



Exercise 1

Set up the bookstore

INTRODUCTION

This document will guide you through setting up and initializing the Bookstore on the machine where you will carry out the labs for this course.

What you will learn

You will learn how to set up a store built on top of the SAP Commerce Platform.

What you will need before starting

- Internet access
- Administrative rights on your computer

INSTRUCTIONS

(If you are using the VMs please skip the first 4 steps)

1. Check which Java version you have installed in your machine. Please open a terminal window and type

```
java -version
```

You should have at least *Java SE 1.8*. If not, please go to <http://www.oracle.com/technetwork/pt/java/javase/downloads/index.html> to download and install a JDK 1.8 appropriate for your operational system.

2. Make sure that you have a `JAVA_HOME` environment variable pointing to the directory in which you installed the JDK.
3. Also, make sure that the `JAVA_HOME/bin` directory is added at the start of your `PATH` variable.
 - o In Unix/Mac, put `export PATH=$JAVA_HOME/bin:$PATH` in `$HOME/.bash_profile`.
 - o In Windows, open the System control panel and under Environment Variables, add `%JAVA_HOME%\bin` to the `PATH`.
4. Unzip `sapCom-BF-OSX-1811.0.0.zip` (on a Mac) or `sapCom-BF-win64-1811.0.0.zip` (On Windows). If you're on Windows, remember to unzip the file close to the filesystem root (for instance, `C:\`) and **not** under a directory with spaces in the name (for instance, `C:\Program Files`). This file contains the Bookstore installed on top the SAP Commerce Cloud Platform, all the exercises, and example solutions.



If you are setting up a Windows machine, it is important that you avoid folders with long names or with spaces in their name, and that you do not install your working folder too deep in your file system (the closer your working folder is to your root folder (such as `C:\`), the better).

NOTE: you could also use: `jar -xvm <filename.zip>`



If you have any questions about how to download, install, or setup the required software and environment variables on your machine, please ask your instructor for advice.

Never allow yourself to become stuck for too long on any one step of the exercises, or you will fall behind. Ask your instructor for help!

5. Set Ant and platform environment variables by navigating to `YOURPATH/workspace/hybris/bin/platform` directory (if you are using the VMs YOURPATH is `N:\C4H365`, otherwise YOURPATH is where you unzip the zip file in step 4) and executing

```
setantenv.bat
```

(on Windows) or

```
./setantenv.sh
```

(on OSX or Linux – the period operator indicates the script should run in the current shell).

6. In your terminal, navigate to `YOURPATH/workspace/hybris/bin/platform` directory and execute:

```
ant initialize
```

You can go to the next step while this command is running.

7. You can skip this step if you're using a pre-configured SAP cloud instance. Otherwise, you can add the following line to your `hosts` file.

```
127.0.0.1 bookstore
```

Adding this line will help accessing the bookstore with a simpler URL later.

If you're on a Windows machine, the file is here:

```
C:\Windows\System32\drivers\etc\hosts
```

On a Mac or Linux machine the file is located here: `/etc/hosts`

8. Once the build and initialization is done successfully, in the same terminal window, execute:

```
hybrisserver.bat
```

 (on Windows) or

```
./hybrisserver.sh
```

 (On Mac or Linux)

9. Once the server is up and running, go to

<https://bookstore:9002/> or <https://localhost:9002/?site=bookstore>



If you see a storefront, just like the image above, you have installed the bookstore successfully.

Congratulations, you are now ready to work on the rest of the exercises!