



Grouper Training System Administrators Upgrader

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Introduction to Upgrader

- The Grouper Upgrader is an option in the Grouper Installer
- It will upgrade from whatever version of Grouper is installed to the version of the upgrader
 - Extremely old versions of Grouper haven't been tested
 - Grouper 1.5+ has been tested

Introduction to Upgrader (continued)

- The Upgrader is available in Grouper 2.2.1+
- If you download the 2.2.1 upgrader, it will upgrade an existing Grouper to 2.2.1
- You can run the upgrader on a 2.2.1 version (or whatever version the upgrader is) of Grouper to verify it

Introduction to Upgrader (continued)

- The upgrader must run from an installed directory, not a source directory
- You can upgrade:
 - API or PSP
 - UI webapp dir
 - WS webapp dir
 - Grouper client

Introduction to Upgrader (continued)

- The upgrader will prompt you about major changes
 - E.g. if you want to do a DDL update
- The upgrader will print out how to run each command and some output
- At the end, the upgrader will prompt you to install the most recent patches for that version (if applicable)

How to run the upgrader

- You run the upgrader just like you run the installer
- Get the latest grouperInstaller.jar (note, VER in the command is e.g. 2.2.1)

```
$ wget http://software.internet2.edu/grouper/release/VER/grouperInstaller.jar
```

- Run grouperInstaller.jar

```
$ java -jar grouperInstaller.jar
```

- Pick “upgrade” from the main menu

Use the upgrader as an example

- If you want to know the steps for an upgrade, you could:
 - Clone your database and files
 - Run the upgrader on that instance
 - Make note of the commands and steps the upgrader uses
 - Run those manually or via the upgrader in the real env or manually against a source tree

Upgrader demo

- This is an example of Grouper v2.0 upgraded to Grouper 2.2.1

Quiz

- Click on the quiz link in the video description to reinforce your knowledge of this topic



Thanks!

Further information:

- Infosheets, mailing lists, wiki, downloads, etc.:
<https://spaces.internet2.edu/display/Grouper/Grouper+Wiki+Home>
- Grouper demo server:
grouperdemo.internet2.edu/
- Grouper Online Training Home:
spaces.internet2.edu/x/IIGfAQ