Eclipse Marketplace Client (MPC) Creation Review

Submitter
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Background and Goals

- Eclipse Marketplace is the online catalog of Eclipse solutions and hosted by the Eclipse Foundation
  - Current UI is a web browser
  - No direct integration with Eclipse
  - Data is accessible via a RESTFul API

- Goal: Make it easier for developers to install Eclipse solutions directly into their Eclipse installation

Project Scope

- Provide an Eclipse-based rich client for installing solutions listed in the Eclipse Marketplace.
- Provide a workflow for finding and installing solutions, layering on top of the Eclipse P2 and providing a streamlined and simplified workflow that does not require users to enter and manage update sites.
- Support different external sources of solution listing catalogs (ex. Eclipse release train catalog, third party catalog, internal corporate catalog)
- Awesome end-user experience for uninstalling eclipse solutions

Proposed Components

- Core
  - Retrieves listings from the Eclipse Marketplace via the Marketplace REST API
  - Integrates with P2/Discovery to automate P2-based install of solutions
- UI
  - Provides extension points for marketplaces
  - Provides solution browsing, searching, install and management facilities

Relationships to Other Eclipse Projects

- P2
  - MPC will reuse the Discovery component in p2

- EPP
  - MPC will be included in the EPP packages

Community Feedback

- Discussion about the requirements via a bug #296131 and #295273
  - 100+ comments

- Discussion and feedback on the Marketplace RESTful API
  - Approx. 15 bugs opened as part of the discussion

- No discussion on the MPC User Forum
  - Expect this will change once we publish UI for feedback

Initial Committers

- ## Initial Committers
  - Project Leader: Ian Skerrett, Eclipse Foundation
    - Will provide project management for the project
  - Steffen Pingel (Tasktop)
    - Existing Mylyn committer and p2 Discovery Connector
  - Mik Kersten (Tasktop)
    - Mylyn project lead
  - David Green (individual)
    - Mylyn committer
  - Henrik Lindberg (Cloudsmith)
    - B3, Buckminster
  - Thomas Hallgren (Cloudsmith)
    - B3, Buckminster

- ## Interested Parties
  - Ian Bull (EclipseSource)
  - Pascal Rapicault (Sonatype)

- ## Mentors
  - Wayne Beaton
  - Chris Aniszczyk

Code Contribution

- All Code is license under EPL v1.0
    - Project being funded by the Eclipse Foundation
    - Code will all be original work

Plan

- March 19, 2010. Feature complete beta available (Helios M6)
- June 23, 2010. Production release (Helios GA)