

Eclipse Examples Project

0.1 Release Review



Planned Review Date: December 23/2008

Communcation Channel:

news.eclipse.org/eclipse.technology.examples

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Introduction

- The Eclipse Examples Project (Examples) provides a location for adopters of Eclipse technology to find well-documented example applications, platforms, and features/plugin-ins/bundles that demonstrate the use of Eclipse technology.
- As a general rule, examples utilize technologies from multiple Eclipse projects, though this is not rigorously enforced to avoid excluding examples that might otherwise be useful and interesting.

Features: EBERT (1/2)

- Eclipse Business Expense Reporting Tool
- A simple expense reporting tool that runs on the client, server, and embedded devices using Eclipse Rich Client Platform (RCP), Eclipse Rich Ajax Platform (RAP), and embedded Rich Client Platform (eRCP) respectively.

Features: EBERT (2/2)

- Heavy bundle reuse across different platforms
- Three examples of model-view binding
 - Traditional observer approach
 - JFace DataBinding
 - Update queue-based using Equinox EventAdmin
- Heavily documented with JUnit test cases

Features: Image Utilities

- Views and other components that add support for previewing and manipulating images (though currently only preview is provided).
- Demonstrates use of Adapter framework
- Extensible framework

Non-Code Aspects

- “Getting started” type documentation on web site
- Strings are not currently localized
- Example for presentations at EFE/EFI/ESE in 2008
- Focus of some blogging
 - <http://dev.eclipse.org/blogs/wayne/category/examples/>
- Referenced in Eclipse Corner Article
 - <http://www.eclipse.org/articles/article.php?file=Article-Adapters/index.html>

APIs

- Built to be part of an extensible framework
- There are some public APIs; may change in future versions
- As Examples, we anticipate that ideas from these components will be leveraged more than the actual framework itself
- Examples all use public APIs
 - With the exception of one provisional API from DataBinding

Architectural Issues: EBERT (1/2)

- EBERT is designed to work on RCP/RAP/eRCP
- Much of the architecture/bundles are intended to be used unmodified across all platforms
- Lowest common denominator for shared bundles (CDC-1.1/Foundation-1.1)
- Exploit features available on the various platforms with specialty bundles

Architectural Issues: EBERT (2/2)

- Loose coupling between components
- Leverages Equinox package binding to bind platform-specific implementations
 - Different “date” widget implementations on different platforms

Architectural Issues: Image Utilities

- Loose coupling between components
- Exemplifies “loosely coupled, but tightly integrated”

Tool Usability

- EBERT is not a tool in the traditional Eclipse sense
 - It is intended to be an RCP/RAP/eRCP application
 - It will run in the workbench
- Image Utilities adopt a “less is more” approach
 - Self-contained view
 - Single contribution added to navigator/project explorer/etc.
 - No additions to menu bar, or workbench tool bar

End-of-Life

- No features are end-of-life in this first release

Bugzilla

- 41 total bugs opened; 29 Fixed; 3 deferred
- 9 bugs for new components
 - i.e. additional examples for the next version

Standards

- Project does not current implement or drive any standards

UI Usability

- NLS not currently implemented (will be included in plan for next release)
- Leverages ICU4J

Schedule

- Schedule changed several times over the past few months as we learned more about the project and familiarized ourselves with the development process
 - Initially intended to release in last week of November
 - Changed to December 23rd
- We expect better results for the next release

Communities (1/2)

- Community development is progressing slowly
 - Virtually non-existent activity on newsgroup/ mailing list
 - EBERT presented at EFE/EFI/ESE 2008
- EBERT running on Sprint Titan
 - <http://dev.eclipse.org/blogs/wayne/2008/05/15/ebert-on-sprint-titanebert-on-sprint-titan>

Communities (2/2)

- We have contributions pending
 - Bugs 184481, 232398, 258436
- Interest in moving existing examples has been expressed
 - EclipseLink
 - Sudoku (from DSDP)

IP Log

- The project leadership verifies that the Eclipse IP policies and procedures have been followed.
- IP Log
 - http://www.eclipse.org/examples/logs/IP_Log_for_technology_examples_0.1.pdf

IP Issues

- No issues
- All code authored by existing committers under supervision of the PMC