

Introduction

The following instructions describe how to deploy a new iteration of TIPS. If you encounter problems during deployment, please contact xxxxxxx@clientname.com



Note: Before initiating deployment, make sure that approval of the latest version in the QA environment has been obtained from [redacted] and redacted].

Preparation

To prepare for the deployment, pull the following projects from Subversion:

- tips-cda-rest
- tips-cda-tii
- webdav
- jcr-libs
- tips-cma
- tips-cma-admin (To be used by the jcrconsole.sh tool)
- tips-cma-tools (Contains the import and init_repository.sh tools)
- tips-jcr
- TIPS_GUI
- CMA_Admin
- CMA_Editor

Process

1. Before beginning, export and backup the repository.
2. Initialize the repository with init_repository.sh.
 - a. Select Option 1 to register the node types.
 - b. Select Option 2 to create the main structure.
 - c. Select Option 3 to create an admin user.



Note: This user will be the first to be able to login in the system. Please pick a secure ID and password.

- d. Select option 4 to check that Tomcat server.xml is configured with the proper JCR resource.

Example

```
<Resource
```

```
    name="jcr/globalRepository"
```

```
    auth="Container"
```

```
    type="javax.jcr.Repository"
```

```
    factory="org.apache.jackrabbit.core.jndi.BindableRepositoryFactory"
```

```
    configFilePath="/data/home/tcat2/jcr-repository/repository.xml"
```

```
    repHomeDir="/data/home/tcat2/jcr-repository/repository" />
```

```
<Resource name="jdbc/globalTipsDB" auth="Container"
```

```
    type="javax.sql.DataSource"
```

```
    driverClassName="org.apache.jackrabbit.core.persistence.bundle.OraclePersistenceManager"
```

```
    url="jdbc:oracle:oci:@TIPSQ"
```

```
    username="tips2owner" password="welcome123" maxActive="20" maxIdle="10"
```

```
    schemaObjectPrefix="tips2owner"
```

```
    maxWait="-1"/>
```

3. Copy the jar files in the lib directory of the tips-jcr project into the tomcat directory common/lib.



Note: Jackrabbit is currently running version 1.4.

4. Copy any war files to webapps. These include:

- a. tips-cda-rest
- b. tips-cda-tii
- c. webdav
- d. tips-cma
- e. tips-cma-admin

5. Start Tomcat and login from the CMA Admin panel.

6. Confirm that the new deployment is working properly using the [TIPS QA Checklist](#).
7. Shutdown Tomcat.

Next: [Importing content files](#) to the new TIPS deployment.