

Groups Service Features

The current design of the UW Groups Service supports the following features:

- user-friendly groups.uw.edu web interface with "My Groups", "Find Groups", "Create a group", "Favorites", "Preferences", "Watches", and keyboard shortcuts
- programmable [REST API](#) to create, read, update, and delete group data
- delegated model of management authority for assigning permissions to others
- structured, hierarchical namespace based on [UW Group IDs](#) that uniquely identify groups
- flexible access controls for group administrators, membership managers, and subgroup creators
- enhanced (2-factor login) security for managing critical groups and viewing confidential memberships
- group memberships based on UW NetIDs, UW Group IDs, Federated IDs, DNS names (to represent X.509 certificates), and UWWI computers
- group memberships that depend on and are constrained by membership in another "membership dependency group"
- opt-in and opt-out permissions to allow members to join and leave groups on their own, respectively
- self-service [home group](#) creation based on organizational short names in UW DNS, or based on personal and shared UW NetIDs
- group history information for reviewing changes and membership updates
- [multiple group assistant](#) to apply the same operation to multiple groups
- group data classification according to [APS 2.6](#) and criteria for [UW Data Classification](#)
- real-time synchronization with UW Windows Infrastructure for group use in UW Exchange, SharePoint, and via UWWI Active Directory
- [application integration](#) via standard Windows, REST/HTTP, LDAP, and SAML protocols
- web server integration for [access control by UW Group ID](#) on UW-IT's central web servers
- institutional data integration supporting well-managed [Institutional Groups](#) based on course, major, employment, and affiliation.
- data integration from [ASTRA](#) for current authorizations by application role
- [UW Shibboleth Identity Provider](#) integration for federated access management via isMemberOf attributes
- integration with [Catalyst Web Tools](#) (WebQ, QuickPoll, Collect It, CommonView, GoPost, ShareSpaces, etc.)
- integration with [UW Google Apps](#) to support document, site, and calendar sharing, as well as [UW-IT Online Portfolios](#)
- integration with [Tegrity Manager](#) to manage roles and access to Tegrity Courses
- integration with UW Mailman to [Synchronize Groups with Mailman Lists](#)
- [local Groups JIRA](#) for reporting, finding, watching, and voting on issues (bugs, features, etc.) - *in limited use*