## Build Scripts

Apache Ant is used as the build and deploy script. The main build file is located in the TdpWeb folder, and the TdpApp folder is expected to be at the same directory level. To run ant scripts from the command line, use bin\runant.cmd. Here is a list of useful commands:

* dist [default] – builds an Ear file which is suitable for deployment
* install – deploys the ear file to the vaphswls2 host listening on port 7001. These can be overridden by specifying values for ‘weblogic.host’ and/or ‘weblogic.port’ in build.properties
* reload-db – will initialize the database. This needs to be done after any schema changes.
* test – runs all unit tests. Test results are saved in target\test-reports

## Deployment

Deployment can be handled in one of two manners:

1. run bin\runant.cmd, and ensure that no errors are reported. Note that the generated ear file is saved in target\dist\tdpApp.ear. Log onto the console using weblogic/1qazxsw2, and navigate to deployments.
   1. If there is an existing tdpApp, select it and stop it. Select Lock & Edit, then select TdpApp, and delete. Respond YES to the confirmation, and then click Activate Changes, ensuring that the deployment is no longer shown.
   2. Select Lock & Edit, and then Click Install on the deployments page.
   3. Above the Path box, there is an ‘ upload your file(s)’ link. Select this.
   4. Next to Deployment Archive, Browse to the target\dist\tdpApp.ear file, and open
   5. Click next, accepting all defaults until the finish button is available, and then click it.
   6. Select Activate Changes, and note the the deployment is displayed with a State of distribute Initializing.
   7. Select the deployment, click Start and select Servicing all requests
2. Run bin\runant.cmd install, and ensure that the command runs without errors. Note that for this to work, the current version of Weblogic Server (10.3.3 or 11G) need to be installed, and a domain must have been created.

## Testing

Once the application has been deployed, and verified in the AdminServer console, it should be tested in a browser by pointing your browser to <http://localhost:7001/tdp/> and logging on. With FOIA VISTA there are 2 test accounts which are set up: vhaino321/verify123. And vhaino111/verify123. (Note that the verify codes end in a ‘.’) The vhaino321 user is a normal Nurse user, while the vhaino111 user is the admin user, and has elevated privileges. Any valid access/verify code can be used to log in, and is considered a ‘normal’ user. An admin assign an admin role to any other user after successful login, as well.