

# uPortal 101

During the course of this half-day workshop participants will be walked through the basics behind getting uPortal 2.5 up and running.

## Setup

**Please complete the steps on the setup page before the seminar to actively run examples.**

## Seminar Topics

### Building uPortal (15 minutes Susan)

1. The first step is to create an Eclipse project for our work in uPortal. There are two options:
  - If you already are familiar with the mechanics of creating a new eclipse project from CVS you can do so from the JA-SIG repository on [developer.jasig.org](http://developer.jasig.org). Use the branch labeled uPortal 101 Vancouver.
  - If you are not familiar with creating a Java project from CVS you can
    - download uPortal-101-proj.zip,
    - expand it into a writeable area on your laptop (such as your hard disk.)
    - use eclipse File>Import... and select "Existing Projects into Workspace" to create the project from the expanded archive.
  - Open build.properties and set server.home to the Tomcat home where you installed Tomcat. For example: \uPortal-101\JavaClasses\jakarta-tomcat-5.0.28. This is the same value you set in Eclipse Window>Preferences>Tomcat>Tomcat Home.
  - Right click on build.xml and select "run as..." to run ant and select the target "deploy".

If all is well this will copy all required uPortal components to the Tomcat webapps directory. Congratulations. You have deployed the uPortal application! But it is not going to run yet.

**A word about JAXP, DOM3, xalan and JDK versions. If you need to run uPortal under jdk 1.4 read Andrew's guide at <http://www.ja-sig.org/wiki/display/UPC/Practical+uP25+XML+Changes>.**

Since we are running this workshop under JDK 5.0 Update 6 we must **remove (!)** two jar files distributed with Tomcat 5.0.28. To do this go to jakarta-tomcat-5.0.28/common/endorsed and delete (or move) xml-apis.jar and xercesImpl.jar.

### Logging and log settings (10 Andrew)

## **Configuration and customization for your site (10 Andrew)**

1. Some components use Spring most still use properties
2. ApplicationContext.xml, checkers and issues with XML libraries and Java versions

## **uPortal Database Configuration (20 Susan)**

## **Authentication configuration (20 Andrew)**

1. Simple
2. CAS (proxy granting tickets)
3. Others (LDAP?)

## **User Attributes and Person Directory Configuration (20 Susan)**

**Total 1 hour 35 minutes**  
**15 minute break**

## **Groups Management (20 Susan)**

## **Channels (20-30? Andrew)**

1. IChannel and channel types
2. Channel Manager user interface
3. Chanpub and xml channel definitions
4. Channel Publishing Documents for new channel types
5. Portlet support
6. Support for WSRP
7. Use of IPerson and proxy CAS

## **Layout management and Content Provision (20 Susan)**

## **Stats recording (10-15 Andrew)**

1. Available recorders
2. database stats recorder?

**Total 1 hour 20 minutes**  
**15-20 minutes additional questions**