ECF 3.4

Project Lead: Scott Lewis slewis@composent.com

Dev Mailing List: ecf-dev@eclipse.org

Home Page: http://www.eclipse.org/ecf

Wiki: http://wiki.eclipse.org/ECF

Project Plan: http://www.eclipse.org/projects/project-plan.php?projectid=rt.ecf

Highlights

- ## DNS-SD Service Discovery Provider
  - Uses DNS-Update (RFC 2136) for service discovery
  - Successful Google SOC project from ECF committer Markus Kuppe

- ## Atom/RSS Rest Provider
  - Enhances ECF Rest Remote Service provider to use Atom/RSS for REST request/response
  - Gives consumers of ECF Rest Remote Services alternatives for serialization/deserialization (also json and xml currently supported)
  - From new committer Pavel Samolisov

- ## Distributed EventAdmin Improvements
  - Generalizes existing distributed event admin so that consumers can easily customize Event serialization, and add Event persistence

- ## Examples and Docs Additions and Improvements

- ## Git and build/test improvements to better enable contributors

Themes and Plan Items

- ## Remote Services
  - DNS-SD discovery immediately usable for remote services discovery
  - Atom/RSS Rest additions
  - Distributed event admin

- ## Examples and Docs
  - API usage (particularly Remote Services)
  - Other Examples

Deferred Plan Items

- ## Google Wave Provider

  - https://bugs.eclipse.org/bugs/show_bug.cgi?id=280347

  - Wave provider from Google SOC project now exists

  - SOC student has been occupied with other commitments, so contribution will be included in ECF 3.5

  - Insufficient resources to complete, review, test, deploy in ECF 3.4 cycle

Non Code Aspects

- ## Community Grows and Becomes More Active

  - Many new large and small contributors

  - New committer: Pavel Samolisov.   Already contributed Atom/RSS, ECF Examples (not included in ECF 3.4), XmlRpc provider under development...*fantastic*

  - Many new consumers of OSGi 4.2 remote services standard implementation

  - Mailing list: ecf-dev@eclipse.org, newsgroup: eclipse.technology.ecf

  - ECF Blog is very active: http://eclipseecf.blogspot.com

  - Wiki contributions growing. Wiki going to be 'crowdsource' focus for ECF book effort

- ## Internationalization, Localization, Accessibility

  - Meeting all Helios Requirements. Will also do so for Indigo.

  - As runtime project, ECF has minimal UI (modulo example apps)

Committer Diversity

- 11 part time active committers

- Committers and contributor from multiple companies
  - Remain Software, Composent, IBM
  - Others

- Committers from multiple countries
  - Russia, Brazil, US, Germany, Denmark, France

API

- In Active Use for Commercial/Non-commercial projects

  – P2/Platofrm: ECF filetransfer

  – OSGi REmote Services: Multiple community consumers

  – Commercial products/projects

- Documentation remains focus (and weak spot)

  – Bundle-Level Documentation: http://wiki.eclipse.org/index.php/ECF_API_Docs

  – Javadocs: http://www.eclipse.org/ecf/org.eclipse.ecf.docs/api/

  – More examples for remote services: http://wiki.eclipse.org/ECF#OSGi_4.2_Remote_Services

  – Getting great contributions from community now! More example bundles/applications on-the-way.

  – More work on documentation and examples needed...but project resources remain a problem.

Standards

- ## OSGi 4.2 Remote Services

  - Bugs fixed, reliability enhanced, added DNS-SD and Atom/RSS Rest-based remote services

  - Getting significant usage and continuous community-driven improvement

- ## Future/Indigo

  - Implementation of OSGi 4.2 Remote Services Admin now underway for inclusion in ECF 3.5: https://bugs.eclipse.org/bugs/show_bug.cgi?id=324215

Bugzilla

112 bugs resolved or closed since ECF 3.3

https://bugs.eclipse.org/bugs/buglist.cgi?
classification=RT;chfieldto=Now;query_format=advanced;
chfieldfrom=2010-06-
30;bug_status=RESOLVED;bug_status=VERIFIED;bug_s
tatus=CLOSED;product=ECF

IP Issues

- All significant and third party contributions have been reviewed and approved by Eclipse legal.

- About files and license files are complete and correct.

- ECF has several other pending/under review contributions, but these are **not** included in ECF 3.3

- Draft IP log:

    – http://www.eclipse.org/projects/ip_log.php?projectid=rt.ecf

ECF 3.5 Plans (Preliminary)

Remote Services Admin Standard Implemenation
Google Wave Provider + Example App
Examples and Documentation
Other things under discussion