Deploy Document

for

SISCalendar

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Revision History

Name	Date	Reason For Changes	Version
Initial	3/1/14	First version	1.0

Building the Project

- Inside of Eclipse, expand the build directory in the project.
- Right click the build.xml file, and go to Run as -> Ant.
- A WAR file will be generated in the dist folder.

Deploying the App

** Note: All of these processes assume that you have imported the SISCalendar into Eclipse.

Deploying to Dev by transferring WAR file directly to server

1. Create TeamBuilder.war in Eclipse
2. Open up WinSCP or FileZilla or another SCP method
3. Connect to siscalendardev.rit.edu
4. Drag the newly created sisCalendar.war into your home directory and overwrite the existing sisCalendar.war if there is one there.
5. Open up Terminal or PuTTY.
6. SSH into siscalendardev.rit.edu
7. Enter "sudo su - webapps"
8. Enter *cp /home/<username>/sisCalendar.war ~/staging/sisCalendar.war*
9. Enter *bin/cluster/chgMgmt/deploySisCalendar*
10. Application will deploy

Deploy to Dev

1. Run ANT script in SISCalendar project, and generate a WAR file (file is created in "dist" directory)
2. Copy or Move newly created WAR file to the "rc_dev" folder in the SVN project.
3. Commit the rc_dev folder into SVN.
4. SSH into Development Server
   a. On Windows:
      i. Use PuTTY with the following :
      ii. hostname : siscalendardev.rit.edu
      iii. port : 22
      iv. username : "student employment account"
      v. password : "Student Employment Account Password"

      b. On Mac/Linux
- i. Use Terminal:
- ii. ssh "student employment account"@siscalendardev.rit.edu
- iii. password : "student employment account password"

5. Enter the following command : sudo su - webapps

6. Enter your student employment credentials when prompted

7. Navigate to the releases directory : cd /home/webapps/bin/releases/

8. Use the Get Dev script : ./sisCalendarGetDev

9. Enter your student employment credentials when prompted

10. Navigate to the app directory : cd /home/webapps/bin/app/

11. Use the deployment script : ./deploySisCalendar

12. After a few minutes the application will be running.

Deploy to Test

1. SSH into the Development Server using the instructions in step 4 of the Deploy to Dev.

2. Navigate to the /releases directory : cd /home/webapps/bin/releases/

3. Run the promote to test script : ./promoteSisCalendarToTest

4. Wait for script to finish to running

5. SSH into the Test Server
   - a. On Windows:
     - i. Use PuTTY with the following :
     - ii. hostname : siscalendartest.rit.edu
     - iii. port : 22
     - iv. username : "student employment account"
     - v. password : "Student Employment Account Password"
   - b. On Mac/Linux:
     - i. Use Terminal with the following:
     - ii. ssh "student employment account"@siscalendartest.rit.edu
     - iii. password : "student employment account password"

6. Enter the following command : sudo su - webapps

7. Enter your student employment credentials when prompted

8. Navigate to the releases directory : cd /home/webapps/bin/releases/

9. Use the Get Test Script : ./sisCalendarGetTest

10. Navigate to the app directory : cd /home/webapps/bin/app/

11. Run the deploy script : ./deploySisCalendar

12. Wait a few minutes for script to run and server to start up, and application should be running on : https://siscalendartest.rit.edu/sisCalendar/

Deploy to Production

1. When testing is complete on the test server, you must contact a member of the ITS EWA team in order to have them push the application to production.