

Introduction

Use these instructions 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 have approval for 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.

Repository Example

```
<Resource name="jcr/globalRepository" auth="Container"
type="javax.jcr.Repository"
factory="org.apache.jackrabbit.core.jndi.BindableRepositoryFac
tory"configFilePath="/data/home/tcat2/jcrrepository/repository
.xml" repHomeDir="/data/home/tcat2/jcr-repository/repository"
/>
```

JDBC Example

```
<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.](#)