**System property**

openfire.lib.dir

openfireHome

admin property

log.debug.enabled

xmpp.domain

**Customize ClassLoader**

JiveClassLoader

package org.jivesoftware.openfire.container;

AdminConsolePlugin

package org.jivesoftware.openfire;

XMPPServer

package org.jivesoftware.openfire.container;

PluginManager

**SSLConfig**

public static String LOCAL\_CACHE\_PROPERTY\_NAME = "cache.clustering.local.class"; = >

org.jivesoftware.util.cache.DefaultLocalCacheStrategy

public static String CLUSTERED\_CACHE\_PROPERTY\_NAME = "cache.clustering.clustered.class"; =>

org.jivesoftware.openfire.plugin.util.cache.ClusteredCacheFactory

plugin folder list:

classes

database

i18n

web

lib

cache-config.xml

logo\_small.png

logo\_small.gif

In cache-config.xml

cache-config/cache-mapping/ cache-name

cache-config/cache-mapping/ scheme-name

**Type[replicated, optimistic, distributed], params [back-size-high, back-size-low, back-expiry]**

ex. <cache-config>

\* <cache-mapping>

\* <cache-name>My Cache</cache-name>

\* <scheme-name>optimistic</scheme-name>

\* <init-params>

\* <init-param>

\* <param-name>back-size-high</param-name>

\* <param-value>131072</param-value>

\* </init-param>

\* <init-param>

\* <param-name>back-expiry</param-name>

\* <param-value>6h</param-value>

\* </init-param>

\* <init-param>

\* <param-name>back-size-low</param-name>

\* <param-value>117965</param-value>

\* </init-param>

\* </init-params>

\* </cache-mapping>

\* </cache-config>

plugin.xml

/plugin/minServerVersion

/plugin/parentPlugin

/plugin/class = > implement Plugin interface

/plugin/databaseKey

/plugin/databaseVersion

/plugin/licenseType

/plugin/adminconsole

/plugin/author

/plugin/version

/plugin/licenseType [commercial, gpl, apache, internal, other]

If plugin is WAR file

\* <pre>

\* ContextHandlerCollection contexts = ((AdminConsolePlugin)pluginManager.getPlugin("admin")).getContexts();

\* context = new WebAppContext(SOME\_DIRECTORY, "/CONTEXT\_NAME");

\* contexts.addHandler(context);

\* context.setWelcomeFiles(new String[]{"index.jsp"});

\* context.start();

\* </pre>

verifyDataSource();

// First load all the modules so that modules may access other modules while

// being initialized

loadModules();

// Initize all the modules

initModules();

// Start all the modules

startModules();