

## **PTP Helios Release Review (Including Photran Subproject)**

### **New Features**

Updated Eclipse package support

- Eclipse 3.6
- CDT 7.0
- RSE 3.2

Resource managers

- SLURM resource manager updated to support SLURM 2.1
- PBS resource manager now able to launch/monitor jobs

Remote development tools (RDT):

- RDT server launch using Remote Tools
- Many fixes and improvements to remote indexing

Parallel Language Development Tools (PLDT)

- New code templates for UPC
- Support for CDT 7.0

External tools framework (ETFw)

- New feedback view for displaying compiler transformation reports

Photran (Fortran development tools)

- Fortran 2008 support
- C preprocessor support
- New refactorings

### **Non-code Aspects**

User documentation

- <http://eclipse.org/ptp/doc.php>
- <http://wiki.eclipse.org/PTP/photran/documentation>

Release plan

- <http://wiki.eclipse.org/PTP/planning/4.0>

Release notes

- [http://wiki.eclipse.org/PTP/release\\_notes/4.0](http://wiki.eclipse.org/PTP/release_notes/4.0)

Design documentation

- <http://wiki.eclipse.org/PTP/designs>

Test plan

- <http://wiki.eclipse.org/PTP/testing/4.x>

## FAQ

-- <http://eclipse.org/ptp/faq.php>

## APIs

- PTP interfaces are Eclipse quality
- API tooling has been enabled on all plugins
- Version numbers have been incremented where appropriate
- Internal/experimental APIs marked as such

## Defect Statistics

- 171 bugs opened
- 119 bugs resolved/closed
- 52 new/open bugs

## Schedule

- RC1 - Build Tue, May 18 - Release Wed, May 19
- RC2 - Build Tue, May 25 - Release Wed, May 26
- RC3 - Build Tue, June 1 - Release Wed, June 2
- RC4 - Build Tue, June 8 - Release Wed, June 9
- Final - Build Tue, June 15 - Release Wed June 16

## Process

This release has been developed using open, transparent, and inclusive processes.

This release has followed its charter principles.

The PTP project makes appropriate use of

- Bugzilla
- Mailing lists ([ptp-announce@eclipse.org](mailto:ptp-announce@eclipse.org), [ptp-dev@eclipse.org](mailto:ptp-dev@eclipse.org), [ptp-user@eclipse.org](mailto:ptp-user@eclipse.org), [photran@eclipse.org](mailto:photran@eclipse.org), [photran-dev@eclipse.org](mailto:photran-dev@eclipse.org))
- Regular, monthly, conference calls
- Wiki (<http://wiki.eclipse.org/PTP>)

There were four committer elections during the 4.0 release cycle:

- Roland Schulz
- Dieter Krachtus
- Jie Jiang
- Albert Rossi

Committer rights expired for three committers:

- Timofey Yuvashv
- Kurt Hendle
- Craig Rasmussen

## **Community**

Monthly developer meetings

- Every second Tuesday of the month

## **IP Issues**

All plugins contain appropriate about and license files.

All contributions (code, documentation, images, etc) have been committed by individuals who are either Members of the Foundation, or have signed the appropriate Committer Agreement; in either case, these are individuals who have signed, and are abiding by, the Eclipse IP Policy.

Major contributions have followed due diligence process.

All non-committer code contributions, including third-party libraries, have been documented in the release and reviewed by the Foundation's legal staff.

All contribution questionnaires have been completed.

IP Log available at

- [http://www.eclipse.org/projects/ip\\_log.php?projectid=tools.ptp](http://www.eclipse.org/projects/ip_log.php?projectid=tools.ptp)

## **Project plan**

Project plan available at:

- <http://wiki.eclipse.org/index.php/PTP/planning/4.0>
- [http://wiki.eclipse.org/PTP/planning/4.0\\_Ramp\\_Down](http://wiki.eclipse.org/PTP/planning/4.0_Ramp_Down)

## **Communication channel**

The communication channel for the review should be the following mailing list:

- [ptp-dev@eclipse.org](mailto:ptp-dev@eclipse.org)