

Grouper Product

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This is an old wiki page, no longer maintained

Welcome to the Grouper v1.5.0 Product Documentation Space

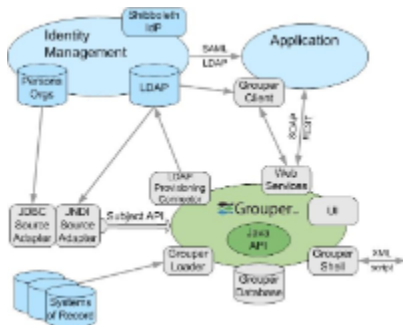
Software Overview

Download - Download the latest product version from the main Grouper Software web site.
Specsheet - Offers operational specifications for the development and deployment of Grouper.
License - Terms under which Grouper is licensed, the Apache 2.0 license.
Archives - Details feature information and downloads of previous Grouper versions.
Glossary - Terms and definitions relevant to Grouper.

Grouper Trademark Guidelines and Styleguide - Usage policy for the Grouper logo.

Grouper Integration

Graphic illustration of the the range of options for integrating Grouper with existing Identity Management components and with applications.



Systems Administration

Installation & Configuration

Prerequisites - Establish the Grouper environment.
API Installation - Configure the API and integrate with existing identity stores.
UI Installation - Configure, build, and deploy Grouper's User Interfaces.
WS Installation - Build, secure, and deploy Grouper Web Services.
Initializing Administration of Privileges - The first stem and group you should create.

Tools & Topics for On-Going Administration

GrouperShell - Documentation for the *gsh* command line utility.
LDAPPC - Documentation for the LDAP Provisioning Connector.
Grouper Client - Experimental client for Grouper LDAP and Web Services.
Import/Export Tool - Documentation for the XML Import/Export tool.
Unresolvable Subject Deletion Utility - Documentation for the command line *usdu* tool.
Bad Membership Finder Utility - Documentation for the *findbadmemberships* command line script.
Custom Group Types & Fields - What they are and how to create and delete them.
User Audit Log - How to review who made what changes and when.
Notification - Grouper can incrementally provision external systems
Move and Copy - How to move / copy groups or stems.
Grouper Daemon - Documentation for background processing including: GrouperLoader, notifications and membership expiry.
Grouper UIs - Information on web-based user interfaces provided with Grouper.
Attribute framework - Grouper v1.5.0 has a new attribute framework for assigning metadata to grouper objects
Role and permission management - Grouper v1.5.0 allows external applications to central management roles and permissions in Grouper
Enabled and disabled dates - Memberships can be set to apply only in the future, or for a certain period of time
Shibboleth Integration - Grouper as a Data Connector Extension for Shibboleth.

Applications Development

Grouper UI Customisation Guide

- [Grouper UI Components](#)
- [Architecture](#)
- [Struts Actions and Tiles](#)
- [Customising the Grouper UI](#)
- [Grouper UI Development Environment](#)

Developer's Guide to Grouper Web Services

Hooks for 3rd party extensions to the java API

[API & UI v1.5.0 Javadoc](#)

[WS v1.5.0 Javadoc](#)


[Grouper Client v1.5.0 Javadoc](#)

[Grouper source code](#) is in Internet2's SVN repository. We recommend getting the 1.5 branch, which will always include the latest patches to the 1.5 release. [Viewvc](#). For command line users:

```
svn co http://anonsvn.internet2.edu/svn/i2mi/branches/GROUPER_1_5_BRANCH/
```

Bug Reports - Bugs submitted and fixes found here. Note: You will need to create a login with Jira.

Archived Documentation

 Archived documentation can be viewed on the [Archives](#) page, bundled in a (.PDF) file under each release version (major- and sub-releases only.)

Community Area

Documents & Presentations - View others' and post your Grouper-related drafts and final works.

Contributions - Share your code, software, documentations, use cases, and other contributions with the Grouper community.

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Questions or comments about the wiki space? Contact Steve Olshansky <steveo AT internet2 DOT edu>