Requirements Council Minutes

January 22, 2007 @ Hyatt Burlingame
## Attendees

- Paul Clenahan (Actuate)
- Pat Huff (IBM)
- Bob Fraser (BEA)
- Anurag Gupta (Intel)
- Brian Carroll (Serena)
- Yossi Leon (Zend)
- Dino Brusco (Motorola)
- Paul Styles (Compuware) *** (Also on Planning Council meeting)
- Oisin Hurley (Iona) *** (Also on Planning Council meeting)
- Donald Smith (Eclipse Foundation)
Agenda

- Review of October 2006 Minutes
  - Bugzilla Plan update
  - Bob Fraser updates us on UI Working Group
- Member Presentations
  - Serena, Zend, Compuare
- Issue Tracking
  - Review List of Issues
  - Any new Issues? -> What is important
  - Work on Update Manager issue
- 2006 T&P
- Road Map 3.0
- Open Discussion
Member Presentations

- Zend
  - Slides attached

- Serena
  - Slides attached
Issue Tracking

- Review List of Issues & Brainstorm new issues
  - Update Manager
  - AJAX Working Group – First meeting at EclipseCon
    - Client Side versus Server Side
    - Generalize to Web 2.0 (?)
      - FLEX, GWT
  - Natural Language Translations – need help
  - Multi-core developer support
    - (Data structures, race conditions, deadlocks)
    - Market target group unable to take advantage of growing cores
  - Consistent Multi-language support
  - Coordinating releases (etc) with other OS Communities
    - Strategy for aligning with non Eclipse projects
      - IP challenges
      - Update issues (technical)
      - Stable API’s and predictable release schedules
      - Marketing the releases and evangelism
    - Technical versus “business”
  - Daylight Savings Time issues (?)
  - “Common Criteria” support, related to security and reliability analysis
Update Manager Issue

- For details, see WIKI

What is the problem:
Update manager does not really support non-Eclipse things such as making a database update, file
Possible to request wire of binary but misses dependency Checking
Main issue is distributing non-Eclipse products
Please explain why there are no ways to easily work around the issues listed above.

Author of Issue:
- Initial contribution is attendees of December 7th teleconference

- * Supporting the case (list of RC members and background):
  - PLEASE ADD YOUR NAME/CONTACT INFO HERE IF YOU UPDATE THIS PAGE.

- * Persons/Projects of interest
  - PLEASE LIST PEOPLE WE SHOULD CONTACT OR KNOW ABOUT HERE
Update Manager Issue

- For latest details on issue, see WIKI. Suggestions from Nokia added January 17th, 2007.

- Suggestion to add to WIKI – See “Enterprise Ready” section in T&P

- Currently there is a plug-in fest going on in Embedded – could this work for Update Manager
  - Analyze success (pros/cons) from Embedded plug in fest
  - Enablers for it to be successful
  - Up front design and considerations in advance
    - “Test” before people can attend to make sure the right people are in attendance
    - All the key people need to be in attendance
    - Would be good to involved Buckminster folks and Orbit project folks

- Recommend Nokia scope effort to implement the “push” functionality
AJAX Working Group

- What is the problem:
  - Lots of AJAX Activity in Eclipse, not a lot of coordinated discussions
  - AJAX is next generation of application style
- Supporting the case (list of RC members and background):
- Action Plan and Status
  - AJAX Working Group meeting kick-off at EclipseCon
    - ATF, RAP, Bob Goodman, Jochen Krause
    - Be sure to get consumer perspective – Actuate
    - Look at more than just members for kick-off
    - Client side versus Server side
    - Check with Bob Fraser about UI Guidelines
    - WTP (Design tooling) RCP stuff
Natural Language Translations – Internationalization

- **What is the problem:**
  - Currently English-only support planned for Europa
  - More than just translating
    - Enabling of all projects to be internationalized
    - Tooling
    - Testing – Currently lots of this happens
    - Double-byte character testing, R-L languages

- **Action plan and Status:**
  - Find status with Mike regarding the board – i.e., has the board been updated on the issue – recommend board be updated
  - Gauge
    - Gather download stats and/or survey to gauge
    - Find out what languages member organizations currently support in their products
    - Geographic Download data by non-English country
    - How do other OS projects internationalize?
  - **Solution Scoping**
    - Publicizing the issue
    - RC Duty is to notify our own organizations of the issue
    - Propose to present data to board in February
Multi-core support

- What is Problem:
  - To better enable developers to write multi-threaded programs to take advantage increasing multiple cores
  - Secondarily, will Eclipse itself be optimized for running on multi-cores

- Action Plan and Status:
  - Don to send link on Multi-core IDE organization
    - Identify types of tools that multi-threaded developers tend to use
  - Survey to find developer pain points regarding multi-core
    - Open Ended
  - Challenges may be more client-side, given that many server side apps have been working in multi core for some time
  - Determine which projects will be impacted by the growth of multi core
    - I.e., Java apps can benefit from the JVM, but will CDT?
    - EMF, TPTP, RCP
- Don to check on MacOS

- DLTK (etc) to move Multi Language support into Active theme

- In final version, Don to look at relationship between Ease of use and “Enterprise Ready” themes
Open Discussion

- Membership Lifecycle
  - “The Eclipse Way” – Tutorial idea is a good one
  - How can the foundation offer a “kick start” program on-site to new members
  - New member WIKI page
  - Check on the degree to which Mentoring will help

- Reduce overlap on events

- Proposal to consider next meeting in June.
Bugzilla

- Don to setup Keywords in bugzilla
- Group to set keywords for each T&P
- Don to setup "top down" view of key bugs for a given T&P, to help road map, etc.