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1.7 bcprov-jdk15on 1.59

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1.17 commons-beanutils 1.7

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1.18 commons-collections 2.1

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## Special Recognition ##

One of the key reasons we got delayed on the CentOS-6 release was lack of
suitable build resources, especially when we had to repeatedly build large
chunks of code. Norwood S came forward and worked with me to
setup a large build machine, then tune the build process and help improve
the overall build, test and validate process we were using. This build
machine he donated to the project was about 5 times more capable than the
entire buildsystem we had. And he did this out of his own pocket, from
his own time, and has since upgraded the machine as well. It's now a 128GB, 48 core machine, with 4 SSD's and 4 sata disks: but the key metric is that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix, AZ, USA for his continued support for the project.

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The Red Hat developers, without whom CentOS would look very different

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2.9 hardlink 1.0-19.el7

2.10 icu 50.1.2-15.el7

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```bash
## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic
```
## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \n | sed "s/a($*)\o\o :]*\o. $@ : /\1.o $@ : /g" > $@; \n | -s $@ ] || rm -f $@’
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \n | sed "s/a($*)\o\o :]*\o. $@ : /\1.o $@ : /g" > $@; \n | -s $@ ] || rm -f $@’

## Versioned libraries rules
%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## End FreeBSD-specific setup
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
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2.11 isl 0.11.1

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2.12 libxml2 2.9.7

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2.13 passwd 0.79-4.el7

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2.14 qrencode 3.4.1-3.el7

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diff --git a/yum/update_md.py b/yum/update_md.py
--- a/yum/update_md.py2015-01-19 07:44:35.567107008 -0500
Open Source Used In CMX Cloud Connector Version 2.0

+++ b/yum/update_md.py
@@ -398,6 +399,9 @@ class UpdateMetadata(object):
             except Errors.RepoMDError:
                 continue # No metadata found for this repo

+        self.arch_storage = ArchStorage()
+        self.archlist = self.arch_storage.archlist
+
     def get_notices(self, name=None):
         """ Return all notices. """
         if name is None:
@@ -434,16 +438,29 @@ class UpdateMetadata(object):
                 name = oldpkgtup[0]
                 arch = oldpkgtup[1]
                 ret = []
+            other_arch_list = []
+            notices = set()
+            for notice in self.get_notices(name):
+                for upkg in notice['pkglist']:
+                    for pkg in upkg['packages']:
+                        other_arch = False
+                        if pkg['name'] != name or pkg['arch'] != arch:
+                            continue
+                        if (notice not in notices and pkg['name'] == name and pkg['arch'] in self.archlist):
+                            other_arch = True
+                        else:
+                            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

--- yum-3.4.3/yum/update_md.py
+++ yum-3.4.3/yum/update_md.py
@@ -33,6 +33,7 @@ import Errors

import logginglevels
import rpmUtils.miscutils
+from rpmUtils.arch import ArchStorage

def safe_iterparse(filename, logger=None):
    diff -up yum-3.4.3/yum/update_md.py.org yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.org 2017-01-24 18:55:03.529842775 +0100
@@ -58,7 +58,7 @@ class UpdateNotice(object):
    A single update notice (for instance, a security fix).

-    def __init__(self, elem=None):
+    def __init__(self, elem=None, repoid=None, vlogger=None):
        self._md = {
            'from' : '',
            'type' : '',
@@ -83,6 +83,9 @@ class UpdateNotice(object):
        if elem:
            self._parse(elem)

+    self._repoid = repoid
+    self._vlogger = vlogger
+
    def __getitem__(self, item):
        """ Allows scriptable metadata access (ie: un['update_id']). ""
        if type(item) is int:
@@ -103,6 +106,24 @@ class UpdateNotice(object):
            # Tests to see if it's "the same data", which means that the
            # packages can be different (see add_notice).
+
+    def _rid(un):
+        if hasattr(un, '_repoid') and un._repoid is not None:
+            return un._repoid
+        else:
+            return '<unknown>'
+
+    def _log_failure(data):
+        """Log the mismatched data similarly to conflict markers in git.""
+        if self._vlogger is None:
+            return
+        msg = _('Duplicate of %s differs in some fields:
' +
            '<<<<<<< %s:%s
' +
            '%r
=======
%r
' +
            '>>>>>>> %s:%s')
            # --verbose mode enables this
self._vlogger.log(logginglevels.DEBUG_3, msg)

if not other or not hasattr(other, '_md'):
    return False

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
if self._md[data] != other._md[data]:
    _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'

for event, elem in safe_iterparse(infile, logger=self._logger):
    if elem.tag == 'update':
        try:
            un = UpdateNotice(elem)
        except UpdateNoticeException, e:
            msg = _('An update notice%s is broken, skipping.') % _rid(repoid)
        self._vlogger.warn(msg)

    msg = _('Update notice %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 %s repository.') % _rid(repoid, "%s")
        if self._vlogger:
            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)