



ECF 3.5

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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



- **Remote Service Admin**
 - Full implementation of OSGi 4.2 Remote Service Admin (RSA), chapter 122 in enterprise specification
 - OSGi remoteservice TCK not run on new implementation (yet), due to legal issues (we'll run it asap)
 - Allows consumers to easily replace discover and distribution systems using ECF's provider architecture
 - All ECF providers are standard compliant right now
 - Standardized OSGi endpoint description extender format (section 122.8) obsoletes old/RFC 119-based format
 - Contributed by Scott Lewis/Composent, Inc
- **XML-RPC provider**
 - Implements ECF's remote service client API
 - Supports remote service invocation through a proxy and/or async proxy
 - Based on the Apache XML RPC Version 3 library
(IP approved: https://dev.eclipse.org/ipzilla/show_bug.cgi?id=4549)
 - Contributed by Pavel Samolisov

Highlights



- ECF independent from Equinox
 - Apache Felix is now also supported
 - ECF4Felix project available at <https://github.com/ECF/ECF4Felix>
 - Allows even more consumers to use ECF within their environment
 - From Markus Alexander Kuppe

Highlights



- **ECF Documentation Project**
 - new approach to further improve the ECF documentation
 - community votes for documentation priorities at http://wiki.eclipse.org/ECF_Documentation_Priorities
 - huge responses and contributions by the community
 - coordinated at https://bugs.eclipse.org/bugs/show_bug.cgi?id=329124
 - started by Wim Jongman
- **Major infrastructure improvements**
 - new build hardware:
 - donated by Wim Jongman / Remain Software
 - free hosting by OSU labs
 - Maven releases
 - nightly repos

Themes and Plan Items



- Wave Provider
 - https://bugs.eclipse.org/bugs/show_bug.cgi?id=280347
 - Google Wave will be moved to the Apache Foundation just around EclipseCon 2011
 - Therefore the provider is currently under active development and will be introduced at EclipseCon 2011: <http://www.eclipsecon.org/2011/sessions/?id=2175>
- Examples and Docs
 - API usage (prioritized at the ECF Documentation Project)
 - Other Examples

Non Code Aspects



- **Community Grows and Becomes More Active**
 - Many new large and small contributors
 - Crowdsourcing focused by the ECF Documentation Project
 - ECF Documentation Project does very well involving the community. Martin Petzold and others doing an excellent job.
 - 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>
- **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



- 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: Multiple community consumers
 - Commercial products/projects
- ECF is going to support more and more standards
 - Remote Service Admin just finished
 - real-time optimistic concurrency control compliant using a federation infrastructure (compliant to XEP-0114) to be included in ECF 3.6
- Improved documentation



Bugzilla

- 64 bugs resolved or closed since ECF 3.4 (1)
- 79 bugs new created since ECF 3.4 (2)
 - 3 critical, 11 major, 55 normal, 3 minor, 7 enhancement requests
- average response time (new bugs): 12 hours, 31 minutes

(1) https://bugs.eclipse.org/bugs/buglist.cgi?classification=RT;chfieldto=Now;query_format=advanced;chfieldfrom=2010-10-29;bug_status=RESOLVED;bug_status=VERIFIED;bug_status=CLOSED;product=ECF

(2) [https://bugs.eclipse.org/bugs/buglist.cgi?chfieldto=Now;query_format=advanced;chfield=\[Bug%20creation\];chfieldfrom=2010-10-29;classification=RT;product=ECF](https://bugs.eclipse.org/bugs/buglist.cgi?chfieldto=Now;query_format=advanced;chfield=[Bug%20creation];chfieldfrom=2010-10-29;classification=RT;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 3.5
- Draft IP log:
 - http://www.eclipse.org/projects/ip_log.php?projectid=rt.ecf

ECF and Standards



- OSGi Remote Services ... aka chapter 13 in compendium
- OSGi 4.2 Remote Service Admin...aka chapter 122 in enterprise specification
 - Both are full/complete implementation of OSGi specification
 - Only known implementation to support pluggable discovery and distribution providers within standard
 - Only impl of these specs among EF projects
 - Standards support requested by ECF consumer community
- Several other standard protocols: HTTP, FTP for async file transfer, XMPP for presence/IM, JMS for pub/sub messaging

ECF 3.6 Plans (Preliminary)



ECF Call API provider based upon SIP
Google Wave Provider + Example App
Examples and Documentation