Copy of Jetty Documentation

Documentation

The aim of these documents is to help you deploy and configure the various aspects of Jetty6. The How To section offers more in-depth information on using Jetty6 or integrating it with other platforms.

Navigation

- Wiki top level
- Jetty Home

Getting Started

- Jetty Overview
- Installing Jetty-6.1.x
- Installing with RPMs
- Building from Source
- Maven Repositories
- Running and Stopping

References

- Jetty Architecture
- Jetty Xml Configuration Syntax Reference

Tutorials

- Newbie Guide to Jetty
- Writing a Jetty Handler
- Embedding Jetty
- Porting to Jetty6

Feature Guides

AJAX

- AJAX Continuations
- Cometd (aka Bayeux)
- ActiveMQ

Maven Support

- Maven Jetty Plugin
    - Which files are scanned by the Jetty Maven Plugin
- Maven Jetty Jspc Plugin

Ant Support

- Ant Jetty Plugin

Useful Servlets and Filters

- Servlets Bundled with Jetty

Integrations

Servers

- Apache Geronimo JEE
- RedHat JBoss
- Grizzly Connector from Glassfish

Web Frameworks

- DWR
- MyFaces
- JSF Reference Implementation
- Jakarta Slide
- Google Widget Toolkit
- Jetspeed2
- ICEfaces

EJB3

- Jetty and Spring EJB3 (Pitchfork)
- JBoss EJB3
- ObjectWeb EasyBeans (aka JOnAS EJB3 container)

Infrastructure

- Atomikos Transaction Manager
- JOTM
- Bitronix Transaction Manager
- ActiveMQ

OSGi

As of release 6.1.5 Jetty jars ship containing OSGi manifests.

Apache Felix

- Jetty as the HTTP Service in Felix

Eclipse Equinox

- Jetty as the HTTP Service in Equinox

Other

- JIRA
- Jetty with XBean
- Windows service wrapper
- JME CDC
- Jetty Clustering with WADI
- Session Clustering with Terracotta

How Tos

Development and Tools

General

- Jetty Coding Standards
- Running Jetty with jconsole
- Debug Logging
- Useful web developer tools
- How to test Servlets

Eclipse

Workbench

- Importing Jetty Source into Eclipse
- Debugging Jetty with Eclipse
- Debugging with the Maven Jetty Plugin inside Eclipse
- Launching jetty from within Eclipse *Soon to be upgraded to jetty6*
- Web Tooling Support *Coming soon*

Equinox/OSGi

- Jetty as an OSGi HTTP Service

IDEA

- Debugging Jetty with IntelliJ IDEA

Maven

- Maven web app project archtypes *courtesy of Webtide*
- Maven Jetty Plugin
- Maven Jetty Jspc Plugin

Cargo

- Cargo container-agnostic testing tools

Configuration

General Configuration

- Configuring Jetty
- The jetty.xml file
- The jetty-web.xml file
- The jetty-env.xml file
- The webdefault.xml file
- The override web.xml file
- Temporary Directories
- System Properties
- Suppressing HTTP Server Header
- Classloading
- Serving aliased/symbolically linked files
- Customizing startup
- Using XBean to configure Jetty

Contexts and Web Applications

- Web Application Deployer (static deploy)

- Context Deployer (hot deploy!)
- Static Content
- see also Embedding Jetty and Maven Jetty Plugin

Connectors

- Configuring SSL
    - Ssl Connector Guide
    - Configure SSL Cipher Suites
- AJP13 and mod_jk
- Running on port 80 as non-root user

Associating webapps with ports and virtual hosts

- Serving different webapps from different ports
- Virtual hosts

Thread Pools

- Bounded ThreadPool

Security

- Securing Jetty
- Securing Passwords
- Realms
    - JAAS Realms
- How to Configure Security with Embedded Jetty

Management

- Server Log *(coming soon)*
- Request Logging
- Collecting statistics
- Graceful shutdown
- JMX

Annotations

- Annotations, Resource Injection and Lifecycle Callbacks

JNDI Services

- Using JNDI
    - DataSource Examples

JSP

- JSP 2.0 and JSP 2.1

Clustering

- Session Clustering with WADI
- Session Clustering with Terracotta

Other

- International Characters and Character Encodings
- Intercepting Connections and Requests

- Website on a CD (Jetty 5 - but same principle applies)
- Binding J2SE6 Endpoints to Jetty contexts

FAQ - Frequently Asked Questions

General

- Why is it called Jetty?
- How do I submit a support question?
- Porting to jetty6

Troubleshooting

- NullPointerException at org.apache.jasper.compiler.Localizer.getMessage1
- Files locked on Windows
- JSP expression do not evaluate1
- Problems with JAAS in Jetty 6.0.0
- Welcome files not working
- Security Constraints and Welcome Files
- Invalid Content Length Log Messages
- "Save could not be completed" error in eclipse?
- ZIP exception reading jar or war files