

# Installation of the Source Version

0.1 Documentation

by Lenya community

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## 1. Standalone Installation (using the built-in Jetty)

1. **Get the Java SDK** (see [Prerequisites](#) (prerequisites.html) )
2. **Get Apache Cocoon** (see [Prerequisites](#) (prerequisites.html) )
3. **Get Apache Lenya** (see [Download Lenya](#) (download.html) )
4. Extract the downloaded Lenya archive to the `lenya` directory as described below. If you use Subversion, create your Lenya checkout inside the `src` directory as described below. It is recommended to use the following directory structure for an easier build experience.

```
your_home (or c:\ on Windows, NOT My Documents)
  /src
    /lenya                      $LENYA_HOME
    /cocoon-2.1                 $COCOON_HOME
      /build
        /webapp                 $COCOON_WEBAPP
```

## 5. Copy the Cocoon build properties supplied by Lenya

Copy the files

- `local.build.properties`
- `local.blocks.properties`

from `$LENYA_HOME/src/cocoon` to `$COCOON_HOME`.

## 6. Compile Cocoon

### MS Windows

```
$COCOON_HOME > build.bat
```

### Unix

```
$COCOON_HOME > ./build.sh -Dinclude.webapp.libs=yes webapp
```

## 7. Configure Lenya

If your Cocoon source tree is set up as described above, you can skip this step. If your Cocoon source tree is not at `../cocoon-2.1` relative to Lenya, you need to edit your build properties. To do this, copy `$LENYA_HOME/build.properties` to `$LENYA_HOME/local.build.properties`.

Edit `local.build.properties`. For the described configuration the following settings will work (**MS Windows:** Don't use backslashes `"\"` for directory separation.)

- `cocoon.src.dir=$COCOON_HOME`
- `tomcat.home.dir=$TOMCAT_HOME`

## 8. Build Lenya

Execute `build.bat` or `build.sh` in your Lenya source directory, depending on your platform.

## 9. Start Lenya

Execute `lenya.bat` or `lenya.sh servlet` in your Lenya source directory, depending on your platform.

## 10. Test the installation

<http://localhost:8888>

## 2. Installation with Apache Tomcat

Installing Lenya with Tomcat is mostly the same procedure. Follow Steps 1-6, then do the steps below.

1. **get Apache Tomcat** (see [Prerequisites](#) (prerequisites.html) )
2. **Install Apache Tomcat**

See [Tomcat 5.0 Setup](http://jakarta.apache.org/tomcat/tomcat-5.0-doc/setup.html) (<http://jakarta.apache.org/tomcat/tomcat-5.0-doc/setup.html>)

### MS Windows:

Basically this is setting the JAVA\_HOME environment variable and running the Tomcat installer. Decide to run Tomcat as a Windows NT/2000/XP-Service.

### Warning:

Make sure you do not install at a location with spaces in the path

3. **Configure Lenya**

To install Lenya with Tomcat, you need to edit your build properties. To do this, copy \$LENYA\_HOME/build.properties to \$LENYA\_HOME/local.build.properties.

Edit local.build.properties. For the described configuration the following settings will work (**MS Windows:** Don't use backslashes "\" for directory separation.) It is important that tomcat.home.dir is an absolute path. Replace \$TOMCAT\_HOME by your Tomcat installation directory. If your Cocoon source directory is not at ../cocoon-2.1 relative to Lenya, then change the cocoon.webapp.dir and cocoon.src.dir properties.

- cocoon.src.dir=\$COCOON\_HOME
- tomcat.home.dir=\$TOMCAT\_HOME

4. **Build Lenya**

Execute `ant install` in your Lenya source directory.

5. **Restart Tomcat**

Restart Tomcat to load the Lenya webapp.

6. **Test the installation**

<http://localhost:8080/lenya>