

Introduction

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

Note: Before initiating deployment, make sure that you obtain approval of the latest version in the QA environment.

Preparation

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

- tips-cda-rest
- tips-cda-tii
- webdav
- jcr-lib
- tips-cma
- tips-cma-admin
- tips-cma-tools (Contains the import and initialization 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*.
 - Select **Option 1** to register the node types.
 - Select **Option 2** to create the main structure.
 - Select **Option 3** to create an admin user.

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

- Select **Option 4** to check that Tomcat server.xml is configured with the proper JCR resources.

Resource Examples

```
<Resource name="jcr/globalRepository"
    auth="Container"
    type="javax.jcr.Repository"
    factory="org.apache.jackrabbit.core.jndi.BindableRepositoryFactory"
    configFilePath="/data/home/tcat2/jcrrepository/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*.
4. Copy any war files to *webapps*. These include:
 - tips-cda-rest
 - tips-cda-tii

- webdav
 - tips-cma
 - 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 media files to the new TIPS deployment](#).