tutorial

What is JabberID

JabberId is compose of name, domain, resource

ex. username@domain.com/mobile.

* **package org.jivesoftware.openfire.starter**

1. ServerStarter, the first entry point to start up, then call XMPPServer class
2. JiveClassLoader, load all lib classes

Bootstrap Classloader

Ext Classloader

APP or System

Classloader

Jive

Classloader

Plugin

Classloader

* package org.jivesoftware.openfire

1. XMPPServer => do property to database = > plugin manager start => admin plugin first launch
2. JMXManager = > need modify String jmxUrl = "/jndi/rmi://localhost:" + jmxPort + "/jmxrmi";

* AuthFactory
* package org.jivesoftware.openfire.cluster
* **package org.jivesoftware.openfire.container => plugin interface**

1. PluginManager
2. PluginClassLoader
3. AdminConsolePlugin = > the first launch plugin
4. GetAdminConsoleInfoTask, IsPluginInstalledTask

* package org.jivesoftware.util

1. JiveGlobals => global configuration => save property to database => JiveProperties responsible to save to table ofProperty

* package org.jivesoftware.openfire.admin

1. AdminManager getAdmin, if not set admin account in openfire.xml, default t set admin account

* package org.jivesoftware.openfire.spi;

RoutingTableImpl

* package org.jivesoftware.openfire.session;
* package org.jivesoftware.openfire.cluster;

ClusterManager

* package org.jivesoftware.util.cache;

CacheFactory

DB Handle

1. JiveProperties
2. SchemaManager
3. DbConnectionManager
4. PrivateStorage
5. DefaultRosterItemProvider
6. OfflineMessageStore
7. DefaultVCardProvider
8. PrivacyListProvider
9. PresenceManagerImpl
10. MultiUserChatManager
11. PEPServiceManager
12. PubSubPersistenceManager
13. PubSubPersistenceManager
14. Workgroup

ToDoList

1. IQSessionEstablishmentHandler
2. IQRegisterHandler
3. DefaultUserProvider table, password, and getUsers() function
4. DefaultAuthProvider plain
5. IQRosterHandler ToDo modify, I change code
6. IQDiscoItemsHandler
7. OfflineMessageStrategy message.getExtension("received", "urn:xmpp:carbons:2"), current not store offline, I change that

XEP-0060: Publish-Subscribe

XEP-0163: Personal Eventing Protocol