

JOIN YOUR JAVA.NET PROJECT

[This handout describes what java.net is, the java.net membership and roles, the java.net projects and features that will be used in the GSD project, and how to join a java.net project.]

What is java.net?

java.net (<http://www.java.net>) is a repository of development projects similar to source forge. It is generally used for projects based on Java technology, as its name suggests, but it can also host other types of projects. It provides developers with support for discussion boards, wikis, mailing lists, bug tracking, documents and code repository etc... The *Source Code Repository* and the *Issue Tracker* facilities will be used.

Source Code Repository and Issue Tracker:

- The *Source Code Repository* facility permits one to share, browse, update and checkout the code of a project. The repository can be accessed using CVS (<http://www.nongnu.org/cvs>) or Subversion (<http://subversion.tigris.org>). (A tutorial on the java.net source code repository is provided at: <http://atlantis.seidenberg.pace.edu/wiki/gsd2008/Tutorials>.)
- The *Issue Tracker* facility will be used to validate the software. Clients, coaches and auditors will submit bugs; developers will use it to manage bugs and generate bug reports to be published regularly. The raised issues will be broadcasted to the whole development team. (A tutorial on the java.net issue tracker is provided at <http://atlantis.seidenberg.pace.edu/wiki/gsd2008/Tutorials>.)

Java.net projects:

- Cambodia-ITC <https://multilib2008-cambodia.dev.java.net>
- India <https://multilib2008-india.dev.java.net>
- US-NYC <https://multilib2008-usa1.dev.java.net>
- US-Pleasantville <https://multilib2008-usa2.dev.java.net>
- Thailand <https://multilib2008-thailand.dev.java.net>

Java.net Membership and Roles:

Client, client coaches and the SQA manager will request an *Observer* membership to all the java.net projects listed above. Observers have read-only access to the complete project and they can submit issues (bugs).

Developers and developers' coaches will request a *Developer* role. Developers have read and write access to the complete project.

Auditors will request an *Observer* role.

How to Join a java.net Project?

Step 1: Register with java.net

- Go to <https://www.dev.java.net/servlets/Join>, register for an account (username, email), check your email, set up a password, go back to: <http://www.java.net> and log in. (See Figure 1)
- **Note: Use the same username as your Yahoo pseudo.**

The screenshot shows the registration page on java.net. The page has a header with the java.net logo and tagline. Below the header is a navigation menu with 'My pages', 'Projects', 'Communities', and 'java.net'. The main content area is titled 'Register' and contains the following text: 'Already registered as a user? [Log in](#) to access the site.' 'Once you click on "Register", you will receive an email message with instructions on how to log into your new account.' 'You can also change your password by selecting the Edit profile link after you are logged in.' Below this text is a registration form with the following fields: 'Username' (with a note: '* = Required fields', 'Up to 32 characters in length; valid characters are a-z, A-Z, 0-9 and underscores. Spaces are not permitted, and an underscore cannot be the first character. Example: jandoe'), 'Email' (with a note: '* = Required fields', 'Any length; valid characters are a-z, A-Z, 0-9, the @ character, the ., and underscores. Spaces are not permitted. Example: L_doe@email.add'), and 'Email language' (a dropdown menu set to 'English' with a note: 'Select a language to use for email sent by the system.'). A 'Register' button is located at the bottom of the form. The left sidebar contains several sections: 'Get Involved' with links like 'java.net Project', 'Request a Project', 'Project Help Wanted Ads', 'Publicize your Project', and 'Submit Content'; 'My tools' with links like 'My start page', 'My profile'; 'Search' with a search box and 'Go' button; and 'How do I...?' with links like 'Get help with registering?', 'Get release notes for Compiler 4.5.2?', and 'Get help?'. The browser status bar at the bottom shows 'Done' and the URL 'www.dev.java.net'.

Figure 1 - java.net Registration

Step 2: Join a project

- Go to the url of the project you want to join and click on *Request project membership / role* and then select your role. (See Figures 2 and 3)



Figure 2 - Request Project Membership



Figure 3 - Roles in a java.net Project

- **When Dr. Scharff will get your request, she will approve it and you will be able to access the project. If after two days, your request is not approved, write her an email at cscharff@pace.edu.**

java.net Help on Joining a Project:

<https://www.dev.java.net/nonav/sdocs/ProjectMembershipRequest.html>