



ECF 3.7.0

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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



Servlet API

API to allow the easy creation of Servlets that expose OSGi Remote Services

Uses Standard HttpService

Remote Services Robustness Improvements

e.g. Bug: https://bugs.eclipse.org/bugs/show_bug.cgi?id=414448

New Examples

TimeService: OSGi Remote Service

- New Rest-based Provider

http://www.eclipse.org/community/eclipse_newsletter/2013/july/article3.php

Highlights



Support for OSGi Remote Services/Remote Service Admin v5

- Tested against R5 CT

Support for 4.2 version of Apache HttpComponent (for ECF filetransfer/p2)

Already in M2 of Luna

https://bugs.eclipse.org/bugs/show_bug.cgi?id=414591

Highlights



Standalone Zookeeper Discovery Server

Server can be used for WAN discovery of remote services or as a standalone Zookeeper server run from the command line as an Eclipse product.

Sources on the ECF Github repository. To build the Server:

```
git clone https://github.com/ECF/ZooServer.git
```

```
cd ZooServer
```

```
mvn clean install
```

Subsequently, the product can be found as a zip archive for various platforms in the [../org.eclipse.ecf.zooserver.parent/target/products](https://org.eclipse.ecf.zooserver.parent/target/products) directory. Unzip the server for your platform, enter the resulting directory and run the `zooserver` executable.

Non Code Aspects



- Community Grows and Becomes More Active
 - Additional new large and small bug fixes and contributions
 - New consumers of OSGi 5 RS/RSA standard implementation
 - Mailing list: ecf-dev@eclipse.org Very active.
 - ECF Blog is active: <http://eclipseecf.blogspot.com>
- Internationalization, Localization, Accessibility
 - Meeting all Luna Requirements.
 - As runtime project, ECF has minimal UI (modulo example apps)

Committer Diversity



- ~5 active committers
- Committers and contributor from multiple companies
 - Remain Software, Compositent, IBM
 - Individuals
- Committers from multiple countries
 - Russia, Brazil, US, Germany, Denmark, France, Netherlands
- Multiple committers as mentors in Google Summer of Code



- 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 Services/Remote Service Admin R5 CT Compliant
- Improved documentation
 - Wiki docs. From committers and community contributions

Eclipse Newsletter July 2013 Article:

http://www.eclipse.org/community/eclipse_newsletter/2013/july/article3.php



Bugzilla

- 24 bugs resolved since ECF 3.6.1 (Kepler) (1)

(1)

https://bugs.eclipse.org/bugs/buglist.cgi?list_id=6928792&classification=RT&chfieldto=Now&chfield=bug_status&query_format=advanced&chfieldfrom=2013-06-24&chfieldvalue=RESOLVED&product=ECF

IP Issues



- No new CQ's since Kepler
- Piggyback CQ's for all Apache HttpComponents and dependency version upgrades Orbit libs
- About files and license files are complete and correct.

ECF and Standards



- OSGi v5 Remote Services and 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)



Refactor Feature Structure – Enable usage for OSGi Remote Services/RSA on OSGi Servers

More Examples, Documentation

Promote Server-side usage of OSGi Remote Services

- More examples
- Documentation
- New Distributions (enabled by feature re-factor)