

How to cook your BPEL manager

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1 Document Goal

The goal of this document is to provide you the information necessary to transform an Apache ODE installation into a BPEL manager.

Installation and configuration of Apache ODE and Apache Tomcat are outside the scope of this document.

1.1 Document Conventions

In this document we will refer to the version of the Spagic platform as {SPAGIC_VERSION}.

Current Spagic release is 3.0-RC (Release Candidate).

2 Versions History

Version/Release n° :	1.0	Date	26/10/2009
Description	First release (English version)		

3 BPEL manager

Install Apache Tomcat 6.0.0.

Install the latest stable release of Apache ODE1.3.3.

ODE can be deployed in two different environments: as a simple Web Service in Axis 2 or as a JBI service assembly.

Choose the ODE distribution bundled in a WAR.

You can retrieve all the files and artifacts necessary to this customization from the package *spagic-bpel-manager{SPAGIC_VERSION}.zip*.

For the installation details see: <http://ode.apache.org/user-guide.html>.

Copy in <TOMCAT_HOME>/webapps/ode/WEB-INF/lib the following libraries:

- spagic-monitor-{SPAGIC_VERSION}.jar
- spagic-ode-listener-{SPAGIC_VERSION}.jar
- metadb-model-{SPAGIC_VERSION}.jar
- hibernate3.jar
- ant-antlr-1.6.5.jar
- antlr-2.7.6.jar
- asm.jar
- asm-attrs.jar
- c3p0-0.9.1.jar
- cglib-2.1_2.jar
- dom4j-1.6.1.jar
- ehcache-1.2.3.jar
- jta.jar
- xstream-1.3.jar

You should install also *mysql-connector-java-5.0.7-bin.jar* (if you are using MySQL, otherwise the corresponding driver) in the Tomcat lib folder.

Copy in <TOMCAT_HOME>/webapps/ode/WEB-INF/classes the hibernate.cfg.xml file.

Create in <TOMCAT_HOME>/webapps/ode/WEB-INF/conf a new file *ode-axis2.properties* containing the following line:
ode-axis2.event.listeners=org.spagic.monitoring.ode.listeners.OdeListener