

# Guide to custom Directory Deployment

## Introduction

For test and other purposes Apache Directory Project Snapshots can be deployed to a custom location (e.g. locally). This guide will walk you through the process by preparing your maven configuration.



This is thought mainly for site-deployment and snapshot-deployment of artifacts. For release-deployment of artifacts see [Guide to Directory Releases](#)

## Maven Settings

You'll need a profiles section to add the properties needed for customization. Here's what my settings.xml file in ~/.m2 looks like:

```
<settings xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
    http://maven.apache.org/xsd/settings-1.0.0.xsd">
  <profiles>
    <profile>
      <id>deploy-local</id>
      <properties>

        <!-- This property is needed to customize where the goal 'deploy' will deploy artifacts to -->
        <distMgmtSnapshotsUrl>scpexe://localhost/tmp/local-directory-deployment</distMgmtSnapshotsUrl>

        <!-- This property is needed to customize where the goal 'site-deploy' will deploy the generated site
to -->
        <distMgmtSiteUrl>scpexe://localhost/tmp/local-directory-site-deployment/</distMgmtSiteUrl>
      </properties>
    </profile>
  </profiles>

  <!-- In some cases you may need to add some credential information -->
  <!-- See also http://maven.apache.org/developers/committer-settings.html -->
  <servers>
    <server>
      <id>apache.snapshots.https</id>
      <username>{user}</username>
      <privateKey>{user.home}/.ssh/id_dsa</privateKey>
      <configuration>
        <sshExecutable>ssh</sshExecutable>
        <scpExecutable>scp</scpExecutable>
      </configuration>
    </server>
  </servers>
</settings>
```

Of course these properties can also be set directly via command line, e.g.

```
mvn clean deploy -DdistMgmtSnapshotsUrl=scpexe://localhost/tmp/local-directory-deployment
mvn clean site-deploy -DdistMgmtSiteUrl=scpexe://localhost/tmp/local-directory-site-deployment/
```