



eRCP: Move Review from DSDP to RT

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Agenda: eRCP Move Review

- eRCP Overview
- Background
- Proposed Project Structure
- Move Plan



eRCP Overview

- eRCP is the embedded version of the Rich Client Platform
- Project was launched by Nokia, IBM and Motorola
- Utilizes standard OSGi Service Platform
- Reduces RCP size and functionality to fit on devices
- Pushes requirements/patches back to core components
 - Enable running core components on JME CDC/Foundation Profile
 - Keep dependencies in check
- Adds components to enable application binary compatibility across a range of devices



Features – eRCP

- **eJFace:** a set of classes which extend eSWT to enable eRCP applications to integrate with an eRCP workbench, and provide more complex widgets like MVC oriented viewers
- **Core Runtime:** the Eclipse Core which provides OSGI and Extension Point Framework support
- **eWorkbench:** A UI framework which supports multiple cooperative eRCP applications, and a generic Workbench which manages launching and display of eRCP applications
- **eUpdate:** a simplified API and interface for dynamically updating device software
- **MicroXML:** smaller, faster implementation of SAX and DOM API



Features - eSWT

- eSWT is a GUI toolkit for embedded devices
- Can run stand-alone from other eRCP pieces
- Capable of running on J2ME CLDC profile
- eSWT Core
 - Basic widgets
 - The minimal set for Rich Client Apps
- eSWT Expanded
 - Additional widgets for more capable devices
 - Browser, Layouts, Dialogs
- eSWT Mobile Extensions
 - Widgets and function particularly for mobile devices
 - Handle different input mechanisms
 - Handle small/varied screen sizes

Background



- The creation of the Eclipse RT project provided a better home for eRCP
 - Eclipse RT is designed to foster, promote and house runtime efforts in the Eclipse community
- eRCP provides an equinox OSGi based Runtime for devices
- Eclipse RT will help to create the synergies between different equinox based runtime projects
- RT PMC agrees with the move
 - <http://dev.eclipse.org/mhonarc/lists/rt-pmc/msg00112.html>
- DSDP PMC agrees with the move
 - <http://dev.eclipse.org/mhonarc/lists/dsdp-pmc/msg01178.html>
 - <http://dev.eclipse.org/mhonarc/lists/dsdp-pmc/msg01187.html>
- eRCP IP log in
 - http://www.eclipse.org/projects/ip_log.php?projectid=dsdp.ercp



Project Structure

- eRCP project becomes a subproject under the Eclipse RT top level project
- No changes in the eRCP project structure
- No changes to the commit rights and committers of the project



Move Plan

- **CVS:** eRCP CVS will move from DSDP to RT CVS
- **Newsgroup:** Move eclipse.dsdp.ercp to eclipse.ercp
- **Mailing List:** Move dsdp-ercp-dev to ercp-dev
- **Bugzilla:** move ERCP to RT
- **Web site:** No changes



Feedback

- Please provide feedback on eRCP newsgroup or mailing list
 - NewsGroup
 - <news://news.eclipse.org/eclipse.dsdp.ercp>
 - Mailing List
 - dsdp-ercp-dev@eclipse.org



Thank You