

Grouper Downloads

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As of Grouper v2.5+ it is required to use the [InCommon Trusted Access Platform](#) packaging approach.

[Report Grouper Security Concerns here](#)

View the Grouper Demo

[View the Grouper demo](#) (if you have [issues registering for the demo](#), [click here for info](#))

Current Grouper release is v2.5.x

[Read the Release Notes for Grouper 2.5](#)

Release components

Grouper in v2.5 is a container. If your institution does not run containers regularly, it's ok, you can run Grouper without making investments in container orchestration.

For the Grouper container, which runs the Grouper UI, WS, daemon, scim, GSH, see:

- [v2.5 release notes to see which version to use](#)
- [v2.5 install instructions](#)
- [v2.5 maturity level -1 \(quick start\)](#)
- [v2.5 maturity level 0 instructions using installer](#)
- [v2.5 maturity level 0 instructions manual install](#)
- [v2.5 upgrade instructions](#)
- The Grouper installer helps you install this container for the first time (and in non production)
 - [Download the version you want from maven.](#) (download the grouper-installer-*.jar)
 - Get a grouper.installer.example.properties e.g. for 2.5.X:
https://raw.githubusercontent.com/Internet2/grouper/GROUPER_RELEASE_2.5.XX/grouper-misc/grouper-installer/conf/grouper.installer.example.properties
 - Create a blank grouper.installer.properties and use any settings from the example
 - Run: `java -jar grouper-installer-2.5.X.jar`
- The Grouper client is a java library for Grouper web services which can be used command line and can show example web service calls
 - [Download the version you want from maven.](#) (download the grouperClient-*.jar)
 - Get a grouper.client.base.properties e.g. for 2.5.X:
https://raw.githubusercontent.com/Internet2/grouper/GROUPER_RELEASE_2.5.XX/grouper-misc/grouperClient/conf/grouper.client.base.properties
 - Create a blank grouper.client.properties and use any settings from the base properties
 - Run: `java -jar grouperClient-2.5.X.jar`

New Features in Grouper 2.5

Grouper 2.5 includes many helpful new features, as listed below, as well as the enhancements provided in Grouper 2.4 patches, such as [visualization](#) and [reporting](#).

The upgrade from 2.4.0 to 2.5 is not generally a major upgrade. The database did not change much.

You are required to use a container when running Grouper. This will ensure you have consistent directory structure, the correct version of libraries, and low risk and low effort upgrades. There are [instructions](#) to make using the container as easy as possible.

Expirable groups	Groups can have enabled / disabled dates and can be disabled (RBAC feature)
Container required	Grouper requires a container to run. No tarballs will be distributed. No more patches, no more confusing upgrades, no more inconsistent environments, no more lengthy installs
Container redesign	One servlet container, easier mounts, one directory structure, fewer processes, maven build, patchless
Grouper installer installs container	Grouper installer wizard walks through running Grouper in container

Improve pagination in WS	Cursor based paging allows fewer memory problems and paging which does not skip records
Gantt chart for jobs	See when jobs have executed, job overlap, how long jobs take, success or error
Add new web services	Get audit log Web Service Add point in time options for WS get members, get groups, group save, get memberships
Attributes on memberships in UI	Allow direct and indirect attributes on memberships in UI (see JIRA). See wiki documentation here
WS and UI authentication	Basic authn stored in database. Passwordless WS authn in future. This is more friendly for containers
Simple custom UI	Analyze access for a policy. Allow easy join/leave. One-pager application
Automatic DDL upgrades	Grouper can automatically adjust the database structure in a controlled way when a new container is run

Grouper source code is on GitHub.

Previous Grouper Versions

For previous Grouper versions, click the link for the desired version:

2.4.0: [2.4.0](#)
 2.3.0: [2.3.0](#)
 2.2.2: [2.2.2](#)
 2.2.1: [2.2.1](#)
 2.2.0: [2.2.0](#)
 2.1: [2.1.5](#), [2.1.4](#), [2.1.3](#), [2.1.2](#), [2.1.1](#), [2.1.0](#)
 2.0: [2.0.3](#), [2.0.2](#), [2.0.1](#), [2.0.0](#)
 1.7: [1.7.0](#)
 1.6: [1.6.3](#), [1.6.2](#), [1.6.1](#), [1.6.0](#)

Email Subscriptions

As an open source project, support is provided by means of the Grouper documentation wiki and open mailing lists. Grouper implementers are urged and welcome to subscribe to the following email lists:

- **Grouper-Announce** mailing list, for important announcements around security and releases.
- **Grouper-Users** mailing list, which is an open support forum for deployment issues.
- **Grouper-Developers** mailing list, for those interested in discussion of development issues.

To **subscribe** , [see instructions here](#)

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See Also

[Grouper v.2.4 Release Notes](#)

[v2.4 Upgrade Instructions from v2.3](#)