



ECF 3.5.6

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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



- OSGi Remote Services/Remote Service Admin
 - Upgraded OSGi RSA API classes to OSGi v5. No API changes.
 - [Removed references to deprecated OSGi PackageAdmin service](#). Replaced with use of wiring API
 - Use of ECF's impl of [OSGi remote services in Simulation Research](#)
- HttpClient Filetransfer (Eclipse/p2 client)
 - [Fixed problem with shutdown of HttpClient instance in Apache HttpClient 3.1](#), that was causing ECFpause/resume to fail

Highlights



- ECF Documentation Project
 - community votes for documentation priorities at http://wiki.eclipse.org/ECF_Documentation_Priorities
 - contributions by the community
 - coordinated at https://bugs.eclipse.org/bugs/show_bug.cgi?id=329124
 - started by Wim Jongman
- Build infrastructure improvements
 - Maven repos along with p2 repos. Experimenting with using Tycho for future
 - nightly repos

Non Code Aspects



- Awarded 'Most Open Project' at EclipseCon 2012
- Community Grows and Becomes More Active
 - Additional new large and small bug fixes and contributions
 - New consumers of OSGi 4.2 remote services standard implementation
 - Mailing list: ecf-dev@eclipse.org, newsgroup: eclipse.technology.ecf
 - ECF Blog is active: <http://eclipseecf.blogspot.com>
 - Recent contribution of HttpClient 4.1 provider:
https://bugs.eclipse.org/bugs/show_bug.cgi?id=251740 (for ECF 3.6)
- Internationalization, Localization, Accessibility
 - Meeting all Juno Requirements.
 - As runtime project, ECF has minimal UI (modulo example apps)

Committer Diversity



- 12 active committers
- Committers and contributor from multiple companies
 - Remain Software, Compositent, IBM
 - Individuals
- Committers from multiple countries
 - Russia, Brazil, US, Germany, Denmark, France, Netherlands

- In Active Use for Commercial/Non-commercial projects
 - P2/Platform: ECF filetransfer
 - OSGi Remote Services/RSA: Multiple community consumers
 - Commercial products/projects
- ECF is going to support more and more standards
 - Remote Service Admin: Very important part of OSGi 4.2 for enterprise usage
 - real-time optimistic concurrency control compliant using a federation infrastructure (compliant to XEP-0114) to be included in ECF 3.6
- Improved documentation
 - Wiki docs. From committers and community contributions



Bugzilla

- 69 bugs resolved or closed since ECF 3.5.1 (1)
- 49 bugs created since ECF 3.5.1 (2)
- average response time (new bugs): 12 hours, 31 minutes

(1) https://bugs.eclipse.org/bugs/buglist.cgi?list_id=1672784;classification=RT;chfieldto=Now;query_format=advanced;chfield=bug_status;chfieldfrom=2011-05-31;bug_status=RESOLVED;bug_status=VERIFIED;bug_status=CLOSED;product=ECF

(2) [https://bugs.eclipse.org/bugs/buglist.cgi?list_id=1672786;classification=RT;chfieldto=Now;query_format=advanced;chfield=\[Bug%20creation\];chfieldfrom=2011-05-31;product=ECF](https://bugs.eclipse.org/bugs/buglist.cgi?list_id=1672786;classification=RT;chfieldto=Now;query_format=advanced;chfield=[Bug%20creation];chfieldfrom=2011-05-31;product=ECF)

IP Issues



- All significant and third party contributions have been reviewed and approved by Eclipse legal.
- Piggyback CQ's for all version upgrades (e.g. OSGi RSA API), Orbit libs
- About files and license files are complete and correct.
- ECF has several other pending/under review contributions, but these are **not** included in ECF 3.5

ECF and Standards



- OSGi v5 Remote Services: In core specification
- OSGi v5 Remote Service Admin: In enterprise specification
 - Both are full/complete implementation of OSGi specifications
 - Unique: Only implementation known to support pluggable discovery and distribution providers
 - Only impl of these specs among EF projects
- Unique: ECF transport independence, combined with OSGi standards impl for RS/RSA allows easy extension to arbitrary transports...e.g. REST-based (Restlet at github now), JMS (at github also), others. This allows custom/proprietary protocols and serialization to be used within fully-compliant standard impl. No need for others to reimplement RS/RSA spec independently.

ECF Plans (Preliminary)



HttpClient 4 provider

More Examples, Documentation

Remote services testing framework

Release Salvo Newsreader application