



GeorgiaBEST TECHNICAL SERVICES
INFORMATION TECHNOLOGY SERVICES

Install and Deploy XE Application File

Rock Eagle Pre Conference
2014

Juhan Slocumb



Steps to Install and Deploy

1. Create deployment directories
2. Set up Banner installer
3. Rebuild an application WAR file
4. Deploy XE application file



Create Deployment Directories

Log in as banner

1. create directory "ex. Banner Module(sched_92)" under SID

Ex. /u01/app/sct/<SID>/sched_92

2. create directory "shared_configuration" under SID

Ex. /u01/app/sct/<SID>/shared_configuration

3. create directory "installer" under SID

Ex. /u01/app/sct/<SID>/installer

4. create directory "ex. installxe/StudentClassSchedule" under installer

Ex. /u101/app/sct/<SID>/installer/installxe/StudentClassSchedule



Set up the Banner Installer

1. Change to directory: Copy *.zip file to /u01/app/sct/<SID>/installer/installxe/StudentClassSchedule location and unzip

2. Prepare Installer

```
cd /u01/app/sct/CXE11962/installer/installxe/StudentClassSchedule/installer
```

3. change permissions on ant tool

```
chmod +x ant
```

```
-run ant, make sure it builds successfully
```

```
./ant
```

4. List the directory to see what ant built.

5. Execute the installer. Enter data when prompted.

```
bin/install home
```

```
$ bin/install home
```

Enter the full path to the module home.

The module will be installed within the 'current' subdirectory within this home, and the previous release will be archived.

```
==> []: /u01/app/sct/CXE11962/sched_92
```



Cont.

Enter the full path to the 'shared configuration' home. **Note: (Shared configuration file: This file contains shared configuration needed by Banner 9 web applications (aka Banner 9 Modules) deployed within an environment (e.g., a TEST or PROD). That is, this is a shared (aka global) configuration file that may be used by all Banner 9 solutions deployed into the same environment (and thus deployed to point to the same database).**

Banner 9 modules configured to refer to this home will share the configuration specified here.

==> []: /u01/app/sct/CXE11962/shared_configuration

Please wait while the release is installed into the Home (this may take a few minutes) ...

```

_____          _____
(_____) \          /_____)
_____ ) _____ (_____)
|_____) ( / _ | _ \ | _ \ / _ ) / _____) \_____/
| |_____) | ( | | | | | | ( / / | | | | //
|_____ / \ | | | | | | | | | | \_____) | _____) /_/

```

ok



Rebuilding XE Application File

1. Change directory to /u01/app/sct/CXE11962/sched_92/current/installer

2. Change permission ant file

```
chmod +x ant
```

run ant, make sure it builds successfully

```
./ant
```

3. Run command below:

```
/u01/app/sct/CXE11962/sched_92/current/installer[]
```

```
$ bin/systool war
```

Please wait while the war file is generated (this may take 15 minutes or so) ... OK

4. Change directory to dist directory to view regenerated war file.

```
/u01/app/sct/CXE11962/sched_92/current/dist
```

Rename regenerated war file without the version number.

```
cp StudentClassSchedule-9.2.war StudentClassSchedule.war
```



Deploy XE Application File

1. To access the admin server, use the following URL:
<http://xedemoapp2.bor.usg.edu:7002/console>.
2. Click the **Deployments** link in the Domain Structure frame.
3. Select **Lock and Edit** in the Change Center.
4. Click **Install**.
5. The WAR file is located in the
`PRODUCT_HOME/current/dist/StudentClassSchedule.war`.
6. Click **Next**.
7. Select **Install this deployment as an application**.
8. Click **Next**.
9. Select the target server on which to deploy this application (for example, Schedule).
10. Click **Next**.
11. Click **Finish**.
12. Click **Activate Changes** in the Change Center frame.
13. Select the deployed application and then click **Start**.
14. Select **Servicing all request**.
15. Access the Schedule web application:
<http://xedemoapp2.bor.usg.edu:7011/StudentClassSchedule>