

# Grouper installer offline

To run the grouper installer offline:

Download the tarball of [all grouper tarballs](#)

Unzip to a directory, lets say: c:\temp

Make a directory to run the installer from: c:\temp\installGrouper2.3

Make a c:\temp\installGrouper2.3\grouper.installer.properties

```
#download.server.url = http://software.internet2.edu/grouper
download.server.url = C:/temp/grouper.all-2.3.0
```

```
# default version to install
grouper.version = 2.3.0
```

Copy the installer and run it

```
C:\temp\installGrouper2.3>copy c:\temp\grouper.all-2.3.0\release\2.3.0
\grouperInstaller.jar .
    1 file(s) copied.

C:\temp\installGrouper2.3>dir
06/25/2016  04:07 PM                212 grouper.installer.properties
06/25/2016  04:19 PM            2,340,907 grouperInstaller.jar

C:\temp\installGrouper2.3>type grouper.installer.properties
#download.server.url = http://software.internet2.edu/grouper
download.server.url = C:/temp/grouper.all-2.3.0

# default version to install
grouper.version = 2.3.0

#####
#####

UNIX (colon):
/whatever/something> java -cp .:grouperInstaller.jar edu.internet2.
middleware.grouperInstaller.GrouperInstaller

WINDOWS(semicolon):
C:\temp\installGrouper2.3>java -cp .;grouperInstaller.jar edu.internet2.
middleware.grouperInstaller.GrouperInstaller

C:\temp\installGrouper2.3>
```

## Notes

This "all" tarball is automatically built for the current version of grouper every night on webprod3 from [this script](#)

```
0 5 * * * /home/mchzyer/createGrouperTarball.sh 2.3.0 > /tmp
/createGrouperTarball.log 2>&1
```

## Output

Note: all the files are being copied from a local directory

```
C:\temp\installGrouper2.3>java -cp .;grouperInstaller.jar edu.internet2.
middleware.grouperInstaller.GrouperInstaller
```

```
Do you want to 'install' a new installation of grouper, 'upgrade' an
existing installation,
  'patch' an existing installation, or 'createPatch' for Grouper developers
  (enter: 'install', 'upgrade', 'patch', 'createPatch' or blank for the
default) [install]:
Enter in the Grouper install directory (note: better if no spaces or
special chars) [C:\temp\installGrouper2.3]:
Enter the default IP address for checking ports (just hit enter to accept
the default unless on a machine with no network, might want to change to
127.0.0.1): [0.0.0.0]:
Installing grouper version: 2.3.0
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/grouper.
apiBinary-2.3.0.tar.gz to file: C:\temp\installGrouper2.3\grouper.
apiBinary-2.3.0.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0.tar
....
Do you want to use the default and included hsqldb database (t|f)? [t]:
Editing C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0\conf\grouper.
hibernate.properties:
  - property hibernate.connection.url already was set to: jdbc:hsqldb:
hsql://localhost:9001/grouper, not changing file
  - property hibernate.connection.username already was set to: sa, not
changing file
  - property hibernate.connection.password already was set to: , not
changing file
..
Do you want this script to start the hsqldb database (note, it must not be
running in able to start) (t|f)? [t]:
HSQL was not detected to be running (did not successfully stop it)
Starting DB with command: C:\dev_inst\java7\bin\java -cp C:
\temp\installGrouper2.3\grouper.apiBinary-2.3.0\lib\jdbcSamples\hsqldb.jar
org.hsqldb.Server -database.0 file:C:\temp\installGrouper2.3\grouper.
apiBinary-2.3.0\grouper -dbname.0 grouper -port 9001
Checking database with query: SELECT 1 FROM INFORMATION_SCHEMA.SYSTEM_USERS
Successfully tested database connection
##### Checking patch grouper_v2_3_0_api_patch_0
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_0.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_0.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_0.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_0.tar
Would you like to install all patches (t|f)? [t]:
Patch grouper_v2_3_0_api_patch_0 is low risk, is not a security patch
GRP-1278: deadlock in grouper on upgrade (and maybe other times)
Creating file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\grouperPatchStatus.properties
  - added to end of property file: grouper_v2_3_0_api_patch_0.date = 2016/06
/25 16:51:49
This patch requires all processes that user Grouper to be stopped.
  Please stop these processes if they are running and press <enter> to
continue...
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
```

```
\conf\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBaseDeleg
ate$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBaseDeleg
ate$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBaseDeleg
ate.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBaseDeleg
ate.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\FieldFinder.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\FieldFinder.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$3.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$DaemonThreadFactory
.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$FieldValuable.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$GrouperMapContext.
class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$MaskingThread.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil.java
Patch successfully applied: grouper_v2_3_0_api_patch_0
- added to end of property file: grouper_v2_3_0_api_patch_0.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_1
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_1.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_1.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_1.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_1.tar
Patch grouper_v2_3_0_api_patch_1 is low risk, is not a security patch
GRP-1287: obliterateStem and point in time
- added to end of property file: grouper_v2_3_0_api_patch_1.date = 2016/06
/25 16:51:51
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\gsh\obliterateStem.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\gsh\obliterateStem.java
```

```
Patch successfully applied: grouper_v2_3_0_api_patch_1
- added to end of property file: grouper_v2_3_0_api_patch_1.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_2
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_2.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_2.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_2.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_2.tar
Patch grouper_v2_3_0_api_patch_2 is low risk, is not a security patch
GRP-1288: allow grouper config overlays to be able to easily refer to
other properties in the same config file like the UI
- added to end of property file: grouper_v2_3_0_api_patch_2.date = 2016/06
/25 16:51:53
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$ConfigFile.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$ConfigFileType$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$ConfigFileType$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$ConfigFileType.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$PropertyValueResult.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\util\GcElUtilsSafe.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\util\GcElUtilsSafe.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper.base.properties
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper.hibernate.base.properties
Patch successfully applied: grouper_v2_3_0_api_patch_2
- added to end of property file: grouper_v2_3_0_api_patch_2.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_3
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
```

```
/grouper_v2_3_0_api_patch_3.tar.gz to file: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_3.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_3.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_3.tar
Patch grouper_v2_3_0_api_patch_3 is low risk, is not a security patch
GRP-1299: Set transaction isolation level to read committed
- added to end of property file: grouper_v2_3_0_api_patch_3.date = 2016/06/25 16:51:55
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0\conf\grouper.hibernate.base.properties
Patch successfully applied: grouper_v2_3_0_api_patch_3
- added to end of property file: grouper_v2_3_0_api_patch_3.state = applied
```

```
##### Checking patch grouper_v2_3_0_api_patch_4
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches/grouper_v2_3_0_api_patch_4.tar.gz to file: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_4.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_4.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_4.tar
Patch grouper_v2_3_0_api_patch_4 is low risk, is not a security patch
GRP-1304: delete membership from UI has major performance problem
- added to end of property file: grouper_v2_3_0_api_patch_4.date = 2016/06/25 16:51:56
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO$3.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO.java
Patch successfully applied: grouper_v2_3_0_api_patch_4
- added to end of property file: grouper_v2_3_0_api_patch_4.state = applied
```

```
##### Checking patch grouper_v2_3_0_api_patch_5
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches/grouper_v2_3_0_api_patch_5.tar.gz to file: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_5.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_5.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_5.tar
Patch grouper_v2_3_0_api_patch_5 is low risk, is not a security patch
GRP-1308: grouper_ddl is slow due to selecting * from every table/view
- added to end of property file: grouper_v2_3_0_api_patch_5.date = 2016/06/25 16:51:58
```

```
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$DbMetadataBean.
class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils.java
Patch successfully applied: grouper_v2_3_0_api_patch_5
- added to end of property file: grouper_v2_3_0_api_patch_5.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_6
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_6.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_6.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_6.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_6.tar
Patch grouper_v2_3_0_api_patch_6 is low risk, is not a security patch
GRP-1309: log4j has a potential memory leak
- added to end of property file: grouper_v2_3_0_api_patch_6.date = 2016/06
/25 16:52:01
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig$CheckGroupRe
sult.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\lib\grouper\log4j.jar
Patch successfully applied: grouper_v2_3_0_api_patch_6
- added to end of property file: grouper_v2_3_0_api_patch_6.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_7
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_7.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_7.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_7.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_7.tar
Patch grouper_v2_3_0_api_patch_7 is low risk, is not a security patch
GRP-1311: commons-lang has a potential memory leak
- added to end of property file: grouper_v2_3_0_api_patch_7.date = 2016/06
/25 16:52:06
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
```

```
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\lib\grouper\commons-lang.jar
Patch successfully applied: grouper_v2_3_0_api_patch_7
- added to end of property file: grouper_v2_3_0_api_patch_7.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_8
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_8.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_8.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_8.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_8.tar
Patch grouper_v2_3_0_api_patch_8 is low risk, is not a security patch
GRP-1317: attributeDefSave web service doesnt work for soap
- added to end of property file: grouper_v2_3_0_api_patch_8.date = 2016/06
/25 16:52:08
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\ChangeToVersionCustomizable.
class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\ChangeToVersionCustomizable.
java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$3.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$DaemonThreadFactory
.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$GrouperMapContext.
class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$MaskingThread.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil.java
Patch successfully applied: grouper_v2_3_0_api_patch_8
- added to end of property file: grouper_v2_3_0_api_patch_8.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_9
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_9.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_9.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_9.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_9.tar
```



Patch grouper\_v2\_3\_0\_api\_patch\_9 is low risk, is not a security patch  
GRP-1319: Use database metadata to see if a table or view exists

- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_9.date = 2016/06  
/25 16:52:09

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$1.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$10.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$11.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$12.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$13.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$14.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$15.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$16.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$17.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$18\$1.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$18.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$19.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$2.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$20.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$21.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$22.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$23.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$24.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$25.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$26.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$27.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$28.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$29.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl\$3.class  
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0

```
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$30.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$4.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$5.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$6.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$7.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$8.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$9.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$3.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest.java
Patch successfully applied: grouper_v2_3_0_api_patch_9
- added to end of property file: grouper_v2_3_0_api_patch_9.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_10
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_10.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_10.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_10.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_10.tar
Patch grouper_v2_3_0_api_patch_10 is low risk, is not a security patch
GRP-1323: null pointer exception with inherited rule privilege and EL then
clause
- added to end of property file: grouper_v2_3_0_api_patch_10.date = 2016
/06/25 16:52:12
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\rules\RuleFinder$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\rules\RuleFinder.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
```

```
\conf\edu\internet2\middleware\grouper\rules\RuleFinder.java
Patch successfully applied: grouper_v2_3_0_api_patch_10
- added to end of property file: grouper_v2_3_0_api_patch_10.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_11
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_11.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_11.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_11.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_11.tar
Patch grouper_v2_3_0_api_patch_11 is low risk, is not a security patch
GRP-1313: potential ws/ui memory leaks with threadlocals
- added to end of property file: grouper_v2_3_0_api_patch_11.date = 2016
/06/25 16:52:13
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\j2ee\ServletContextUtils.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\j2ee\ServletContextUtils.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\j2ee\ServletRequestUtils.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\j2ee\ServletRequestUtils.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperThreadLocalState.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperThreadLocalState.java
Patch successfully applied: grouper_v2_3_0_api_patch_11
- added to end of property file: grouper_v2_3_0_api_patch_11.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_12
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_12.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_12.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_12.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_12.tar
Patch grouper_v2_3_0_api_patch_12 is low risk, is not a security patch
GRP-1327: Handle case issue between subject source and loader source
- added to end of property file: grouper_v2_3_0_api_patch_12.date = 2016
/06/25 16:52:15
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$1.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$10.
class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$11.
class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$12$1.
class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
```

```
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$12$.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$12.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$2.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$3.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$4.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$5.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$6.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$7.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$8.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$9.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType.java
Patch successfully applied: grouper_v2_3_0_api_patch_12
- added to end of property file: grouper_v2_3_0_api_patch_12.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_13
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_api_patch_13.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_api_patch_13.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_13.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_api_patch_13.tar
Patch grouper_v2_3_0_api_patch_13 is low risk, is not a security patch
GRP-1328: threadlocal clearing issue with Crypto
- added to end of property file: grouper_v2_3_0_api_patch_13.date = 2016
/06/25 16:52:17
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperThreadLocalState.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperThreadLocalState.java
Patch successfully applied: grouper_v2_3_0_api_patch_13
- added to end of property file: grouper_v2_3_0_api_patch_13.state =
applied

##### Checking patch grouper_v2_3_0_api_patch_14
Patch doesnt exist yet (not an error): C:/temp/grouper.all-2.3.0/release/2.
3.0/patches/grouper_v2_3_0_api_patch_14.tar.gz
Do you want add log4j.logger.org.apache.tools.ant = WARN to C:
\temp\installGrouper2.3\grouper.apiBinary-2.3.0\conf\log4j.properties
(recommended so you can see progress of SQL scripts) (t|f)? [t]:
```

```
- added to end of property file: log4j.logger.org.apache.tools.ant = WARN
Do you want to init the database (delete all existing grouper tables, add
new ones) (t|f)? t
#####
Initting DB with command: cmd /c C:\temp\installGrouper2.3\grouper.
apiBinary-2.3.0\bin\gsh.bat -registry -drop -runscript -noprompt
.....
stderr: Grouper ddl object type 'Grouper' has dbVersion: 0 and java
version: 30
Grouper ddl object type 'Subject' has dbVersion: 0 and java version: 1
Grouper database schema DDL requires updates
(should run script manually and carefully, in sections, verify data before
drop statements, backup/export important data before starting, follow
change log on confluence, dont run exact same script in multiple envs -
generate a new one for each env),
script file is:
C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\ddlScripts\grouperDdl_20160625_16_52_42_097.sql
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectInvite
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectInviteExpireDate
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectInviteDate
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectEmailAddress
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectInviteGroupUuids
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectInviteMemberId
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectInviteUuid
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectInviteEmailWhenRegistered
Grouper note: auto-created attributeDefName: etc:attribute:
attrExternalSubjectInvite:externalSubjectInviteEmail
Grouper note: auto-created stem: etc:attribute:messages
Grouper note: auto-created role: etc:attribute:messages:grouperMessageRole
Grouper note: auto-created attributeDef: etc:attribute:messages:
grouperMessageTopicDef
Grouper note: auto-created attributeDef: etc:attribute:messages:
grouperMessageQueueDef
Grouper note: auto-created stem: etc:attribute:messages:
grouperMessageTopics
Grouper note: auto-created stem: etc:attribute:messages:
grouperMessageQueues
Grouper note: auto-created attributeDefName: etc:attribute:rules:rule
Grouper note: auto-created attributeDefName: etc:attribute:rules:
ruleActAsSubjectId
Grouper note: auto-created attributeDefName: etc:attribute:rules:
ruleActAsSubjectIdentifier
Grouper note: auto-created attributeDefName: etc:attribute:rules:
ruleActAsSubjectSourceId
```

Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleCheckType  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleCheckOwnerId  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleCheckOwnerName  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleCheckStemScope  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleCheckArg0  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleCheckArg1  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleIfOwnerId  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleIfOwnerName  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleIfConditionEl  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleIfConditionEnum  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleIfConditionEnumArg0  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleIfConditionEnumArg1  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleIfStemScope  
Grouper note: auto-created attributeDefName: etc:attribute:rules:ruleThenEl  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleThenEnum  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleThenEnumArg0  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleThenEnumArg1  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleThenEnumArg2  
Grouper note: auto-created attributeDefName: etc:attribute:rules:ruleValid  
Grouper note: auto-created attributeDefName: etc:attribute:rules:  
ruleRunDaemon  
Grouper note: auto-created attributeDefName: etc:attribute:  
permissionLimits:limitExpression  
Grouper note: auto-created attributeDefName: etc:attribute:  
permissionLimits:limitIpOnNetworks  
Grouper note: auto-created attributeDefName: etc:attribute:  
permissionLimits:limitIpOnNetworkRealm  
Grouper note: auto-created attributeDefName: etc:attribute:  
permissionLimits:limitLabelsContain  
Grouper note: auto-created attributeDefName: etc:attribute:  
permissionLimits:limitAmountLessThan  
Grouper note: auto-created attributeDefName: etc:attribute:  
permissionLimits:limitAmountLessThanOrEqual  
Grouper note: auto-created attributeDefName: etc:attribute:  
permissionLimits:limitWeekday9to5  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:

attributeLoader  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderType  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderDbName  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderScheduleType  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderQuartzCron  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderIntervalSeconds  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderPriority  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderAttrsLike  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderAttrQuery  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderAttrSetQuery  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderActionQuery  
Grouper note: auto-created attributeDefName: etc:attribute:attrLoader:  
attributeLoaderActionSetQuery  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdap  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapType  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapServerId  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapFilter  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapQuartzCron  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapSearchDn  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapSubjectAttribute  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapSourceId  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapSubjectIdType  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapAndGroups  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapSearchScope  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapPriority  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapGroupsLike  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapGroupAttribute  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapAttributeFilterExpression

Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapExtraAttributes  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapGroupNameExpression  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapGroupDisplayNameExpression  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapGroupDescriptionExpression  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapSubjectExpression  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapGroupTypes  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapReaders  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapViewers  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapAdmins  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapUpdaters  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapOptins  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapOptouts  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapGroupAttrReaders  
Grouper note: auto-created attributeDefName: etc:attribute:loaderLdap:  
grouperLoaderLdapGroupAttrUpdaters  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserData  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataFavoriteGroups  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataFavoriteSubjects  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataRecentGroups  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataFavoriteStems  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataRecentStems  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataRecentAttributeDefs  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataRecentAttributeDefNames  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataRecentSubjects  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataFavoriteAttributeDefs  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataFavoriteAttributeDefNames  
Grouper note: auto-created attributeDefName: etc:attribute:userData:  
grouperUserDataPreferences  
Grouper note: auto-created attributeDefName: etc:attribute:entities:



```
entitySubjectIdentifier
stdout: Using GROUPER_HOME:           C:\temp\installGrouper2.3\grouper.
apiBinary-2.3.0\bin\..
Using GROUPER_CONF:                   C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\bin\..\conf
Using JAVA:                            "C:\dev_inst\java7\bin/java"
using MEMORY:                          64m-750m
Grouper starting up: version: 2.3.0, build date: 2016/04/16 05:37:21, env:
<no label configured>
grouper.properties read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\grouper.properties
Grouper current directory is: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0
log4j.properties read from:           C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\log4j.properties
Grouper is logging to file:           C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\bin\..\logs\grouper_error.log, at min level WARN for package: edu.
internet2.middleware.grouper, based on log4j.properties
grouper.hibernate.properties: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\grouper.hibernate.properties
grouper.hibernate.properties: sa@jdbc:hsqldb:hsqldb://localhost:9001/grouper
sources.xml read from:                 C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\sources.xml
sources.xml grouper source id: g:gsa
sources.xml grouper source id: grouperEntities
sources.xml jdbc source id:           jdbc: GrouperJdbcConnectionProvider
Script was executed successfully
End Initting DB
#####
Do you want to add quickstart subjects to DB (t|f)? [t]:
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/subjects.sql
to file: C:\temp\installGrouper2.3\subjects.sql
#####
Adding sample subjects with command: cmd /c C:\temp\installGrouper2.
3\grouper.apiBinary-2.3.0\bin\gsh.bat -registry -runsqlfile C:
\temp\installGrouper2.3\subjects.sql -noprompt
...
stdout: Using GROUPER_HOME:           C:\temp\installGrouper2.3\grouper.
apiBinary-2.3.0\bin\..
Using GROUPER_CONF:                   C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\bin\..\conf
Using JAVA:                            "C:\dev_inst\java7\bin/java"
using MEMORY:                          64m-750m
Script was executed successfully
Grouper starting up: version: 2.3.0, build date: 2016/04/16 05:37:21, env:
<no label configured>
grouper.properties read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\grouper.properties
Grouper current directory is: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0
log4j.properties read from:           C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\log4j.properties
Grouper is logging to file:           C:\temp\installGrouper2.3\grouper.apiBinary-
```

```
2.3.0\bin\..\logs\grouper_error.log, at min level WARN for package: edu.
internet2.middleware.grouper, based on log4j.properties
grouper.hibernate.properties: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\grouper.hibernate.properties
grouper.hibernate.properties: sa@jdbc:hsqldb:hsq://localhost:9001/grouper
sources.xml read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\sources.xml
sources.xml grouper source id: g:gsa
sources.xml grouper source id: grouperEntities
sources.xml jdbc source id: jdbc: GrouperJdbcConnectionProvider
```

End adding sample subjects

```
#####
```

Do you want to add quickstart data to registry (t|f)? [t]

```
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/quickstart.xml
to file: C:\temp\installGrouper2.3\quickstart.xml
```

```
#####
```

```
Adding quickstart data with command: cmd /c C:\temp\installGrouper2.
3\grouper.apiBinary-2.3.0\bin\gsh.bat -xmlimportold GrouperSystem C:
\temp\installGrouper2.3\quickstart.xml -noprompt
```

```
.....
```

```
stdout: Using GROUPER_HOME: C:\temp\installGrouper2.3\grouper.
apiBinary-2.3.0\bin\..
Using GROUPER_CONF: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\bin\..\conf
Using JAVA: "C:\dev_inst\java7\bin\java"
using MEMORY: 64m-750m
Grouper starting up: version: 2.3.0, build date: 2016/04/16 05:37:21, env:
<no label configured>
grouper.properties read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\grouper.properties
Grouper current directory is: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0
log4j.properties read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\log4j.properties
Grouper is logging to file: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\bin\..\logs\grouper_error.log, at min level WARN for package: edu.
internet2.middleware.grouper, based on log4j.properties
grouper.hibernate.properties: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\grouper.hibernate.properties
grouper.hibernate.properties: sa@jdbc:hsqldb:hsq://localhost:9001/grouper
sources.xml read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\sources.xml
sources.xml grouper source id: g:gsa
sources.xml grouper source id: grouperEntities
sources.xml jdbc source id: jdbc: GrouperJdbcConnectionProvider
```

End adding quickstart data

```
#####
```

Do you want to install the user interface (t|f)? [t]:

```
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/grouper.ui-
2.3.0.tar.gz to file: C:\temp\installGrouper2.3\grouper.ui-2.3.0.tar.gz
```

.

```
Unzipping: C:\temp\installGrouper2.3\grouper.ui-2.3.0.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper.ui-2.3.0.tar
Copying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\build.properties.
template to file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\build.
properties
Editing C:\temp\installGrouper2.3\grouper.ui-2.3.0\build.properties:
- set property: grouper.folder from: ../grouper to: C:/temp
/installGrouper2.3/grouper.apiBinary-2.3.0
- property should.copy.context.xml.to.metainf already was set to: false,
not changing file
Copying local file: C:/temp/grouper.all-2.3.0/downloads/tools/apache-ant-
1.8.2-bin.tar.gz to file: C:\temp\installGrouper2.3\apache-ant-1.8.2-bin.
tar.gz
Unzipping: C:\temp\installGrouper2.3\apache-ant-1.8.2-bin.tar.gz
Expanding: C:\temp\installGrouper2.3\apache-ant-1.8.2-bin.tar
.
Copying local file: C:/temp/grouper.all-2.3.0/downloads/tools/apache-
tomcat-6.0.35.tar.gz to file: C:\temp\installGrouper2.3\apache-tomcat-
6.0.35.tar.gz
Unzipping: C:\temp\installGrouper2.3\apache-tomcat-6.0.35.tar.gz
Expanding: C:\temp\installGrouper2.3\apache-tomcat-6.0.35.tar
.
Do you want to set the tomcat memory limit (t|f)? [t]:
Editing file: C:\temp\installGrouper2.3\apache-tomcat-6.0.35\bin\catalina.
bat
Adding max memory to file at line number: 65
- old permgen memory value is same as new value: 256M
Editing file: C:\temp\installGrouper2.3\apache-tomcat-6.0.35\bin\catalina.
sh
Adding max memory to file at line number: 65
- old permgen memory value is same as new value: 256M
What ports do you want tomcat to run on (HTTP, JK, shutdown): [8080, 8009,
8005]: 8600,8601,8602
Editing tomcat config file: C:\temp\installGrouper2.3\apache-tomcat-6.0.35
\conf\server.xml
- changing tomcat HTTP port from: '8080' to: '8600'
- changing tomcat JK port from: '8009' to: '8601'
- changing tomcat shutdown port from: '8005' to: '8602'
Do you want to set URIEncoding to UTF-8 in tomcat server.xml <Connector>
elements (t|f)? [t]:
- adding tomcat URIEncoding attribute for element <Connector AJP with
value: 'UTF-8'
- adding tomcat URIEncoding attribute for element <Connector HTTP with
value: 'UTF-8'
Tomcat is supposed to be listening on port: 8600, port not listening,
assuming tomcat is not running...
Should we stop tomcat anyway? (t|f)? [f]
#####
Building UI with command:
C:\temp\installGrouper2.3\grouper.ui-2.3.0> cmd /c C:\temp\installGrouper2.
3\apache-ant-1.8.2\bin\ant.bat dist
.....
stdout: Buildfile: C:\temp\installGrouper2.3\grouper.ui-2.3.0\build.xml
```

```
[copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
[copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\conf
[copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\conf\grouperText
dist:
-setup:
-choose-webapp:
[propertyfile] Creating new property file: C:\temp\installGrouper2.
3\grouper.ui-2.3.0\lastbuild.properties
[echo] In setup - do.clean = true cleanable=${webapp.folder.
cleanable}
-doStop:
-doCleanWebappClassFolder:
[echo] Removing C:\temp\installGrouper2.3\grouper.ui-2.3.0/dist
/grouper/WEB-INF/classes
-doClean:
[echo] Removing C:\temp\installGrouper2.3\grouper.ui-2.3.0/dist
/grouper
[mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp
-resources:
[echo] In resources - Build folder = C:\temp\installGrouper2.
3\grouper.ui-2.3.0/dist/grouper
-dist-grouper:
[echo] Creating C:\temp\installGrouper2.3\grouper.ui-2.3.0/dist
/grouper
[mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper
[mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\classes
[mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\lib
[echo] Copying Grouper configuration files to C:\temp\installGrouper2.
3\grouper.ui-2.3.0/dist/grouper/WEB-INF/classes
[copy] Copying 124 files to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\classes
-local-log4j:
-fix-grouper-home:
[echo] Attempting to replace grouper.home with C:/temp
/installGrouper2.3/grouper.apiBinary-2.3.0/
[echo] Copying ui resources to C:\temp\installGrouper2.3\grouper.ui-
2.3.0/dist/grouper/WEB-INF/classes/resources
[mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\classes\resources
[copy] Copying 7 files to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\classes\resources
[copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\classes
[copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\classes
[copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\classes
[copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
```

```
\dist\grouper\WEB-INF\classes
  [copy] Copying 3 files to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\classes
-additional-build:
-optional-conf:
-webapp:
  [delete] Deleting directory C:\temp\installGrouper2.3\grouper.ui-2.3.0
\temp
  [mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp
-compileGrouper:
  [mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ui-2.3.0
\temp\jarBin
  [javac] C:\temp\installGrouper2.3\grouper.ui-2.3.0\build.xml:452:
warning: 'includeantruntime' was not set, defaulting to build.
sysclasspath=last; set to false for repeatable builds
  [javac] Compiling 324 source files to C:\temp\installGrouper2.
3\grouper.ui-2.3.0\temp\jarBin
  [javac] warning: [options] bootstrap class path not set in conjunction
with -source 1.5
  [javac] Note: Some input files use or override a deprecated API.
  [javac] Note: Recompile with -Xlint:deprecation for details.
  [javac] Note: Some input files use unchecked or unsafe operations.
  [javac] Note: Recompile with -Xlint:unchecked for details.
  [javac] 1 warning
  [jar] Building jar: C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\lib\grouper-ui.jar
-additional-build:
  [copy] Copying 73 files to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\lib
  [copy] Copying 5 files to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\dist\grouper\WEB-INF\lib
-copyContent:
  [echo] Copying core UI files to C:\temp\installGrouper2.3\grouper.ui-
2.3.0/dist/grouper
  [copy] Copying 1244 files to C:\temp\installGrouper2.3\grouper.ui-
2.3.0/dist/grouper
  [echo] Processing web.xml
  [copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\temp
  [echo] web.xmls.isempty=${web.xmls.isempty}:
-merge-xmles:
  [echo] temp.dir : C:\temp\installGrouper2.3\grouper.ui-2.3.0/temp
  [echo] final.web.xmls : ${final.web.xmls}
  [echo] ui.folder : C:\temp\installGrouper2.3\grouper.ui-2.3.0
  [echo] webapp.folder : C:\temp\installGrouper2.3\grouper.ui-2.3.0/dist
/grouper
  [copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\temp
  [copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ui-2.3.0
\temp
  [echo] Transforming: C:\temp\installGrouper2.3\grouper.ui-2.3.0
\temp\50.web.core.xml
  [echo] C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp\60.web.ajax.xml
```

```
[echo] C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp\99.web.core-
filters.xml
[echo]
[echo]
[echo] Base = C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp\50.web.
core.xml
[echo] + C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp\60.web.ajax.
xml
[echo] -> C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp\web.1.xml
[echo]
[echo] Base = C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp\web.1.
xml
[echo] + C:\temp\installGrouper2.3\grouper.ui-2.3.0\temp\99.web.core-
filters.xml
[echo] -> C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper
/WEB-INF/web.xml
[echo] Result: 0
-copy-core-web-xml:
-copyContextXmlToMetaInf:
-copyContextXmlToTomcat:
-html:
-war:
-web:
[echo] *****
[echo] ** The Grouper UI will fail to start if the user **
[echo] ** which your application server runs as does not **
[echo] ** have permission to write to the log files that **
[echo] ** are configured in log4j.properties. See **
[echo] ** build.properties for more information **
[echo] *****
BUILD SUCCESSFUL
Total time: 26 seconds
Do you want to set the log dir of UI (t|f)? [t]:
Enter the UI log dir: [C:\temp\installGrouper2.3\apache-tomcat-6.0.35
\logs\grouperUi]:
Editing file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\log4j.properties
- changing UI log directory from: 'C:/temp/installGrouper2.3/grouper.
apiBinary-2.3.0/logs' to: 'C:/temp/installGrouper2.3/apache-tomcat-6.0.35
/logs/grouperUi'
- changing UI log directory from: 'C:/temp/installGrouper2.3/grouper.
apiBinary-2.3.0/logs' to: 'C:/temp/installGrouper2.3/apache-tomcat-6.0.35
/logs/grouperUi'
- changing UI log directory from: 'C:/temp/installGrouper2.3/grouper.
apiBinary-2.3.0/logs' to: 'C:/temp/installGrouper2.3/apache-tomcat-6.0.35
/logs/grouperUi'
- changing UI log directory from: 'C:/temp/installGrouper2.3/grouper.
apiBinary-2.3.0/logs' to: 'C:/temp/installGrouper2.3/apache-tomcat-6.0.35
/logs/grouperUi'
Creating log directory: C:\temp\installGrouper2.3\apache-tomcat-6.0.35
\logs\grouperUi
Created and deleted a test file successfully in dir: C:
\temp\installGrouper2.3\apache-tomcat-6.0.35\logs\grouperUi
```

```
End building UI
#####
Enter the URL path for the UI [grouper]:
Editing tomcat config file: C:\temp\installGrouper2.3\apache-tomcat-6.0.35
\conf\server.xml
- adding tomcat context for UI line: '<Context docBase="C:
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper" path="/grouper"
reloadable="false"/>'
Copying applied API patch status to UI:
- from: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\grouperPatchStatus.properties
- to: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\grouperPatchStatus.properties
Marking patch: grouper_v2_3_0_api_patch_5 as applied in C:
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_5.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_5.date = 2016/06
/25 16:51:58
Marking patch: grouper_v2_3_0_api_patch_4 as applied in C:
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_4.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_4.date = 2016/06
/25 16:51:56
Marking patch: grouper_v2_3_0_api_patch_11 as applied in C:
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_11.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_11.date = 2016
/06/25 16:52:13
Marking patch: grouper_v2_3_0_api_patch_10 as applied in C:
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_10.date = 2016
/06/25 16:52:12
- added to end of property file: grouper_v2_3_0_api_patch_10.state =
applied
Marking patch: grouper_v2_3_0_api_patch_8 as applied in C:
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_8.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_8.date = 2016/06
/25 16:52:08
Marking patch: grouper_v2_3_0_api_patch_0 as applied in C:
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_0.state =
applied
```

- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_0.date = 2016/06/25 16:51:49  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_7 as applied in C:  
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-INF\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_7.state = applied  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_7.date = 2016/06/25 16:52:06  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_6 as applied in C:  
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-INF\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_6.state = applied  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_6.date = 2016/06/25 16:52:01  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_13 as applied in C:  
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-INF\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_13.date = 2016/06/25 16:52:17  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_13.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_12 as applied in C:  
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-INF\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_12.date = 2016/06/25 16:52:15  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_12.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_3 as applied in C:  
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-INF\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_3.date = 2016/06/25 16:51:55  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_3.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_2 as applied in C:  
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-INF\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_2.date = 2016/06/25 16:51:53  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_2.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_9 as applied in C:  
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-INF\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_9.date = 2016/06/25 16:52:09  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_9.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_1 as applied in C:  
\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-



```
INF\grouperPatchStatus.properties
- property grouper_v2_3_0_api_patch_10.date already was set to: 2016/06
/25 16:52:12, not changing file
- property grouper_v2_3_0_api_patch_11.state already was set to: applied,
not changing file
- property grouper_v2_3_0_api_patch_11.date already was set to: 2016/06
/25 16:52:13, not changing file
- property grouper_v2_3_0_api_patch_10.state already was set to: applied,
not changing file
- property grouper_v2_3_0_api_patch_12.date already was set to: 2016/06
/25 16:52:15, not changing file
- property grouper_v2_3_0_api_patch_13.date already was set to: 2016/06
/25 16:52:17, not changing file
- property grouper_v2_3_0_api_patch_13.state already was set to: applied,
not changing file
- property grouper_v2_3_0_api_patch_12.state already was set to: applied,
not changing file
- added to end of property file: grouper_v2_3_0_api_patch_1.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_1.date = 2016/06
/25 16:51:51
##### Checking patch grouper_v2_3_0_api_patch_0
Patch: grouper_v2_3_0_api_patch_0: was applied on: 2016/06/25 16:51:49

##### Checking patch grouper_v2_3_0_api_patch_1
Patch: grouper_v2_3_0_api_patch_1: was applied on: 2016/06/25 16:51:51

##### Checking patch grouper_v2_3_0_api_patch_2
Patch: grouper_v2_3_0_api_patch_2: was applied on: 2016/06/25 16:51:53

##### Checking patch grouper_v2_3_0_api_patch_3
Patch: grouper_v2_3_0_api_patch_3: was applied on: 2016/06/25 16:51:55

##### Checking patch grouper_v2_3_0_api_patch_4
Patch: grouper_v2_3_0_api_patch_4: was applied on: 2016/06/25 16:51:56

##### Checking patch grouper_v2_3_0_api_patch_5
Patch: grouper_v2_3_0_api_patch_5: was applied on: 2016/06/25 16:51:58

##### Checking patch grouper_v2_3_0_api_patch_6
Patch: grouper_v2_3_0_api_patch_6: was applied on: 2016/06/25 16:52:01

##### Checking patch grouper_v2_3_0_api_patch_7
Patch: grouper_v2_3_0_api_patch_7: was applied on: 2016/06/25 16:52:06

##### Checking patch grouper_v2_3_0_api_patch_8
Patch: grouper_v2_3_0_api_patch_8: was applied on: 2016/06/25 16:52:08

##### Checking patch grouper_v2_3_0_api_patch_9
Patch: grouper_v2_3_0_api_patch_9: was applied on: 2016/06/25 16:52:09

##### Checking patch grouper_v2_3_0_api_patch_10
Patch: grouper_v2_3_0_api_patch_10: was applied on: 2016/06/25 16:52:12
```

```
##### Checking patch grouper_v2_3_0_api_patch_11
Patch: grouper_v2_3_0_api_patch_11: was applied on: 2016/06/25 16:52:13

##### Checking patch grouper_v2_3_0_api_patch_12
Patch: grouper_v2_3_0_api_patch_12: was applied on: 2016/06/25 16:52:15

##### Checking patch grouper_v2_3_0_api_patch_13
Patch: grouper_v2_3_0_api_patch_13: was applied on: 2016/06/25 16:52:17

##### Checking patch grouper_v2_3_0_api_patch_14
Patch doesnt exist yet (not an error): C:/temp/grouper.all-2.3.0/release/2.
3.0/patches/grouper_v2_3_0_api_patch_14.tar.gz
There are no new API patches to install

##### Checking patch grouper_v2_3_0_ui_patch_0
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_ui_patch_0.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_ui_patch_0.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_ui_patch_0.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_ui_patch_0.tar
Patch grouper_v2_3_0_ui_patch_0 is low risk, is not a security patch
GRP-1286: Fix UI wording for v2.3.0 folder privilege changes
- added to end of property file: grouper_v2_3_0_ui_patch_0.date = 2016/06
/25 17:01:01
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\jsp\generalHelp.jsp
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\jsp\gettingStarted.jsp
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\grouperText\grouper.text.en.us.base.properties
Patch successfully applied: grouper_v2_3_0_ui_patch_0
- added to end of property file: grouper_v2_3_0_ui_patch_0.state = applied

##### Checking patch grouper_v2_3_0_ui_patch_1
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_ui_patch_1.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_ui_patch_1.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_ui_patch_1.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_ui_patch_1.tar
Patch grouper_v2_3_0_ui_patch_1 is low risk, is not a security patch
GRP-1291: grouper ui text config should use superclass to implement local
references to properties
- added to end of property file: grouper_v2_3_0_ui_patch_1.date = 2016/06
/25 17:01:03
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\GrouperUiTextConf
ig$1.class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\GrouperUiTextConf
ig.class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\GrouperUiTextConf
```

```
ig.java
Patch successfully applied: grouper_v2_3_0_ui_patch_1
  - added to end of property file: grouper_v2_3_0_ui_patch_1.state = applied

##### Checking patch grouper_v2_3_0_ui_patch_2
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_ui_patch_2.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_ui_patch_2.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_ui_patch_2.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_ui_patch_2.tar
Patch grouper_v2_3_0_ui_patch_2 is low risk, is not a security patch
GRP-1313: potential ws/ui memory leaks with threadlocals
  - added to end of property file: grouper_v2_3_0_ui_patch_2.date = 2016/06
/25 17:01:04
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperSessionAttributeList
ener.class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperSessionAttributeList
ener.java
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperUiFilter$1.class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperUiFilter$2.class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperUiFilter$UiSection$1
.class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperUiFilter$UiSection$2
.class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperUiFilter$UiSection.
class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperUiFilter.class
Applying file: C:\temp\installGrouper2.3\grouper.ui-2.3.0\dist\grouper\WEB-
INF\classes\edu\internet2\middleware\grouper\ui\GrouperUiFilter.java
Patch successfully applied: grouper_v2_3_0_ui_patch_2
  - added to end of property file: grouper_v2_3_0_ui_patch_2.state = applied

##### Checking patch grouper_v2_3_0_ui_patch_3
Patch doesnt exist yet (not an error): C:/temp/grouper.all-2.3.0/release/2.
3.0/patches/grouper_v2_3_0_ui_patch_3.tar.gz
Enter the GrouperSystem password: pass
Do you want to set the GrouperSystem password in C:\temp\installGrouper2.
3\apache-tomcat-6.0.35\conf\tomcat-users.xml? [t]:
Editing file: C:\temp\installGrouper2.3\apache-tomcat-6.0.35\conf\tomcat-
users.xml
  - adding Tomcat user GrouperSystem line: '<user username="GrouperSystem"
password="pass" roles="grouper_user"/>'
  - adding Tomcat role grouper_user line: '<role rolename="grouper_user"/>'
Tomcat is supposed to be listening on port: 8600, port not listening,
assuming tomcat is not running...
```

```
Should we stop tomcat anyway? (t|f)? [f]
#####
Tomcat start with command (note you need CATALINA_HOME and JAVA_HOME set):
  C:\temp\installGrouper2.3\apache-tomcat-6.0.35\bin\startup.bat

End tomcat start (note: logs are in C:\temp\installGrouper2.3\apache-
tomcat-6.0.35\logs)
#####
Should we check ports to see if tomcat was able to start (t|f)? [t]:
Waiting for tomcat to start.....
Tomcat listening on port: 8600
#####
Go here for the Grouper UI (change hostname if on different host):
http://localhost:8600/grouper/
#####
Do you want to install web services (t|f)? [t]:
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/grouper.ws-
2.3.0.tar.gz to file: C:\temp\installGrouper2.3\grouper.ws-2.3.0.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper.ws-2.3.0.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper.ws-2.3.0.tar
.
Editing C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build.
properties:
- set property: grouper.dir from: ../../grouper to: C:/temp
/installGrouper2.3/grouper.apiBinary-2.3.0
The Grouper WS has been built in the past, do you want it rebuilt? (t|f)
[t]:
#####
Tomcat stop with command (note you need CATALINA_HOME and JAVA_HOME set):
  C:\temp\installGrouper2.3\apache-tomcat-6.0.35\bin\shutdown.bat
Jun 25, 2016 5:01:32 PM edu.internet2.middleware.grouperInstaller.util.
GrouperInstallerUtils execCommandHelper
SEVERE: Process exit status=1: out: , err: Jun 25, 2016 5:01:32 PM org.
apache.catalina.startup.Catalina stopServer
SEVERE: Catalina.stop:
java.net.ConnectException: Connection refused: connect
    at java.net.DualStackPlainSocketImpl.connect0(Native Method)
    at java.net.DualStackPlainSocketImpl.socketConnect
(DualStackPlainSocketImpl.java:79)
    at java.net.AbstractPlainSocketImpl.doConnect
(AbstractPlainSocketImpl.java:339)
    at java.net.AbstractPlainSocketImpl.connectToAddress
(AbstractPlainSocketImpl.java:200)
    at java.net.AbstractPlainSocketImpl.connect
(AbstractPlainSocketImpl.java:182)
    at java.net.PlainSocketImpl.connect(PlainSocketImpl.java:172)
    at java.net.SocksSocketImpl.connect(SocksSocketImpl.java:392)
    at java.net.Socket.connect(Socket.java:579)
    at java.net.Socket.connect(Socket.java:528)
    at java.net.Socket.<init>(Socket.java:425)
    at java.net.Socket.<init>(Socket.java:208)
    at org.apache.catalina.startup.Catalina.stopServer(Catalina.java:
422)
```

```
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke
(NativeMethodAccessorImpl.java:57)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:606)
    at org.apache.catalina.startup.Bootstrap.stopServer(Bootstrap.java:
338)
    at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:416)
, on command: C:\dev_inst\java7\bin\java -XX:MaxPermSize=150m -Xmx640m -
Dcatalina.home=C:\temp\installGrouper2.3\apache-tomcat-6.0.35 -jar C:
\temp\installGrouper2.3\apache-tomcat-6.0.35\bin\bootstrap.jar stop ,
workingDir: C:\temp\installGrouper2.3\apache-tomcat-6.0.35\bin
java.lang.RuntimeException: Process exit status=1: out: , err: Jun 25,
2016 5:01:32 PM org.apache.catalina.startup.Catalina stopServer
SEVERE: Catalina.stop:
java.net.ConnectException: Connection refused: connect
    at java.net.DualStackPlainSocketImpl.connect0(Native Method)
    at java.net.DualStackPlainSocketImpl.socketConnect
(DualStackPlainSocketImpl.java:79)
    at java.net.AbstractPlainSocketImpl.doConnect
(AbstractPlainSocketImpl.java:339)
    at java.net.AbstractPlainSocketImpl.connectToAddress
(AbstractPlainSocketImpl.java:200)
    at java.net.AbstractPlainSocketImpl.connect
(AbstractPlainSocketImpl.java:182)
    at java.net.PlainSocketImpl.connect(PlainSocketImpl.java:172)
    at java.net.SocksSocketImpl.connect(SocksSocketImpl.java:392)
    at java.net.Socket.connect(Socket.java:579)
    at java.net.Socket.connect(Socket.java:528)
    at java.net.Socket.<init>(Socket.java:425)
    at java.net.Socket.<init>(Socket.java:208)
    at org.apache.catalina.startup.Catalina.stopServer(Catalina.java:
422)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke
(NativeMethodAccessorImpl.java:57)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:606)
    at org.apache.catalina.startup.Bootstrap.stopServer(Bootstrap.java:
338)
    at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:416)
,
java.lang.RuntimeException: caller stack
    at edu.internet2.middleware.grouperInstaller.util.
GrouperInstallerUtils.threadRunWithStatusDots(GrouperInstallerUtils.java:
8334)
    at edu.internet2.middleware.grouperInstaller.util.
GrouperInstallerUtils.execCommand(GrouperInstallerUtils.java:10067)
    at edu.internet2.middleware.grouperInstaller.util.
GrouperInstallerUtils.execCommand(GrouperInstallerUtils.java:10030)
    at edu.internet2.middleware.grouperInstaller.util.
```

```
GrouperInstallerUtils.execCommand(GrouperInstallerUtils.java:10006)
    at edu.internet2.middleware.grouperInstaller.GrouperInstaller.
tomcatBounce(GrouperInstaller.java:848)
    at edu.internet2.middleware.grouperInstaller.GrouperInstaller.
buildWs(GrouperInstaller.java:8430)
    at edu.internet2.middleware.grouperInstaller.GrouperInstaller.
mainInstallLogic(GrouperInstaller.java:6615)
    at edu.internet2.middleware.grouperInstaller.GrouperInstaller.
access$300(GrouperInstaller.java:80)
    at edu.internet2.middleware.grouperInstaller.
GrouperInstaller$GrouperInstallerMainFunction$1.logic(GrouperInstaller.
java:1081)
    at edu.internet2.middleware.grouperInstaller.GrouperInstaller.
mainLogic(GrouperInstaller.java:1143)
    at edu.internet2.middleware.grouperInstaller.GrouperInstaller.main
(GrouperInstaller.java:414)
    at edu.internet2.middleware.grouperInstaller.util.
GrouperInstallerUtils.execCommandHelper(GrouperInstallerUtils.java:10164)
    at edu.internet2.middleware.grouperInstaller.util.
GrouperInstallerUtils.access$100(GrouperInstallerUtils.java:128)
    at edu.internet2.middleware.grouperInstaller.util.
GrouperInstallerUtils$2.run(GrouperInstallerUtils.java:10062)
    at edu.internet2.middleware.grouperInstaller.util.
GrouperInstallerUtils$1.run(GrouperInstallerUtils.java:8281)
    at java.lang.Thread.run(Thread.java:744)
Do you want to continue (t|f)? [f] y
End tomcat stop (note: logs are in C:\temp\installGrouper2.3\apache-tomcat-
6.0.35\logs)
#####
Should we check ports to see if tomcat was able to stop (t|f)? [t]:
Waiting for tomcat to
stop.....
Tomcat not listening on port: 8600
#####
Building WS with command:
C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws> cmd /c C:
\temp\installGrouper2.3\apache-ant-1.8.2\bin\ant.bat dist
.....
stdout: Buildfile: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build.xml
checkGrouper:
dist:
distHelper:
compile:
    [javac] C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build.
xml:418: warning: 'includeantruntime' was not set, defaulting to build.
sysclasspath=last; set to false for repeatable builds
    [javac] Compiling 236 source files to C:\temp\installGrouper2.
3\grouper.ws-2.3.0\grouper-ws\build\grouper-ws
    [javac] warning: [options] bootstrap class path not set in conjunction
with -source 1.6
    [javac] Note: Some input files use or override a deprecated API.
    [javac] Note: Recompile with -Xlint:deprecation for details.
```

```
[javac] Note: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\src\grouper-
ws\edu\internet2\middleware\grouper\ws\query\WsQueryFilterType.java uses
unchecked or unsafe operations.
[javac] Note: Recompile with -Xlint:unchecked for details.
[javac] 1 warning
[javac] C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build.
xml:423: warning: 'includeantruntime' was not set, defaulting to build.
sysclasspath=last; set to false for repeatable builds
[javac] Compiling 79 source files to C:\temp\installGrouper2.3\grouper.
ws-2.3.0\grouper-ws\build\grouper-ws
[javac] warning: [options] bootstrap class path not set in conjunction
with -source 1.6
[javac] 1 warning
[javac] C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build.
xml:427: warning: 'includeantruntime' was not set, defaulting to build.
sysclasspath=last; set to false for repeatable builds
[javac] Compiling 81 source files to C:\temp\installGrouper2.3\grouper.
ws-2.3.0\grouper-ws\build\grouper-ws
[javac] warning: [options] bootstrap class path not set in conjunction
with -source 1.6
[javac] 1 warning
[javac] C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build.
xml:431: warning: 'includeantruntime' was not set, defaulting to build.
sysclasspath=last; set to false for repeatable builds
[javac] Compiling 93 source files to C:\temp\installGrouper2.3\grouper.
ws-2.3.0\grouper-ws\build\grouper-ws
[javac] warning: [options] bootstrap class path not set in conjunction
with -source 1.6
[javac] 1 warning
[javac] C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build.
xml:435: warning: 'includeantruntime' was not set, defaulting to build.
sysclasspath=last; set to false for repeatable builds
[javac] Compiling 93 source files to C:\temp\installGrouper2.3\grouper.
ws-2.3.0\grouper-ws\build\grouper-ws
[javac] warning: [options] bootstrap class path not set in conjunction
with -source 1.6
[javac] 1 warning
[javac] C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build.
xml:439: warning: 'includeantruntime' was not set, defaulting to build.
sysclasspath=last; set to false for repeatable builds
[javac] Compiling 108 source files to C:\temp\installGrouper2.
3\grouper.ws-2.3.0\grouper-ws\build\grouper-ws
[javac] warning: [options] bootstrap class path not set in conjunction
with -source 1.6
[javac] 1 warning
[jar] Building jar: C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws.jar
[mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes
[mkdir] Created dir: C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\lib
[copy] Copying 4 files to C:\temp\installGrouper2.3\grouper.ws-2.3.0
```

```
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes
  [copy] Copying 130 files to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\README.txt to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-INF\classes\README.txt
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$1.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\ConfigPropertiesC
ascadeBase$1.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$ConfigFile.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\ConfigPropertiesC
ascadeBase$ConfigFile.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$ConfigFileType$1.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\ConfigPropertiesC
ascadeBase$ConfigFileType$1.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$ConfigFileType$2.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\ConfigPropertiesC
ascadeBase$ConfigFileType$2.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$ConfigFileType.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\ConfigPropertiesC
ascadeBase$ConfigFileType.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base$PropertyValueResult.class to C:\temp\installGrouper2.3\grouper.ws-
2.3.0\grouper-ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\ConfigPropertiesC
ascadeBase$PropertyValueResult.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\ConfigPropertiesC
ascadeBase.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\config\ConfigPropertiesCascade
Base.java to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\config\ConfigPropertiesC
```



```
ascadeBase.java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\util\GcElUtilsSafe.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\util\GcElUtilsSafe.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouperClient\util\GcElUtilsSafe.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouperClient\util\GcElUtilsSafe.java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\FieldFinder.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\FieldFinder.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\FieldFinder.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\FieldFinder.java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\gsh\obliterateStem.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\app\gsh\obliterateStem.
class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\gsh\obliterateStem.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\app\gsh\obliterateStem.
java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$1.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$1
.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$10.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$1
0.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$11.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$1
1.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$12$1.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$1
2$1.class
```

```
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$12$2.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$1
2$2.class

[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$12.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$1
2.class

[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$2.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$2
.class

[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$3.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$3
.class

[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$4.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$4
.class

[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$5.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$5
.class

[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$6.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$6
.class

[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$7.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$7
.class

[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$8.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$8
```

```
.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$9.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType$9
.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType.class
to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType.
class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType.java
to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\app\loader\GrouperLoaderType.
java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBaseDeleg
ate$1.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBas
eDelegate$1.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBaseDeleg
ate$2.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBas
eDelegate$2.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBaseDeleg
ate.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBas
eDelegate.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBaseDeleg
ate.java to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\attr\assign\AttributeAssignBas
eDelegate.java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$1.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdl$1.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$10.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdl$10.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$11.class to C:
```





```
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdl$7.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$8.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdl$8.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl$9.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdl$9.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdl.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdl.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdl.java
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$1.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$1.
class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$2.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$2.
class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$3.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$3.
class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$DbMetadataBean.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils$DbMetadata
Bean.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils.
class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtils.
java
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest$1.class to
C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest$1.
```

```
class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest$2.class to
C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest$2.
class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ddl\GrouperDdlUtilsTest.java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO$
1.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3Membersh
ipDAO$1.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO$
2.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3Membersh
ipDAO$2.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO$
3.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3Membersh
ipDAO$3.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3Membersh
ipDAO.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3MembershipDAO.
java to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\internal\dao\hib3\Hib3Membersh
ipDAO.java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\j2ee\ServletContextUtils.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\j2ee\ServletContextUtils.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
```

```
\conf\edu\internet2\middleware\grouper\j2ee\ServletContextUtils.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\j2ee\ServletContextUtils.java
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\j2ee\ServletRequestUtils.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\j2ee\ServletRequestUtils.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\j2ee\ServletRequestUtils.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\j2ee\ServletRequestUtils.java
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig$1.class to
C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\misc\GrouperCheckConfig$1.
class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig$CheckGroupRe
sult.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\misc\GrouperCheckConfig$CheckG
roupResult.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\misc\GrouperCheckConfig.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\misc\GrouperCheckConfig.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-
INF\classes\edu\internet2\middleware\grouper\misc\GrouperCheckConfig.java
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\rules\RuleFinder$1.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\rules\RuleFinder$1.
class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\rules\RuleFinder.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\rules\RuleFinder.class
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\rules\RuleFinder.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\rules\RuleFinder.java
  [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\ChangeToVersionCustomizable.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
```



```
INF\classes\edu\internet2\middleware\grouper\util\ChangeToVersionCustomizable.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\ChangeToVersionCustomizable.
java to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\util\ChangeToVersionCustomizable.java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperThreadLocalState.class
to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\util\GrouperThreadLocalState.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperThreadLocalState.java
to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\util\GrouperThreadLocalState.java
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$1.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil$1.
class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$2.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil$2.
class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$3.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil$3.
class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$DaemonThreadFactory
.class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil$DaemonThreadF
actory.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$FieldValuable.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil$FieldValuable
.class
    [copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$GrouperMapContext.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil$GrouperMapCon
text.class
```

```
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil$MaskingThread.
class to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil$MaskingThread
.class
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil.class to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil.class
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\util\GrouperUtil.java to C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\classes\edu\internet2\middleware\grouper\util\GrouperUtil.java
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\ehcache.example.xml to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\ehcache.example.xml
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\ehcache.xml to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-INF\classes\ehcache.xml
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper-loader.base.properties to C:\temp\installGrouper2.3\grouper.
ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\grouper-loader.
base.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper-loader.properties to C:\temp\installGrouper2.3\grouper.ws-
2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\grouper-loader.
properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper.base.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\grouper.base.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper.client.base.properties to C:\temp\installGrouper2.3\grouper.
ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\grouper.client.
base.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper.client.properties to C:\temp\installGrouper2.3\grouper.ws-
2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\grouper.client.
properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper.hibernate.base.properties to C:\temp\installGrouper2.
3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-
INF\classes\grouper.hibernate.base.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper.hibernate.properties to C:\temp\installGrouper2.3\grouper.ws-
2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\grouper.hibernate.
properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouper.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\grouper.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\grouperUtf8.txt to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\grouperUtf8.txt
```

```
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\log4j.example.properties to C:\temp\installGrouper2.3\grouper.ws-
2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\log4j.example.
properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\log4j.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\log4j.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\morphString.example.properties to C:\temp\installGrouper2.3\grouper.
ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\morphString.
example.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\morphString.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\morphString.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\server.example.properties to C:\temp\installGrouper2.3\grouper.ws-
2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\server.example.
properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\server.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\server.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\sources.example.xml to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\sources.example.xml
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\sources.xml to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-INF\classes\sources.xml
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\spy.example.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\spy.example.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\spy.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-INF\classes\spy.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\subject.base.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\subject.base.properties
[copy] Copying C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\subject.properties to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\subject.properties
[copy] Copying 96 files to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\lib
[copy] Copying 5 files to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\lib
[copy] Copying 23 files to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws
[copy] Copying 1 file to C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws\WEB-INF\bin
[jar] Building jar: C:\temp\installGrouper2.3\grouper.ws-2.3.0
\grouper-ws\build\dist\grouper-ws.war
BUILD SUCCESSFUL
Total time: 29 seconds
Do you want to set the log dir of WS (t|f)? [t]:
Enter the WS log dir: [C:\temp\installGrouper2.3\apache-tomcat-6.0.35
```

```
\logs\grouperWs]:
Editing file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-INF\classes\log4j.properties
- changing WS log directory from: '${grouper.home}logs' to: 'C:/temp
/installGrouper2.3/apache-tomcat-6.0.35/logs/grouperWs'
- changing WS log directory from: '${grouper.home}logs' to: 'C:/temp
/installGrouper2.3/apache-tomcat-6.0.35/logs/grouperWs'
- changing WS log directory from: '${grouper.home}logs' to: 'C:/temp
/installGrouper2.3/apache-tomcat-6.0.35/logs/grouperWs'
- changing WS log directory from: '${grouper.home}logs' to: 'C:/temp
/installGrouper2.3/apache-tomcat-6.0.35/logs/grouperWs'
Creating log directory: C:\temp\installGrouper2.3\apache-tomcat-6.0.35
\logs\grouperWs
Created and deleted a test file successfully in dir: C:
\temp\installGrouper2.3\apache-tomcat-6.0.35\logs\grouperWs
End building ws
#####
Enter the URL path for the WS [grouper-ws]:
Editing tomcat config file: C:\temp\installGrouper2.3\apache-tomcat-6.0.35
\conf\server.xml
- adding tomcat context for WS line: '<Context docBase="C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws"
path="/grouper-ws" reloadable="false"/>'
Copying applied API patch status to WS:
- from: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\grouperPatchStatus.properties
- to: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-INF\grouperPatchStatus.properties
Marking patch: grouper_v2_3_0_api_patch_5 as applied in C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_5.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_5.date = 2016/06
/25 16:51:58
Marking patch: grouper_v2_3_0_api_patch_4 as applied in C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_4.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_4.date = 2016/06
/25 16:51:56
Marking patch: grouper_v2_3_0_api_patch_11 as applied in C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_11.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_11.date = 2016
/06/25 16:52:13
Marking patch: grouper_v2_3_0_api_patch_10 as applied in C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_10.date = 2016
```

/06/25 16:52:12  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_10.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_8 as applied in C:  
\\temp\\installGrouper2.3\\grouper.ws-2.3.0\\grouper-ws\\build\\dist\\grouper-ws\\WEB-INF\\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_8.state = applied  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_8.date = 2016/06/25 16:52:08  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_0 as applied in C:  
\\temp\\installGrouper2.3\\grouper.ws-2.3.0\\grouper-ws\\build\\dist\\grouper-ws\\WEB-INF\\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_0.state = applied  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_0.date = 2016/06/25 16:51:49  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_7 as applied in C:  
\\temp\\installGrouper2.3\\grouper.ws-2.3.0\\grouper-ws\\build\\dist\\grouper-ws\\WEB-INF\\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_7.state = applied  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_7.date = 2016/06/25 16:52:06  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_6 as applied in C:  
\\temp\\installGrouper2.3\\grouper.ws-2.3.0\\grouper-ws\\build\\dist\\grouper-ws\\WEB-INF\\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_6.state = applied  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_6.date = 2016/06/25 16:52:01  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_13 as applied in C:  
\\temp\\installGrouper2.3\\grouper.ws-2.3.0\\grouper-ws\\build\\dist\\grouper-ws\\WEB-INF\\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_13.date = 2016/06/25 16:52:17  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_13.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_12 as applied in C:  
\\temp\\installGrouper2.3\\grouper.ws-2.3.0\\grouper-ws\\build\\dist\\grouper-ws\\WEB-INF\\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_12.date = 2016/06/25 16:52:15  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_12.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_3 as applied in C:  
\\temp\\installGrouper2.3\\grouper.ws-2.3.0\\grouper-ws\\build\\dist\\grouper-ws\\WEB-INF\\grouperPatchStatus.properties  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_3.date = 2016/06/25 16:51:55  
- added to end of property file: grouper\_v2\_3\_0\_api\_patch\_3.state = applied  
Marking patch: grouper\_v2\_3\_0\_api\_patch\_2 as applied in C:

```
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_2.date = 2016/06
/25 16:51:53
- added to end of property file: grouper_v2_3_0_api_patch_2.state =
applied
Marking patch: grouper_v2_3_0_api_patch_9 as applied in C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\grouperPatchStatus.properties
- added to end of property file: grouper_v2_3_0_api_patch_9.date = 2016/06
/25 16:52:09
- added to end of property file: grouper_v2_3_0_api_patch_9.state =
applied
Marking patch: grouper_v2_3_0_api_patch_1 as applied in C:
\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-
ws\WEB-INF\grouperPatchStatus.properties
- property grouper_v2_3_0_api_patch_10.date already was set to: 2016/06
/25 16:52:12, not changing file
- property grouper_v2_3_0_api_patch_11.state already was set to: applied,
not changing file
- property grouper_v2_3_0_api_patch_11.date already was set to: 2016/06
/25 16:52:13, not changing file
- property grouper_v2_3_0_api_patch_10.state already was set to: applied,
not changing file
- property grouper_v2_3_0_api_patch_12.date already was set to: 2016/06
/25 16:52:15, not changing file
- property grouper_v2_3_0_api_patch_13.date already was set to: 2016/06
/25 16:52:17, not changing file
- property grouper_v2_3_0_api_patch_13.state already was set to: applied,
not changing file
- property grouper_v2_3_0_api_patch_12.state already was set to: applied,
not changing file
- added to end of property file: grouper_v2_3_0_api_patch_1.state =
applied
- added to end of property file: grouper_v2_3_0_api_patch_1.date = 2016/06
/25 16:51:51
##### Checking patch grouper_v2_3_0_api_patch_0
Patch: grouper_v2_3_0_api_patch_0: was applied on: 2016/06/25 16:51:49

##### Checking patch grouper_v2_3_0_api_patch_1
Patch: grouper_v2_3_0_api_patch_1: was applied on: 2016/06/25 16:51:51

##### Checking patch grouper_v2_3_0_api_patch_2
Patch: grouper_v2_3_0_api_patch_2: was applied on: 2016/06/25 16:51:53

##### Checking patch grouper_v2_3_0_api_patch_3
Patch: grouper_v2_3_0_api_patch_3: was applied on: 2016/06/25 16:51:55

##### Checking patch grouper_v2_3_0_api_patch_4
Patch: grouper_v2_3_0_api_patch_4: was applied on: 2016/06/25 16:51:56

##### Checking patch grouper_v2_3_0_api_patch_5
Patch: grouper_v2_3_0_api_patch_5: was applied on: 2016/06/25 16:51:58
```

```
##### Checking patch grouper_v2_3_0_api_patch_6
Patch: grouper_v2_3_0_api_patch_6: was applied on: 2016/06/25 16:52:01

##### Checking patch grouper_v2_3_0_api_patch_7
Patch: grouper_v2_3_0_api_patch_7: was applied on: 2016/06/25 16:52:06

##### Checking patch grouper_v2_3_0_api_patch_8
Patch: grouper_v2_3_0_api_patch_8: was applied on: 2016/06/25 16:52:08

##### Checking patch grouper_v2_3_0_api_patch_9
Patch: grouper_v2_3_0_api_patch_9: was applied on: 2016/06/25 16:52:09

##### Checking patch grouper_v2_3_0_api_patch_10
Patch: grouper_v2_3_0_api_patch_10: was applied on: 2016/06/25 16:52:12

##### Checking patch grouper_v2_3_0_api_patch_11
Patch: grouper_v2_3_0_api_patch_11: was applied on: 2016/06/25 16:52:13

##### Checking patch grouper_v2_3_0_api_patch_12
Patch: grouper_v2_3_0_api_patch_12: was applied on: 2016/06/25 16:52:15

##### Checking patch grouper_v2_3_0_api_patch_13
Patch: grouper_v2_3_0_api_patch_13: was applied on: 2016/06/25 16:52:17

##### Checking patch grouper_v2_3_0_api_patch_14
Patch doesnt exist yet (not an error): C:/temp/grouper.all-2.3.0/release/2.3.0/patches/grouper_v2_3_0_api_patch_14.tar.gz
There are no new API patches to install

##### Checking patch grouper_v2_3_0_ws_patch_0
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches/grouper_v2_3_0_ws_patch_0.tar.gz to file: C:\temp\installGrouper2.3\grouper_v2_3_0_ws_patch_0.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_ws_patch_0.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_ws_patch_0.tar
Patch grouper_v2_3_0_ws_patch_0 is low risk, is not a security patch
GRP-1317: attributeDefSave web service doesnt work for soap, GRP-1322:
acknowledge message ws had an issue
- added to end of property file: grouper_v2_3_0_ws_patch_0.date = 2016/06/25 17:08:01
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\coresoap\WsAttributeDef.class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\coresoap\WsAttributeDef.java
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\coresoap\WsAttributeDefActionOperationPerformed.class
```

Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\coresoap\WsAttributeDefActi  
onOperationPerformed.java  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$1\$1.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$1.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$10.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$11\$1.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$11.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$12.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$13\$1.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$13\$2.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$13.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$14.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$15\$1.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-  
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceLogic\$15.  
class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-  
ws\build\dist\grouper-ws\WEB-





ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\messaging\WsRestAcknowledgeMessageRequest.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\messaging\WsRestAcknowledgeMessageRequest.java  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$1.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$10.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$2.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$3.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$4.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$5.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$6.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$7.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$8.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut\$9.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPut.class  
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-ws\build\dist\grouper-ws\WEB-

```
INF\classes\edu\internet2\middleware\grouper\ws\rest\method\GrouperWsRestPu
t.java
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\rest\WsRestClassLookup.
class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\rest\WsRestClassLookup.java
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\soap_v2_3\GrouperService.
class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\soap_v2_3\GrouperService.
java
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\soap_v2_3\WsAttributeDefAct
ionOperationPerformed.class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\soap_v2_3\WsAttributeDefAct
ionOperationPerformed.java
Patch successfully applied: grouper_v2_3_0_ws_patch_0
- added to end of property file: grouper_v2_3_0_ws_patch_0.state = applied

##### Checking patch grouper_v2_3_0_ws_patch_1
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_ws_patch_1.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_ws_patch_1.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_ws_patch_1.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_ws_patch_1.tar
Patch grouper_v2_3_0_ws_patch_1 is low risk, is not a security patch
GRP-1324: acknowledge message soap ws had an issue, GRP-1325: grouper WS
send, receive, acknowledge message does not set Grouper headers
- added to end of property file: grouper_v2_3_0_ws_patch_1.date = 2016/06
/25 17:08:03
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\coresoap\GrouperService.
class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\coresoap\GrouperService.
java
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\soap_v2_3\GrouperService.
class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
```

```
INF\classes\edu\internet2\middleware\grouper\ws\soap_v2_3\GrouperService.
java
Patch successfully applied: grouper_v2_3_0_ws_patch_1
  - added to end of property file: grouper_v2_3_0_ws_patch_1.state = applied

##### Checking patch grouper_v2_3_0_ws_patch_2
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches
/grouper_v2_3_0_ws_patch_2.tar.gz to file: C:\temp\installGrouper2.
3\grouper_v2_3_0_ws_patch_2.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper_v2_3_0_ws_patch_2.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper_v2_3_0_ws_patch_2.tar
Patch grouper_v2_3_0_ws_patch_2 is low risk, is not a security patch
GRP-1313: potential ws/ui memory leaks with threadlocals
  - added to end of property file: grouper_v2_3_0_ws_patch_2.date = 2016/06
/25 17:08:05
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceJ2ee$1.class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceJ2ee.class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\GrouperServiceJ2ee.java
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\j2ee\GrouperJ2eeListener.
class
Applying file: C:\temp\installGrouper2.3\grouper.ws-2.3.0\grouper-
ws\build\dist\grouper-ws\WEB-
INF\classes\edu\internet2\middleware\grouper\ws\j2ee\GrouperJ2eeListener.
java
Patch successfully applied: grouper_v2_3_0_ws_patch_2
  - added to end of property file: grouper_v2_3_0_ws_patch_2.state = applied

##### Checking patch grouper_v2_3_0_ws_patch_3
Patch doesnt exist yet (not an error): C:/temp/grouper.all-2.3.0/release/2.
3.0/patches/grouper_v2_3_0_ws_patch_3.tar.gz
Tomcat is supposed to be listening on port: 8600, port not listening,
assuming tomcat is not running...
Should we stop tomcat anyway? (t|f)? [f]
#####
Tomcat start with command (note you need CATALINA_HOME and JAVA_HOME set):
  C:\temp\installGrouper2.3\apache-tomcat-6.0.35\bin\startup.bat

End tomcat start (note: logs are in C:\temp\installGrouper2.3\apache-
tomcat-6.0.35\logs)
#####
Should we check ports to see if tomcat was able to start (t|f)? [t]:
Waiting for tomcat to start...
Tomcat listening on port: 8600
This is the Grouper WS URL (change hostname if on different host):
http://localhost:8600/grouper-ws/
```

```
Do you want to install the web services client (t|f)? [t]:
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/grouper.
clientBinary-2.3.0.tar.gz to file: C:\temp\installGrouper2.3\grouper.
clientBinary-2.3.0.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper.clientBinary-2.3.0.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper.clientBinary-2.3.0.tar
Editing C:\temp\installGrouper2.3\grouper.clientBinary-2.3.0\grouper.
client.properties:
- set property: grouperClient.webService.url from: to: http://localhost:
8600/grouper-ws/servicesRest
- set property: grouperClient.webService.login from: to: GrouperSystem
- set property: grouperClient.webService.password from: to: pass
#####
Adding user GrouperSystem to grouper-ws users group with command:
cmd /c C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0\bin\gsh.bat C:
\temp\installGrouper2.3\grouper.apiBinary-2.3.0\gshAddGrouperSystemWsGroup.
gsh
...
stdout: Using GROUPER_HOME: C:\temp\installGrouper2.3\grouper.
apiBinary-2.3.0\bin\..
Using GROUPER_CONF: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\bin\..\conf
Using JAVA: "C:\dev_inst\java7\bin/java"
using MEMORY: 64m-750m
Grouper starting up: version: 2.3.0, build date: 2016/04/16 05:37:21, env:
<no label configured>
grouper.properties read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\grouper.properties
Grouper current directory is: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0
log4j.properties read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\log4j.properties
Grouper is logging to file: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\bin\..\logs\grouper_error.log, at min level WARN for package: edu.
internet2.middleware.grouper, based on log4j.properties
grouper.hibernate.properties: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\grouper.hibernate.properties
grouper.hibernate.properties: sa@jdbc:hsqldb:hsqldb://localhost:9001/grouper
sources.xml read from: C:\temp\installGrouper2.3\grouper.apiBinary-
2.3.0\conf\sources.xml
sources.xml grouperSource id: g:gsa
sources.xml grouperSource id: grouperEntities
sources.xml jdbc source id: jdbc: GrouperJdbcConnectionProvider
Type help() for instructions
edu.internet2.middleware.grouper.GrouperSession:
2e3684ed5224458a97dfefe38239179f, 'GrouperSystem', 'application'
group: name='etc:webServiceClientUsers' displayName='Grouper
Administration:webServiceClientUsers'
uuid='27b09741589449198d03f214d0f1f694'
true
#####
Running client command:
C:\temp\installGrouper2.3\grouper.clientBinary-2.3.0> C:
```

```
\dev_inst\java7\bin\java -jar grouperClient.jar --operation=getMembersWs --
groupNames=etc:webServiceClientUsers

...
stdout: GroupIndex 0: success: T: code: SUCCESS: group: etc:
webServiceClientUsers: subjectIndex: 0: GrouperSystem
Success running client command:
#####
Do you want to install the provisioning service provider next generation
(t|f)? [t]:
Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/grouper.pspng-
2.3.0.tar.gz to file: C:\temp\installGrouper2.3\grouper.pspng-2.3.0.tar.gz
Unzipping: C:\temp\installGrouper2.3\grouper.pspng-2.3.0.tar.gz
Expanding: C:\temp\installGrouper2.3\grouper.pspng-2.3.0.tar
##### Checking patch grouper_v2_3_0_api_patch_0
Patch: grouper_v2_3_0_api_patch_0: was applied on: 2016/06/25 16:51:49

##### Checking patch grouper_v2_3_0_api_patch_1
Patch: grouper_v2_3_0_api_patch_1: was applied on: 2016/06/25 16:51:51

##### Checking patch grouper_v2_3_0_api_patch_2
Patch: grouper_v2_3_0_api_patch_2: was applied on: 2016/06/25 16:51:53

##### Checking patch grouper_v2_3_0_api_patch_3
Patch: grouper_v2_3_0_api_patch_3: was applied on: 2016/06/25 16:51:55

##### Checking patch grouper_v2_3_0_api_patch_4
Patch: grouper_v2_3_0_api_patch_4: was applied on: 2016/06/25 16:51:56

##### Checking patch grouper_v2_3_0_api_patch_5
Patch: grouper_v2_3_0_api_patch_5: was applied on: 2016/06/25 16:51:58

##### Checking patch grouper_v2_3_0_api_patch_6
Patch: grouper_v2_3_0_api_patch_6: was applied on: 2016/06/25 16:52:01

##### Checking patch grouper_v2_3_0_api_patch_7
Patch: grouper_v2_3_0_api_patch_7: was applied on: 2016/06/25 16:52:06

##### Checking patch grouper_v2_3_0_api_patch_8
Patch: grouper_v2_3_0_api_patch_8: was applied on: 2016/06/25 16:52:08

##### Checking patch grouper_v2_3_0_api_patch_9
Patch: grouper_v2_3_0_api_patch_9: was applied on: 2016/06/25 16:52:09

##### Checking patch grouper_v2_3_0_api_patch_10
Patch: grouper_v2_3_0_api_patch_10: was applied on: 2016/06/25 16:52:12

##### Checking patch grouper_v2_3_0_api_patch_11
Patch: grouper_v2_3_0_api_patch_11: was applied on: 2016/06/25 16:52:13

##### Checking patch grouper_v2_3_0_api_patch_12
Patch: grouper_v2_3_0_api_patch_12: was applied on: 2016/06/25 16:52:15

##### Checking patch grouper_v2_3_0_api_patch_13
```

Patch: grouper\_v2\_3\_0\_api\_patch\_13: was applied on: 2016/06/25 16:52:17

##### Checking patch grouper\_v2\_3\_0\_api\_patch\_14

Patch doesnt exist yet (not an error): C:/temp/grouper.all-2.3.0/release/2.3.0/patches/grouper\_v2\_3\_0\_api\_patch\_14.tar.gz  
There are no new API patches to install

##### Checking patch grouper\_v2\_3\_0\_pspng\_patch\_0

Copying local file: C:/temp/grouper.all-2.3.0/release/2.3.0/patches/grouper\_v2\_3\_0\_pspng\_patch\_0.tar.gz to file: C:\temp\installGrouper2.3\grouper\_v2\_3\_0\_pspng\_patch\_0.tar.gz

Unzipping: C:\temp\installGrouper2.3\grouper\_v2\_3\_0\_pspng\_patch\_0.tar.gz

Expanding: C:\temp\installGrouper2.3\grouper\_v2\_3\_0\_pspng\_patch\_0.tar

Patch grouper\_v2\_3\_0\_pspng\_patch\_0 is low risk, is not a security patch

GRP-1318: PSPNG-Creation and Location of provision\_to and

do\_not\_provision\_to

- added to end of property file: grouper\_v2\_3\_0\_pspng\_patch\_0.date = 2016/06/25 17:09:06

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\FullSyncProvisioner\$1.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\FullSyncProvisioner\$FullSyncQueueItem.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\FullSyncProvisioner.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\FullSyncProvisioner.java

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\GrouperGroupInfo.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\GrouperGroupInfo.java

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapAttributeProvisioner.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapAttributeProvisioner.java

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapGroupProvisioner.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapGroupProvisioner.java

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapProvisioner\$1.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapProvisioner.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapProvisioner.java

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapProvisionerConfiguration.class

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\LdapProvisionerConfiguration.java

Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0  
\conf\edu\internet2\middleware\grouper\pspng\Provisioner.class

```
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\pspng\Provisioner.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\pspng\ProvisionerConfiguration.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\pspng\ProvisionerConfiguration.java
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\pspng\PspUtils.class
Applying file: C:\temp\installGrouper2.3\grouper.apiBinary-2.3.0
\conf\edu\internet2\middleware\grouper\pspng\PspUtils.java
Patch successfully applied: grouper_v2_3_0_pspng_patch_0
- added to end of property file: grouper_v2_3_0_pspng_patch_0.state =
applied

##### Checking patch grouper_v2_3_0_pspng_patch_1
Patch doesnt exist yet (not an error): C:/temp/grouper.all-2.3.0/release/2.
3.0/patches/grouper_v2_3_0_pspng_patch_1.tar.gz

#####
Looking for conflicting jars
Do you want to start the Grouper loader (daemons)?
  (note, if it is already running, you need to stop it now, check the task
manager for java.exe) (t|f)? [f]:
Installation success!
Go here for the Grouper UI (change hostname if on different host):
http://localhost:8600/grouper/
This is the Grouper WS URL (change hostname if on different host):
http://localhost:8600/grouper-ws/
#####

C:\temp\installGrouper2.3>
```