# Lenya

## Creating a New Publication

### Prerequisites

We'll use the following directory layout:

$HOME/

apache/

lenya-2.0/ The Lenya installation directory, we'll call it $LENYA\_HOME.

src/

lenya/ The home directory of your Lenya-related sources.

pubs/ Your publications.

$MYPUB/ Your first publication. We'll call this directory $MYPUB\_HOME.

modules/ Your modules.

data/ Here you'll store your data:

content/ Content (documents, images, ...)

access-control/ Access control data

passwd/ Users, groups, etc.

policies/ Policies (page permissions)

By telling Lenya to store the data in your source tree and not in the web application context, you can more easily sync it with your source code repository.

To speed up your development, we recommend to serve the contents of modules directly from their sources. Edit your $LENYA\_HOME/local.build.properties and update the modules.copy setting:

**modules.copy=false**

If you're using Eclipse, you can add a Java project with the src directory as home directory. We recommend to [add the Lenya project](http://lenya.apache.org/docu20/tutorials/setupide.html) to Eclipse as well so you can easily use it's API.

### Telling Lenya about Your Publication

First, we have to tell Lenya that you want to deploy your publication. This is done in $LENYA\_HOME/local.build.properties. Add the path to the directory where you store your publications to pubs.root.dirs:

**pubs.root.dirs=src/pubs:/home/john/src/lenya/pubs**

If you add multiple publications to this directory, Lenya will detect them automatically.

### Basic Configuration

Now it's time to add the main configuration file of your publication, $MYPUB\_HOME/config/publication.xml. The language settings depend on your requirements, you can add whatever languages you need. But make sure to use the official ISO 639-1 language codes. The entry <template id="default"/> tells Lenya that your publication is based on the default publication.

Here's an example how your publication.xml file might look like: