

Grouper Installer

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The grouper installer should not be used anymore

The Grouper Installer is a jar that will install the [Grouper Container](#) in v2.5+. This is only as a quick start at this point. You will generally not use the installer to install a production environment, you will use your lessons learned from the installer in your quick start to have your steps prepared.

The only prerequisites are Java 8 JDK. It will work in Windows, Unix, Mac (any OS where you can run DOS or shell scripts), however you will need docker so Unix/Mac are best. It saves a README.txt which files are being edited, and which commands are being run, so the user can learn from what is going on. It uses the stock Grouper container so there is no magic or hidden configuration included.

Install Grouper using the ["quickstart container"](#) (maturity level -1)

Running without network

The Grouper installer requires the internet currently. We can remove this requirement in the future if needed.

FAQ

How do I create a schema for my database?

Ask the DBA to do this, here is an example for a local Oracle installation

```
CREATE USER grouper_v1_5 IDENTIFIED BY xxxxxxxx
  DEFAULT TABLESPACE "USERS"
  QUOTA UNLIMITED ON "USERS";

GRANT "CONNECT" TO grouper_v1_5;
GRANT "RESOURCE" TO grouper_v1_5;

-- 2 Roles for grouper_v1_5
GRANT CONNECT TO grouper_v1_5;
GRANT RESOURCE TO grouper_v1_5;
ALTER USER grouper_v1_5 DEFAULT ROLE ALL;
-- 5 System Privileges for grouper_v1_5
GRANT CREATE SEQUENCE TO grouper_v1_5;
GRANT CREATE SESSION TO grouper_v1_5;
GRANT CREATE TABLE TO grouper_v1_5;
GRANT CREATE VIEW TO grouper_v1_5;
GRANT UNLIMITED TABLESPACE TO grouper_v1_5;
```

Problem with HSQL DB port:

If there is a problem with the HSQL port, then select that you do not want to use the default included database, then for the database URL, change the port to something else, e.g. from 9001 to 9002 with URL like this: jdbc:hsqldb:hsq://localhost:9002/grouper Leave the username and pass as "sa" and <blank>, and continue

What do I do when I am done with the installer?

[See the page on Getting Ready for Production](#)

Example

[Installing the v2.5 container with the installer](#)

Using a config file

You can put a `grouper.installer.properties` in the same directory as the `grouperInstaller.jar` to control various aspects. See the `grouper.installer.example.properties` for what's possible to put in there

At a minimum you need this in the config file (version and url)

```
# this should be before the version number
download.server.url = http://software.internet2.edu/grouper

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

To run the installer, use this command

```
[appadmin@i2mdev6 patchesAuto]$ ls
grouperInstaller.jar
grouper.installer.properties
[appadmin@i2mdev6 patchesAuto]$ java -cp .:grouperInstaller-x.y.z.jar edu.internet2.middleware.
grouperInstaller.GrouperInstaller
```

You can also set this property which as you run the installer will let you know the property to set for each prompt

```
# this should be before the version number
download.server.url = https://software.internet2.edu/grouper

# print out autorun keys in prompts so you can easily see how to configure the autorun
grouperInstaller.print.autorunKeys = false
```

Then once you see which properties to set, put them all in the `grouper.installer.properties` and run, and you can use defaults to make it not interactive

```
# this should be before the version number
download.server.url = https://software.internet2.edu/grouper

#### set this to true to try to use defaults for everything. Only things without default values will need to
be set
grouperInstaller.autorun.useDefaultsAsMuchAsAvailable = true
```

See also

[Grouper API](#)