



Spartacus Training

Day 1

Local development environment setup

- ☐ Nodejs Setup
- ☐ NPM setup
- ☐ Angular Installation
- ☐ Adding Spartacus onto Angular Project



Setting up Node js

What's Nodejs?

As an asynchronous event-driven JavaScript runtime, Node.js is designed to build scalable network applications.

Installation Steps

- ❑ Go to <https://nodejs.org/en/download/>
- ❑ At this time LTS version 16.13.0 is good enough to download
- ❑ Download desired file
 - ❑ Win (.msi)
 - ❑ macOS (.pkg)
 - ❑ Linux (tar.gz) binary



Let's check what we have installed?

Open terminal/cmd

❖ Run “**node -v**” to check node version

It should be 16^ (mine is 16.13.0) yours should be 16.xx.x.

Now check npm version

❖ Run “**npm -v**”

It should be 8^ for reference mine is 8.1.0.



Download and install Angular

For the current project we are going to use Angular 10^.

Open terminal/cmd

❖ Run “npm install -g @angular/cli@10”

Wait... its installing..



Let's check what we have installed?

Open terminal/cmd

Run “ng --version”

ng is shorthand for angular. It's the initiator for all the CLIs Command.

(always remember **ng**)



What should we use as code editor???

There are so many options out there which we can use and anything is absolutely fine.

We are going to use VS code

Its free!

Its easy!

Its Lightweight!

Its amazing... period!

Let's download it.

<https://code.visualstudio.com/download>



Lets create first angular Project...

While VS code is getting downloaded. We will create our first angular application.

Go to desired folder location and run command “`ng new <project_name> --style=scss`”

Please Ignore <>

“`ng new`” is the command for creating a new project with name followed by this command
ie. `ng new spartacus_project`

`--style=scss` denotes that we need our styles in scss format. By default it will css.



Let run the Angular project.

Use “[ng serve](#)” inside the project root folder to run the project.

There is one more substitute for npm that’s “[yarn](#)”.

“[ng serve](#)” can be “[yarn serve](#)”.

Let’s open <http://localhost:4200>



Adding Spartacus in our application

Currently the latest Spartacus version is 4^. But we are going to work with 3^.

Lets add Spartacus in our application

<https://sap.github.io/spartacus-docs/building-the-spartacus-storefront-from-libraries-4-x/>

Setting Up Your Project Using Schematics

Run the following command to install the latest official release of Spartacus using schematics:

ng add @spartacus/schematics

We are not using @latest since we don't want to install latest summary

Check the final outcome!

Change the baseUrl with working URL.

<https://spartacus-demo.eastus.cloudapp.azure.com:8443>

Open <http://localhost:4200>

Check the outcome.

Exercise day 1

Rules:

- You can always take help from internet.
 - Do it at least once.
-
1. How does angular execute and run on browser? Please read about it.
 2. Using “ng generate” CLI command generate,
 - a) Your first angular Module
 - b) Your first angular Component
 - c) Your first angular Service

What we will learn in next session?

- What changes Spartacus made into our application?
- How does Spartacus actually work with Hybris?
- Basesites, Contexts and URLs for Spartacus

The image features a dark blue background with four decorative geometric patterns in the corners. The top-right corner has a teal diamond grid pattern. The bottom-left corner has a teal stepped line pattern. The bottom-right corner has a teal zigzag line pattern. The top-left corner is empty. In the center, the text "Thank you !" is written in a bold, orange, sans-serif font. Below the text is a short, horizontal orange line.

Thank you !
