The RoadMap of JShaft

This document describes the development and the next features of the JShaft Project.

04/07/2006	Alpha Release Available plugins : Apache/Mod_JK and JOnAS, Apache/Mod_JK and Tomcat (HTTP Session Replication) JShaft Documentation
	Release v1.0 Jar Packaging Integration of the Sequoia plugin Documentations to manually install non-platform independent features (like Heartbeat under Linux)
	Supervision tool (Alpha version) Personalized Ant Task

Table 1: RoadMap

1. Integration of the Sequoia plugin	Sequoia is a transparent middleware solution for offering clustering, load balancing and failover services for any database. Sequoia is the continuation of the C-JDBC project. The database is distributed and replicated among several nodes and Sequoia balances the queries among these nodes. Sequoia handles node failures and provides support for check pointing and hot recovery.
2. Jar Packaging	Creation of a single jar file containing the whole project including plugin jar files, files models, properties files… The goal is to offer a simple way to run JShaft and to decrease the complexity of the deployment step.
3. Personalized Ant Task	Providing personalized Ant task by refactoring the java source code of JShaft. The goal is to

	add facilities to compile and deploy automatically JShaft on the entire cluster. The cluster would be configured more quickly and more easily.
4. Supervision tool	Monitoring deployed cluster composed of heterogeneous elements is difficult and often coupled with monitoring features of the servers. JShaft offers an abstract way to monitoring cluster by giving to the user a tool which is in charge of interrogate the running cluster.
5. Source code	Write the FileManagement.writeCredits() function. Give the ACID property to the JShaft project. Javadoc and/or Doxygen generation
6. Tool for HTTP session replication testing	The tool will test the correct deployment of the cluster by JShaft.

Table 2: TODO List

1. Problem with modifying properties files	The properties files must be formatted like that : Name=Value and not Name = Value (properties files specifications isn't supported)

Table 3: Bugs

JShaft Project Documentation