

# Eclipse Packaging Project

Release Review Version 1.5.0

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Date:                           **June 5, 2012**

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Abstract: This document contains the Release Review Documentation for the Eclipse Packaging Project (EPP). The 1.5.0 EPP release is scheduled for 2012-06-27 together with the Simultaneous Release of Juno.

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# 1 Overview

## 1.1 Scope and Goals of the Project

- **Create entry level downloads based on defined user profiles.**
  - Packages that have been removed from the Juno EPP build on the package maintainers request
    - \* Eclipse IDE for JavaScript Web Developers
  - Packages that have been merged into one
    - \* Eclipse IDE for C/C++ Linux Developers: Merged with the Eclipse IDE for C/C++ Developers. Platform specific components from the LinuxTools project are included in compatible platform packages only.
  - New packages with Juno
    - \* Eclipse for Mobile Developers: Maintained by the Eclipse Mobile Industry Working Group.
    - \* Eclipse IDE for Automotive Software Developers: Maintained by the Eclipse Automotive Industry Working Group.
  - EGit is part of many packages (RCP/RAP, Modeling, C/C++, Java, ...)
  - Other notable additions: WindowBuilder, Code Recommenders
  - The EPP sub-project RTP (Runtime Platform Project) provides additional Runtime packages.

The Juno EPP packages are provided for the following architecture, platform, and windowing system combinations:

1. Windows 32-Bit, x86
2. Windows 64-Bit, x86\_64
3. Linux 32-Bit, x86, GTK
4. Linux 64-Bit, x86\_64, GTK
5. Mac OS-X, 32-Bit, Cocoa
6. Mac OS-X, 64-Bit, Cocoa

- **Integrate the EPP Marketplace Client.** The Eclipse Marketplace Client from the EPP MPC project is included in all packages.
- **Provide a central build infrastructure for the eclipse.org package builds.** The EPP package builds are running on Hudson and allow early feedback on the content of the Simultaneous Releases (Europa, Ganymede, Galileo, Helios, Indigo, Juno).

Since June 2007, the project delivered packages for all Simultaneous Releases, including Europa, Ganymede, Galileo, Helios, Indigo and all of their service releases and had millions of downloads.

## 2 Features

EPP for Juno in version 1.5.0 includes

- Buckminster build that generates the p2 repository with the package definitions
- build scripts that are used in the nightly package builds
- everything from the EPP Packages Git repository <http://git.eclipse.org/c/epp/org.eclipse.epp.packages.git>

## 3 Non-Code Aspects

### 3.1 User Documentation

User documentation has been created and updated for this release in the form of web pages or wiki pages (<http://wiki.eclipse.org/index.php/Category:EPP>):

- The EPP Committer and Maintainer Policy
- How-to specify an EPP configuration file
- How-to create the package definition files, package defining feature, branding plug-in
- How-to build your own package
- Package Testing
- Build Infrastructure

### 3.2 Localization or Externalization

EPP is available for the English language; strings are externalized.

Components in Babel are provided but the team does not translate the strings.

## 4 APIs

### 4.1 EPP Packaging

No major change since the last release.

## 5 Architectural Issues

No major known issues or changes in the release.

The EPP source code repository has been migrated successfully from a single CVS repository to multiple Git repositories (see bug 346616).

The packages are now being distributed based on Eclipse Platform version 4.2.

## 6 Tool Usability

### 6.1 EPP Packaging

With millions of downloads in the last years, packages generated by EPP have been proven stable.

The EPP packages are available from the main eclipse.org download page and all community packages from a Drupal driven site.



## 7 End-of-Life

- The EPP Usage Data Collector (UDC) has been retired (see bug 347069).
- The EPP Installer component that was developed at the very beginning of the project has been retired (see bug 346617).
- The EPP Wizard is not maintained any more.
- The EPP packaging application cannot be supported any more. The project uses now existing technology from Equinox p2.

All retired components are available as source code from separate Git repositories. A list a all EPP Git repositories can be found at <http://git.eclipse.org/c/epp>.

## 8 Bugzilla

As of 2012-06-05 there are 688 bugs in technology/epp, 133 are listed with status new, assigned, open. 84 bugs have been closed/resolved since 2011-06-01. Currently there are no blockers, 4 critical bugs.

## 9 Standards

- The EPP packages require Java 1.5 or higher and are based on Eclipse 4.2.

## 10 UI Usability

EPP does not release any UI.

## 11 Schedule

The plan of the Eclipse Packaging Project is always in sync with the Simultaneous Release plans, i.e. the Juno Release 2012, the Kepler Release 2013.

The scheduled dates for the Indigo release have been met and the packages were released together with the Indigo Release in June 2011. Updates have been created and made available for all Indigo Service Releases.

For the Juno release, EPP started to deliver initial packages with Juno M1, and provided nightly package builds. Since then, EPP delivered all packages for each of the Juno milestones and release candidates in time.

## 12 Communities

- Active committers (16) and contributors from many partners. All package maintainers have full committer status on the project in a lightweight way similar to the Orbit project (see [http://wiki.eclipse.org/EPP/EPP\\_Committer\\_and\\_Maintainer\\_Policy](http://wiki.eclipse.org/EPP/EPP_Committer_and_Maintainer_Policy))
- Developer mailing list with about 2.100 e-mails (about 600 since Indigo), forum with more than 200 messages
- The Eclipse Packaging Project has been mentioned in many blog postings, other mailing lists (e.g. cross-project-issues-dev)
- Participation in the Eclipse Planning Council and in the Eclipse Architecture Council

## 13 IP Issues

See IP Log at [http://www.eclipse.org/projects/ip\\_log.php?projectid=technology.packaging](http://www.eclipse.org/projects/ip_log.php?projectid=technology.packaging)

List of committers:

- Wayne Beaton - committer since 12/2007
- Chuck Bridgham - committer since 11/2011
- Cedric Brun - committer since 05/2011
- Xiaoying Gu - committer since 05/2011
- Andreas Hoegger - committer since 05/2011
- Jeff Johnston - committer since 11/2011
- Markus Knauer, initial committer
- Henrik Lindberg - committer since 06/2008
- Andrew Overholt - committer since 05/2011
- Steffen Pingel - committer since 05/2011
- Doug Schaefer - committer since 05/2011
- Beth Tibbitts - committer since 05/2011
- Markus Tiede - committer since 05/2011
- David Williams - committer since 05/2011
- Eric Cloninger - committer since 06/2012
- Stephan Eberle - committer since 06/2012

List of retired committers:

- Jordi Bhme Lpez - committer since 06/2008
- Alexander Kazantsev, initial committer
- Jeff McAffer - committer since 06/2008
- Mark Russell, initial committer

## 14 Project Plan

Version 1.5.1 is scheduled for October 2012 (Juno SR1), version 1.5.2 is scheduled together with Juno SR2. Both will contain mainly bugfixes and no new functionality.

A detailed plan is not yet available.