



# SCIDIP-ES Orchestration Service Installation Quick Start

## Prerequisites

- JAVA SE Development Kit 6
- Working instance of Orient Graph Edition, version 1.5.0 – installation available at: <http://www.orientdb.org/portal/function/portal/download/unknown@unknown.com/-/-/-/-/-/orientdb-graphed-1.5.0.zip>
- Working instance of Tomcat Server, minimum version 7.0.12
- Source code for Orchestration Service available at: <http://svn.code.sf.net/p/digitalpreserve/code/SCIDIP-ES/software/tags/orchestration-0.0.7/>

## Customise configurations for local environment

Two steps have to be carried out in order to customise the installation of Orchestration Service:

1. Adding a user to Orient Graph DB – Orient users can be added in the `orientdb-server-config.xml` (under `config` folder of Orient Graph DB installation). Orchestration Service default installation requires a new user as shown below:

```
<users>
  <user resources="*" password="[GENERATED]" name="root"/>
  <user resources="*" password="<USERNAME>"
name="<PASSWORD>"/>
</users>
```

2. The user credentials have to be replaced in the `graph.properties` under the folder `($TOMCAT_HOME/webapps/orchestration-service/WEB-INF/classes)` as follows:

```
driver = orient
# driver = neo4j
user = <USERNAME>
password = <PASSWORD>
host = localhost
#Property "path" is for orientdb
path = /opt/orientdb-graphed-1.5.0
#path = C:/orientdb-graphed-1.5.0
```

3. Fix file system permission: tomcat service user has to be able to write to the `$ORIENTDB_HOME/databases` directory.

```
cd /opt/orientdb-graphed
sudo chown -R root:tomcat7 databases
sudo chmod -R 775 databases
```

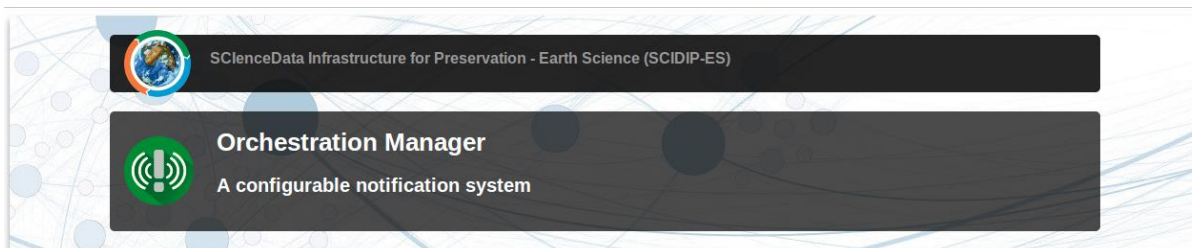


## Test the installation

First of all, instance of Orient Graph 1.5.0 has to be running. If the Orient Graph 1.5.0 is running, deploy orchestration-service.war and orchestration-service-gui.war packages on tomcat. Open a browser and visit this endpoint

<http://<host>:<port>/orchestration-service-gui/>

The home page should be displayed:



In case of wrong/incomplete configuration or Orient Graph is not running, the HAPPI should display an error message.