Introduction to Apache jUDDI

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This document is a short introduction to Apache jUDDI. jUDDI (pronounced "Judy") is an open source Java implementation that follows guidelines set by the version 2.0 Universal Description Discovery Integration (UDDI) specification for web services.

1. Apache jUDDI in LogicBlaze FUSE

Inside LogicBlaze FUSE we use jUDDI to provide the web services registry with the ability to look up and discover web services.

The architecture behind jUDDI can be described through its modules. Using a core request processor jUDDI *unmarshalls* incoming UDDI requests, it calls upon the corresponding UDDI function, and then *marshalls* the UDDI responses.

Marshalling is the process used to convert XML data to and from JAVA objects.

The calling of a UDDI function requires three configurable modules:

- `Datastore` (handles persistence)
- `Authenticator` (authentication)
- `UUIDGen` (generates UDDI's).

jUDDI must be used in conjunction with an external data store in which to persist the registry data that it manages.

2. Additional Resources

The jUDDI website, http://ws.apache.org/juddi/, is a resource that can provide you with general information about usage.

Step-by-step guide for using jUDDI can be found at http://www.devx.com/Java/Article/21390.

UDDI information: http://www.uddi.org/faqs.html.

UDDI tutorials: http://www.ruddi.biz/ruddi-gettingstarted/ruddi-gettingstarted-3.htm.