex/*
sql-bench/graph-compare-results.sh
storage/ndb-bin/*
storage/ndb/demos/*
support-files/binary-configure.sh
support-files/my-huge.cnf.sh
support-files/my-innodb-heavy-4G.cnf.sh
support-files/my-large.cnf.sh
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dbug/dbug_add_tags.pl
eextra/*
include/*
lbmysql/*
lbmysqld/*
libservices/*

mysql-test/include/have_perfschema.inc
mysql-test/include/have_perfschema.inc
mysql-test/lib/mtr_cases.pm
mysql-test/lib/mtr_gcov.pl
mysql-test/lib/mtr_gprof.pl
mysql-test/lib/mtr_io.pl
mysql-test/lib/mtr_match.pm
mysql-test/lib/mtr_misc.pl
mysql-test/lib/mtr_process.pl
mysql-test/lib/mtr_report.pm
mysql-test/lib/mtr_results.pm
mysql-test/lib/mtr_stress.pl
mysql-test/lib/mtr_unique.pm
mysql-test/lib/My/ConfigFactory.pm
mysql-test/lib/My/Config.pm
mysql-test/lib/My/CoreDump.pm
mysql-test/lib/My/File/*
mysql-test/lib/My/Find.pm
mysql-test/lib/My/Handles.pm
mysql-test/lib/My/Options.pm
mysql-test/lib/My/Platform.pm
mysql-test/lib/My/SafeProcess/Base.pm
mysql-test/lib/My/SafeProcess.pm
mysql-test/lib/My/SafeProcess/safe_kill_win.cc
mysql-test/lib/My/SafeProcess/safe_process.cc
mysql-test/lib/My/SafeProcess/safe_process.pl
mysql-test/lib/My/SafeProcess/safe_process_win.cc
mysql-test/lib/My/SysInfo.pm
mysql-test/lib/My/Test.pm
mysql-test/lib/*
mysql-test/lib/v1/mtr_cases.pl
mysql-test/lib/v1/mtr_gcov.pl
mysql-test/lib/v1/mtr_gprof.pl
mysql-test/lib/v1/mtr_im.pl
mysql-test/lib/v1/mtr_io.pl
mysql-test/lib/v1/mtr_match.pl
mysql-test/lib/v1/mtr_misc.pl
mysql-test/lib/v1/mtr_process.pl
mysql-test/lib/v1/mtr_report.pl
mysql-test/lib/v1/mtr_stress.pl
mysql-test/lib/v1/mtr_timer.pl
mysql-test/lib/v1/mtr_unique.pl
mysql-test/lib/v1/My/*
mysql-test/lib/v1/My/*
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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/*
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/*
unittest/*
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    cmd-line-utils/libedit/filecomplete.h
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    scripts/mysql_fix_extensions.sh
    scripts/mysql_setpermission.sh
    sql-bench/*
    storage/myisam/ftbench/ft-test-run.sh
storage/myisam/mi_test_all.sh
storage/ndb/test/run-test/atrt-analyze-result.sh
storage/ndb/test/run-test/atrt-clear-result.sh
storage/ndb/test/run-test/atrt-gather-result.sh
storage/ndb/test/run-test/atrt-setup.sh
storage/ndb/test/run-test/make-config.sh
storage/ndb/test/run-test/make-html-reports.sh
storage/ndb/test/run-test/make-index.sh
storage/ndb/test/run-test/ndb-autotest.sh
strings/strxmov.c
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sql-bench/innotest1a.sh
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storage/myisam/rt_key.c
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storage/innobase/trx/trx0rseg.c
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org.eclipse.nebula.animation.BounceOut
org.eclipse.nebula.animation.ElasticOut

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 */

1.138
org.eclipse.equinox.launcher.win32.win32.x86_64 1.1.550 :v20170928-1359

1.139 pagedown 1.1.0
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1.140 pciutils 3.5.1 :3.el7

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1.141 perl 5.16.3 :292.el7

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

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

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

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

Petr Pisar: Ported to 5.16.3

---

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

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

diff --git a/hv.c b/hv.c
index 3c35341..29d6352 100644
--- a/hv.c
+++ b/hv.c
@@ -1440,6 +1440,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
 const I32 riter = HvRITER_get(ohv);
 HE * const eiter = HvEITER_get(ohv);
+	ENTER;
+	SAVEFREESV(hv);
+
while (hv_max && hv_max + 1 >= hv_fill * 2)
    hv_max = hv_max / 2;
HvMAX(hv) = hv_max;
@@ -1461,6 +1464,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
 }
HvRITER_set(ohv, riter);
HvEITER_set(ohv, eiter);
+	SvREFCNT_inc_simple_void_NN(hv);
+LEAVE;
 }

hv_magic(hv, NULL, PERL_MAGIC_hints);
return hv;
diff --git a/sv.c b/sv.c
index a43feac..597d71b 100644
--- a/sv.c
+++ b/sv.c
@@ -8764,11 +8764,12 @@ Perl_newSVsv(pTHX_ register SV *const old)
     /* Do this here, otherwise we leak the new SV if this croaks. */
     /* SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games
        with SvTEMP_off and SvTEMP_on round a call to sv_setsv. */
-    /* SV_GMAGIC is the default for sv_setv() 
-    SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games
+    sv_getsv( SV_GMAGIC | SV_NOSTEAL);
+    sv_setsv_flags(sv, old, SV_GMAGIC | SV_NOSTEAL);
     return sv;
 }

diff --git a/t/op/svleak.t b/t/op/svleak.t
index 2f09af3..011c184 100644
--- a/t/op/svleak.t
+++ b/t/op/svleak.t
@@ -13,7 +13,7 @@ BEGIN {
 or skip_all("XS::APItest not available");
 }

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

 # run some code N times. If the number of SVs at the end of loop N is
 # greater than (N-1)*delta at the end of loop 1, we've got a leak
@@ -176,3 +176,23 @@ leak(2, 0, sub {
               each %$h;
           undef $h;
 }, 'tied hash iteration does not leak');
+
+package hhtie {
+    sub TIEHASH { bless [] }
+    sub STORE    { $_[0][0]{$_[1]} = $_[2] }
+    sub FETCH    { die if $explosive; $_[0][0]{$_[1]} }
+    sub FIRSTKEY { keys %{$_[0][0]} ; each %{$_[0][0]} }
+    sub NEXTKEY  { each %{$_[0][0]} }
+    }
+leak(2,!!$Config{mad}, sub {
+    eval q`
+      BEGIN {
+      $hhtie::explosive = 0;
+      tie %^H, hhtie;
+      $^H{foo} = bar;
+      $hhtie::explosive = 1;
+      }
+    }
+    `;
+ }, 'hint-hash copying does not leak');
--
1.8.1.4

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Version 1, February 1989

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    Ty Coon, President of Vice

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<one line to give the program's name and a brief idea of what it does.>
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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

plan 'no_plan';

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

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

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

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

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

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

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

}

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

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

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

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

}

# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
This module is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.

---
abstract: 'Build and install Perl modules'
author:
  - Ken Williams <kwilliams@cpan.org>
  - "Development questions, bug reports, and patches should be sent to the
    Module-Build mailing list at <module-
build@perl.org>.
build_requires:
    File::Temp: 0.15
    Test::Harness: 3.16
    Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
    url: http://module-build.sourceforge.net/META-spec-v1.4.html
    version: 1.4
    name: Module-Build
resources:
    MailingList: mailto:module-build@perl.org
    license: http://dev.perl.org/licenses/
    repository: http://github.com/dagolden/module-build/
    version: 3

1.142 perl-Carp 1.26 :244.el7
1.142.1 Available under license : From RPM File Metadata:GPL+ or Artistic

1.143 perl-constant 1.27 :2.el7
1.143.1 Available under license : From RPM File Metadata:GPL+ or Artistic

1.144 perl-Data-Dumper 2.145 :3.el7
1.144.1 Available under license : From RPM File Metadata:GPL+ or Artistic

1.145 perl-Encode 2.51 :7.el7
1.145.1 Available under license : From RPM File Metadata:GPL+ or Artistic

1.146 perl-Exporter 5.68 :3.el7
1.146.1 Available under license:
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1.147 perl-File-Path 2.09 :2.el7
1.147.1 Available under license:
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1.148 perl-File-Temp 0.23.01 :3.el7
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Copyright (C) 19yy <name of author>
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Also add information on how to contact you by electronic and paper mail.

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Gnomovision version 69, Copyright (C) 19xx name of author
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This is free software, and you are welcome to redistribute it
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<signature of Ty Coon>, 1 April 1989
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1.149.1 Available under license :
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1.150 perl-Getopt-Long 2.40 :3.el7

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

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

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

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<signature of Ty Coon>, 1 April 1989
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That's all there is to it!

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1.152 perl-parent 0.225 :244.el7
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1.153 perl-PathTools 3.40 :5.el7
1.153.1 Available under license :
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when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19xx name of author
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The hypothetical commands `show w' and `show c' should show the
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program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.

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

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--------------------------------------------------------------------------

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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>.'
built 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/
use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';

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

#---------------------------------------------------------------#

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

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

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

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

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

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

  }

  my $dist = DistGen->new( 
      name => 'Simple::Name',
      version => '0.01',
      license => 'VaporWare'
  );
my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build");
is( $mb->[license], 'VaporWare',
  "license 'VaporWare' is valid"
);

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

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

} # Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
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-----

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The End

1.167 prototype.js 1.7
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1.168 python-babel 0.9.6 :8.el7

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1.169 python-backports 1.0 :8.el7

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1.171 python-chardet 2.2.1 :1.el7_1

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1.172 python-crypto 2.6.1 :15.el7
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Last updated: 2009-02-28

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Hi Mark,

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

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

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

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).
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
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 it's GPL-compatible, etc. Right now, I'm not really sure what to tell them.

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==================================================================

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--amk

(www.amk.ca)

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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 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
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 04:25:25PM -0700, M Moraes wrote:
>
> Hi Dwayne.
>
> Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.
>
> Regards,
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>
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>
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(www.amk.ca)

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Hi Jeethu,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at http://www.pycrypto.org/.
People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify").

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=======================================================================

Regards,
- Dwayne

--
Dwayne C. Litzenberger <dlitz@dlitz.net>
Key-signing key   - 19E1 1FE8 B3CF F273 ED17  4A2A4 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, 08 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, 08 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, 08 Mar 2009 15:28:12 -0600 (CST)
Received: by rv-out-0708.google.com with SMTP id k29so125233rvb.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
:content-type:subject:from:to:headers;bh=YWy9U32WCUCsRsRuhUwaOZyJQBU4Yv5mI2O6mI/g=;
b=0MJf22lXyUKgezNVID3rUpih9LqFXmey5Wp0pLiuNF+X3duyfhopTuBAKw7MwVY
B5E6VQuGVEyzBBNctyVgq6DhQiQutoCLZymSViobmuDmKn5D/UxopDk0xCxFqMyaas
L9/AA6D3/f66KrNBgX9mc0GPcZTvJVFYkPR0Q=
DomainKey-Signature: a=rsa-sha1; c=nofws;
d=gmail.com; s=gamma;
h=mime-version:in-reply-to:references:date:message-id:subject:from:to
:content-type; bh=Ym7CStueDIFJkKaylA1jyWZkZmJA1nTcwCG6akBHAXLd88Mt6PfcmlsfzZG8hJCIvJ8
vljqt+G6cywVTBw1pyGX7ECYzro+vhGvgdpACGr524zikHfpSSd5GFogzXaLVvGVH8p
bqSHpFWKtEP4gAQkiNelq1GNtrRzjXU3fnRyg=
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: <e3c0ddba0903081427p3a7b1058g417dd8624df68d66d@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
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/.
>
> People often ask me what license PyCrypto is covered by, if it's
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> text in the current LICENSE file (quoted below) is not entirely clear on the
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> ==============================================================
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> (though that would be nice).
>
> --amk (www.amk.ca)
>
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> 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
Hi Dwayne,

My contribution to pycrypto are very very minimal (The sha256 module, IIRC). If you believe it is fine with the public domain license for all your contributions to PyCrypto.

Jeethu Rao

PS: Apologies for the delay in my response.

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/.

--
Jeethu Rao

--000e0cd209d0e5a3d40464a23054
Content-Type: text/html; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
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is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.

Regards,

- Dwayne

-- 
Dwayne C. Litzenberger 
-- Jeethu Rao

--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?
> 
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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+1BHg0YD85gsntIDzkcQtb+BR/xAvJ5zKyA
J/Mn/I+16ekJQ3juh8IPHLAduOXM9Rtguas/yR+Doaq0xOPKoBx+/5+t1ILjtBcZ
wrPEa9Oui9s=
=yzY9

-----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/.

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warranty of fitness for use or suitability for any purpose, express
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--amk (www.amk.ca)

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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 barry@python.org Mon Mar  2 11:29:39 2009
X-Maildir-Dup-Checked: Yes
Return-Path: <barry@python.org>
X-Original-To: dwon@rivest.dlitz.net
Delivered-To: dwon@rivest.dlitz.net
Received: from goedel.dlitz.net (unknown [10.159.255.6])
by rivest.dlitz.net (Postfix) with ESMTP id 6E01AC6640B
for <dwon@rivest.dlitz.net>; Mon,  2 Mar 2009 11:29:39 -0500 (EST)
Received: from localhost (localhost [127.0.0.1])
by goedel.dlitz.net (Postfix) with QMQP id 0644E1007A
for <dwon@rivest.dlitz.net>; Mon,  2 Mar 2009 10:29:39 -0600 (CST)
Received: (vmailmgr-postfix 8668 invoked by uid 1003); 2 Mar 2009 10:29:39 -0600
Delivered-To: m-dlitz-dlitz@dlitz.net
Received-SPF: none (python.org: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom;
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)
Open Source Used In ROSA VSM Software Version 10.01.00

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>

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

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

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 is not entirely clear on the point of whether distributing modified versions is allowed. It seems to say "distribute and use", but not "modify."
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(though that would be nice).

--amk (www.amk.ca)

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

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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
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 <dlitz@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 <dlitz@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@rivest.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

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

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Version: GnuPG v1.4.5 (GNU/Linux)
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yloAn33a3ZjkeyJaTbzEqImOEW8JGpf
=aBEW
-----END PGP SIGNATURE-----

---YiEDa0DAkWCtVeE4--

Open Source Used in ROSA VSM Software Version 10.01.00
997
Hi Paul,

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

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

Hi Paul,

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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)

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_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])
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 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.

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

-p
--=20
Paul Swartz
paulswartz at gmail dot com
http://paulswartz.net/
AIM: z3penguin

From dlitz@dltiz.net Mon Aug  3 14:35:01 2009
Date: Mon, 3 Aug 2009 14:35:01 -0400
From: "Dwayne C. Litzenberger" <dlitz@dltiz.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> <324cfb540908030913x71d331f0kb06905274e5ae6b@mail.gmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1; format=flowed
Content-Disposition: inline
Content-Transfer-Encoding: 8bit
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
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>
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>
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>> 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 ED174 A24928 CEC1339C25CF7
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
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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===================================================================

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--amk (www.amk.ca)

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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 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: (qmailmgr-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) ([10.170.1.96]
    (envelope-sender <joris@bontje.nl>)
    by 10.170.1.96 (qmail-ldap-1.03) with SMTP
    for <>; 5 May 2009 07:08:25 -0000
Received: by dell062.admin.zonnet.nl (Postfix, from userid 33)
    id 9BE9B15759B; Tue, 5 May 2009 09:08:25 +0200 (CEST)
    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.gsqqps7q08wwwok@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: <20090505090825.GA9219@rivest.dlitz.net>
In-Reply-To: <20090505090825.GA9219@rivest.dlitz.net>
MIME-Version: 1.0
Content-Type: text/plain;
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:

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Joris

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> 
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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 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: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>
MIME-Version: 1.0
Excellent! Thank you!

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

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

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<tr>
<th>Release</th>
<th>Derived from</th>
<th>Year</th>
<th>Owner</th>
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</tr>
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<tr>
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<td>2.2.2</td>
<td>2003</td>
<td>PSF</td>
<td>yes</td>
<td></td>
</tr>
</tbody>
</table>
Footnotes:

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

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

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X-Maildir-Dup-Checked: Yes
Return-Path: <dlitz@dlitz.net>
X-Original-To: dwon@rivest.dlitz.net
Delivered-To: dwon@rivest.dlitz.net
Received: from goedel.dlitz.net (unknown [10.159.255.6])
by rivest.dlitz.net (Postfix) with ESMTP id ECFDFC6641D
for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 20:45:06 -0400 (EDT)
Received: from localhost (localhost [127.0.0.1])
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for <dwon@rivest.dlitz.net>; Wed, 27 Aug 2008 18:45:05 -0600 (CST)
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#   dlitz@dlitz.net
# requested that this message be sent to:-
#   crypt@bis.doc.gov
#   enc@nsa.gov

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# stamp.itconsult.co.uk certifying that a user
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# requested that this message be sent to:-
#   crypt@bis.doc.gov
#   enc@nsa.gov

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1015
# web_site@bis.doc.gov
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# PYTHON-CRYPTO@NIC.SURFNET.NL
# dlitz@dlitz.net
#
# This certificate was issued at 00:45 (GMT)
# on Thursday 28 August 2008 with reference 0520978
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# CAUTION: while the message may well be from the sender
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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/

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- --
Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

-----BEGIN PGP SIGNATURE-----
Version: 2.6.3i
Charset: noconv
Comment: Stamper Reference Id: 0520978

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1.173 python-deltarpm 3.6 :3.el7

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1.174 python-ipaddress 1.0.16 :2.el7

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1.175 python-jinja2 2.7.2 :2.el7

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1.176 python-kitchen 1.1.1 :5.el7

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1.178 python-msgpack 0.4.6 :1.el7

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1.180 python-requests 2.6.0 :1.el7_1
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1.181 python-six 1.9.0 :2.el7

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  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

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  * Better unicode support for filepost using StringIO buffers

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  * Bugfixes in testsuite

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  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts
* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbgrn <http://dbgrn.ch>/
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.
* Alex Gaynor <alex.gaynor@gmail.com>
* Updates to the default SSL configuration

* [Your name or handle] <[email or website]>
* [Brief summary of your changes]
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1.185 python-zmq 15.3.0 :2.el7

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1.186 PyYAML 3.11

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1.188 regenerator-runtime 0.11.1

1.189 rpm 4.11.3 :32.el7

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1.190 rsync 3.1.2 :4.el7

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

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.. autodoc:: salt.modules.win_license
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This module allows you to manage windows licensing via slmgr.vbs

.. code-block:: bash

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

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

# Import Salt Libs
import salt.utils

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

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

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

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

    CLI Example:
    ""
    .. code-block:: bash

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

    CLI Example:

    .. code-block:: bash

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

    cmd = r'cscript C:\Windows\System32\slmgr.vbs /ipk {0}'.format(product_key)
    return __salt__['cmd.run'](cmd)

def uninstall():
    
    Uninstall the current product key

    CLI Example:

    .. code-block:: bash

        salt '*' license.uninstall

    cmd = r'cscript C:\Windows\System32\slmgr.vbs /upk'
    return __salt__['cmd.run'](cmd)

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

    CLI Example:

    .. code-block:: bash

        salt '*' license.activate

    cmd = r'cscript C:\Windows\System32\slmgr.vbs /ato'
    return __salt__['cmd.run'](cmd)

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

    CLI Example:
.. code-block:: bash

    salt '*' license.licensed

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

def info():
    
    Return information about the license, if the license is not
correctly activated this will return None.

    CLI Example:

    .. code-block:: bash

        salt '*' license.info

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

    match = re.search(r'Name: (.*)\nDescription: (.*)\nPartial Product Key: (.*)\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 -*-

.. code-block:: yaml

XXXXX-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

            log.info('Failed to activate %s', name)

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

Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: salt
Upstream-Contact: salt-users@googlegroups.com
Source: https://github.com/saltstack/salt

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```
# coding: utf-8

# Import Python libs
from __future__ import absolute_import

# Import Salt Libs
import salt.modules.win_license as win_license

# Import Salt Testing Libs
from tests.support.mixins import LoaderModuleMockMixin
from tests.support.unit import TestCase
from tests.support.mock import MagicMock, patch

class LicenseTestCase(TestCase, LoaderModuleMockMixin):
    def setup_loader_modules(self):
        return {win_license: {}}
```

def test_installed(self):
    '''
    Test to see if the given license key is installed
    '''
    mock = MagicMock(return_value='Partial Product Key: ABCDE')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        out = win_license.installed('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
        self.assertTrue(out)

def test_installed_diff(self):
    '''
    Test to see if the given license key is installed when the key is different
    '''
    mock = MagicMock(return_value='Partial Product Key: 12345')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        out = win_license.installed('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
        self.assertFalse(out)

def test_install(self):
    '''
    Test installing the given product key
    '''
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.install('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /ipk ' '
                          'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')

def test_uninstall(self):
    '''
    Test uninstalling the given product key
    '''
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.uninstall()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /upk')

def test_activate(self):
    '''
    Test activating the current product key
    '''
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.activate()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /ato')
def test_licensed(self):
    '''
    Test checking if the minion is licensed
    '''
    mock = MagicMock(return_value='License Status: Licensed')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.licensed()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')

def test_info(self):
    '''
    Test getting the info about the current license key
    '''
    expected = {
        'description': 'Prof',
        'licensed': True,
        'name': 'Win7',
        'partial_key': '12345'
    }
    mock = MagicMock(return_value='Name: Win7
Description: Prof
Partial Product Key: 12345
License Status: Licensed')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        out = win_license.info()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
        self.assertEqual(out, expected)

# coding: utf-8

# Import Python libs
from __future__ import absolute_import

# Import Salt Libs
import salt.states.win_license as win_license

# Import Salt Testing Libs
from tests.support.mixins import LoaderModuleMockMixin
from tests.support.unit import TestCase
from tests.support.mock import (MagicMock, patch)

class LicenseTestCase(TestCase, LoaderModuleMockMixin):
    def setup_loader_modules(self):
        return {win_license: {}}
def test_activate(self):
    
    Test activating the given product key
    
    expected = {
        'changes': {},
        'comment': 'Windows is now activated.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': True
    }

    info = {
        'description': 'Prof',
        'licensed': False,
        'name': 'Win7',
        'partial_key': 'XXXXX'
    }

    info_mock = MagicMock(return_value=info)
    install_mock = MagicMock(return_value='Installed successfully')
    activate_mock = MagicMock(return_value='Activated successfully')

    with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                            'license.install': install_mock,
                                            'license.activate': activate_mock}):
        out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        info_mock.assert_called_once_with()
        install_mock.assert_called_once_with('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        activate_mock.assert_called_once_with()
        self.assertEqual(out, expected)

def test_installed_not_activated(self):
    
    Test activating the given product key when the key is installed but not activated
    
    expected = {
        'changes': {},
        'comment': 'Windows is now activated.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': True
    }

    info = {
        'description': 'Prof',
        'licensed': False,
        'name': 'Win7',
        'partial_key': 'ABCDE'
    }
info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Installed successfully')
activate_mock = MagicMock(return_value='Activated successfully')
with patch.dict(win_license.__salt__, {'license.info': info_mock,
   'license.install': install_mock,
   'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
info_mock.assert_called_once_with()
assert not install_mock.called
activate_mock.assert_called_once_with()
self.assertEqual(out, expected)

def test_installed_activated(self):
    ...  
    Test activating the given product key when its already activated
    ...
    expected = {
        'changes': {},
        'comment': 'Windows is already activated.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': True
    }

    info = {
        'description': 'Prof',
        'licensed': True,
        'name': 'Win7',
        'partial_key': 'ABCDE'
    }

    info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Installed successfully')
activate_mock = MagicMock(return_value='Activated successfully')
with patch.dict(win_license.__salt__, {'license.info': info_mock,
   'license.install': install_mock,
   'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
info_mock.assert_called_once_with()
assert not install_mock.called
assert not activate_mock.called
self.assertEqual(out, expected)

def test_installed_install_fail(self):
    ...  
    Test activating the given product key when the install fails
    ...
    expected = {
        'changes': {},
        'comment': 'Failed to install Windows.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': False
    }

    info = {
        'description': 'Prof',
        'licensed': True,
        'name': 'Win7',
        'partial_key': 'ABCDE'
    }

    info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Installed successfully')
activate_mock = MagicMock(return_value='Activated successfully')
with patch.dict(win_license.__salt__, {'license.info': info_mock,
   'license.install': install_mock,
   'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
info_mock.assert_called_once_with()
assert not install_mock.called
assert not activate_mock.called
self.assertEqual(out, expected)
'comment': 'Unable to install the given product key is it valid?',
'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
'result': False
}

info = {
'licensed': False,
'partial_key': '12345'
}

info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Failed')
activate_mock = MagicMock()

with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                  'license.install': install_mock,
                                  'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    info_mock.assert_called_once_with()
    install_mock.assert_called_once_with('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    assert not activate_mock.called
    self.assertEqual(out, expected)

def test_installed_activate_fail(self):
    ...
    Test activating the given product key when the install fails
    ...
    expected = {
    'changes': {},
    'comment': 'Unable to activate the given product key.',
    'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
    'result': False
    }

info = {
    'description': 'Prof',
    'licensed': False,
    'name': 'Win7',
    'partial_key': 'ABCDE'
    }

info_mock = MagicMock(return_value=info)
install_mock = MagicMock()
activate_mock = MagicMock(return_value='Failed to activate')

with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                  'license.install': install_mock,
                                  'license.activate': activate_mock}):
out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
info_mock.assert_called_once_with()
assert not install_mock.called
activate_mock.assert_called_once_with()
self.assertEqual(out, expected)
salt.modules.win_license module
=========================================
   .. automodule:: salt.modules.win_license
      :members:
salt.states.win_license module
=========================================
   .. automodule:: salt.states.win_license
      :members:

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3.2.11.RELEASE

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1.213 spring-security-acl 3.2.5.RELEASE

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1.228 tornado 4.2.1

1.229 unzip 6.0 :19.el7

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1.236 XPP3 1.1.4c

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1.237 yum 3.4.3 :158.el7.centos

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diff -up yum-3.4.3/yum/update_md.py.org yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.org2017-01-24 18:55:03.529842775 +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):
        if hasattr(un, '_repoid') and un._repoid is not None:
            return un._repoid
        else:
            return '<unknown>'
+
    def _rid(un):
        
    def _log_failure(data):
      
    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
@@ -113,6 +134,7 @@ class UpdateNotice(object):
        return False

@@ -120,8 +142,10 @@ class UpdateNotice(object):
    data = 'status'
    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
    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 += _("You should report this problem to the owner of the %srepository.") % _rid(repoid, "%s")
                        msg += _("If 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
@@ -398,6 +399,9 @@ class UpdateMetadata(object):
        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']:
                        if pkg['name'] != name or pkg['arch'] != arch:
                            continue
                        if (notice not in notices and pkg['name'] == name and pkg['arch'] in self.archlist):
                            notices.add(notice)
                            other_arch_list.append(pkg['arch'])
                    ret.append(notices)
            return ret
        else:
            return []

    def upgrade(self, name=None, arch=None):
        """ Snaps up this list of packages to the latest available version """
        buffer = []
        if name is None or arch is None:
            for notice in self.get_notices():
                for upkg in notice['pkglist']:
                    for pkg in upkg['packages']:
                        if pkg['name'] != name or pkg['arch'] != arch:
                            continue
                        if pkg['name'] == name and pkg['arch'] in self.archlist:
+ other_arch = True
+ else:
+     continue
+     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 2015-05-28 19:24:05.971806965 +0200
@@ -33,6 +33,7 @@ import Errors
import logginglevels
+from rpmUtils.miscutils
import rpmUtils.miscutils

def safe_iterparse(filename, logger=None):

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