

Creating a new sample

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To facilitate the creation of sample applications for Geronimo in a more consistent way we use mvn archetype to first create a sample template. mvn is part of the apache maven project. Downloading and configuring maven is prerequisite for creating your own sample. As maven needs a fully functional internet link, take care of its proxy configuration which you can set in `maven_home/conf/setting.xml`

To create your own sample using this template follow these steps:

1. Download the [samples-pom.zip](#) file into a directory. We will call it **samples-project**.. Extract the zip file to here.
2. Change directory to **samples-project/samples** and create a new sample using the following command. Substitute **mySample** in the comand below to the name of your sample.

```
mvn -Pcreate -DsampleName=mySample -DsampleVersion=myVersionNumber
```

Congrats !!! You have successfully created a sample template called **mySample**

You now add/delete child mvn modules under **samples/mySample** to suit your requirement.

3. To build this sample, go to the **samples/mySample** directory and run the following commands. `mvn install` `mvn install site` Your sample binary will be called `samples/mySample/mySample-ear-myVersion.ear`. There will be a **samples/mySample/docs** directory containing the javadocs and source xref for your samples.
4. This sample binary can now be deployed to a running Geronimo server.
5. Create/modify the wiki page for your sample at <http://cwiki.apache.org/GMOxDOC20/sample-applications.html>.
6. Save the complete html of that page in the **samples/mySample/docs/wiki** directory.
7. Go to **mySample** directory and run `mvn clean`. Then zip the **mySample** directory. The zip now contains the samples source, the javadocs, source xref and the wiki page doc.
8. Attach this zip to your sample's wiki page.