Eclipse Dynamic Languages Toolkit (Incubation) Project

May 30, 2007

Introduction

- Project Created December 2006

- Project Components
  - Core Frameworks
  - Ruby IDE
  - TCL IDE

- Community
  - 5 committers; 6 individual contributors
  - Contributing companies: Cisco, CodeGear, Xored
  - Base for commercial projects: CodeGear Ruby IDE (aka Red Diamond)

Major Project Milestones

- Proposed December 2005
- Created December 2006
- Core Frameworks and TCL IDE Component (0.7) Released February 2007
- Ruby IDE Component Introduced at EclipseCon 2007
- Milestone releases – Every 6 weeks

DLTK 0.9 (Incubation) Features

- Core Frameworks
    - Structural Source Code Model
    - Type Inference Engine
    - Search and Indexing
    - Launching and Debugging over DBGp protocol
    - Interactive Console
    - Common UI components (Wizards, Views, Preference Pages, etc)
    - Plan available at:
      http://wiki.eclipse.org/index.php/DLTK_Project_Plan

- Ruby IDE Component
    - Many of JDT-alike features implemented

- TCL IDE Component
    - Many of JDT-alike features implemented

Intellectual Property

- Core, TCL, Python, and Ruby components source code approved have been made under EPL 1.0 (CQ #1135).
- Ruby component contains source code derived from JRuby (available under CPL). Code approved to use with DLTK (CQ #1137).
- All plugins contain appropriate license files
- All committers have completed Eclipse Committer Agreements and have been approved by the PMC

API: 0.9 Status

- Implementation
  - Project is in incubation phase and public API in general is yet not stable.
  - Core Frameworks API is quite stable. Other DLTK components and external projects depends on the Core.
- Documentation
  - Project is in incubation phase and lacks of documentation.
- Test Cases
  - Some code is covered with test cases.
- Compatibility
  - No compatibility issues exists since there was no first release.

Defect Statistics (All Components)

- As of May, 30:
  - 155 TOTAL
  - 1 NEW
  - 41 ASSIGNED
  - 113 RESOLVED (will be closed by release)

- Version 0.9 to be released