# E4 to Platform Move Review July 2010

Review date: unknown

Eclipse Project PMC

# Rationale

- The e4 incubator is an ongoing effort to experiment with and develop new technology for the Eclipse platform

- Periodically we transition technology to the Platform project as it matures

- There is a set of 17 bundles we would like to move into the platform at this time

# Highlights

- Core APIs to support the e4 programming model of contextualized service lookup and dependency injection

- Modeled user interface:
  - Formalized model of the platform user interface represented as an EMF model
  - Pluggable renderer generates widgets from this model

- User interface skinning:
  - Mechanism to specifying user interface styling and layout using Cascading Style Sheets (CSS)
  - Allows for easier and more powerful customization of the user interface, and styling changes on the fly without code change

- A binary-compatible implementation of the Eclipse Platform API from Helios, implemented using the above technologies

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# Affected Bundles

- The following e4 bundles are being proposed to move to the platform:

org.eclipse.e4.core.commands
org.eclipse.e4.core.contexts
org.eclipse.e4.core.di
org.eclipse.e4.core.di.extensions
org.eclipse.e4.core.services
org.eclipse.e4.ui.bindings
org.eclipse.e4.ui.css.core
org.eclipse.e4.ui.css.swt
org.eclipse.e4.ui.css.swt.theme

org.eclipse.e4.ui.di
org.eclipse.e4.ui.model.workbench
org.eclipse.e4.ui.services
org.eclipse.e4.ui.workbench
org.eclipse.e4.ui.workbench3
org.eclipse.e4.ui.workbench.addons.swt
org.eclipse.e4.ui.workbench.renderers.swt
org.eclipse.e4.ui.workbench.swt
org.eclipse.ui.workbench (1)

# Legal

- The following contribution questionaires (CQs) need to be moved :

| Bundle | Version | CQ |
|--------|---------|-----|
| javax.annotation | 1.0.0 | 3959 |
| javax.inject | 1.0.0 | 3555 |
| javax.xml | 1.3.4 | 4288 |
| org.apache.batik.css | 1.6.0 | 2852 |
| org.apache.batik.util | 1.7.0 | 2852 |
| org.apache.batik.util.gui | 1.7.0 | 2852 |
| org.w3c.css.sac | 1.3.1 | 2852 |
| org.w3c.dom.smil | 1.0.0 | 2852 |
| org.w3c.dom.svg | 1.1.0 | 2852 |

# Committers

- No committer removals as a result of the move
- The following e4 committers require nomination on the move destination component areas

| Name | Unix username | Groups to add |
|---|---|---|
| Bogdan Gheorghe | gheorghe | plat-ui |
| Brian de Alwis | bdealwis | plat-ui |
| Kai Tödter | ktoedter | plat-ui |
| Yves Yang | yvyang | plat-ui |
| Boris Bokowski | bbokowski | plat-core |
| Paul Webster | pwebster | plat-core |
| Susan McCourt | sfranklin | plat-core |

# Infrastructure Changes: CVS

- Change group ownership of moved bundles. All bundles remain in the Eclipse top-level project repository and do not require moving at this time

- We may perform further repository reorganization after the July release

# Other Infrastructure Changes

- No changes to web pages, newsgroups, or mailing lists, as e4 project will continue to exist after the move

- We may create new bugzilla components but this can be handled independently by the PMC

# Links

- Project plan: http://www.eclipse.org/eclipse/development/plans/eclipse_project_plan_4_0.xml

- Move plan: http://wiki.eclipse.org/E4/4.0_Release_Process

- Approved IP log for move: http://www.eclipse.org/eclipse/development/project-log-files/eclipse_e4_move_review_20100630.pdf

- Communication channel: http://dev.eclipse.org/mhonarc/lists/e4-dev/