

EXERCISE 10A - Get Set to Use SAP Cloud SDK for JavaScript

SAP Partner Workshop



10 min

Description

In this exercise, you'll learn how

- How to install **Node.js**, a JavaScript runtime for executing JavaScript code outside of a browser
- How to install **npm**, the node package manager for maintaining Node.js projects and their dependencies
- How to install **cf CLI**, the command line interface for interacting with Cloud Foundry

Target group

- Developers
- People interested in learning about S/4HANA Cloud SDK for JavaScript.

Goal

The goal of this exercise is to set up the system to use SAP Cloud SDK for JavaScript.

Prerequisites

NA

Steps

1. [Node.js and npm](#)
2. [SAP Cloud Platform Account](#)
3. [Cloud Foundry command line interface.](#)
4. [Editor or IDE](#)

Step 1: Node.js and npm

You should have **Node.js** and **npm** installed. To see whether you already have **Node.js** and **npm** installed and check the installed version, run the following commands on the command line:

Shell

```
1 | node -v
2 | npm -v
```

If one of those commands fails because the command was not found you will have to install **Node.js**. We recommend using at least **Node.js** version 11.0.0 and **npm** version 6.0.0. The latest LTS version (10.15.3 as of today), will also work. If you have **Node.js** and **npm** installed at a current version, skip ahead and mark this step as done.

Install Node.js and npm

We recommend to install **Node.js** using a [package manager](#) or a node version manager suitable for your platform. You are free to use an [installer](#), though. **npm** will automatically be installed together with **Node.js**. **npm** can be updated by running `npm install -g npm` from your command line.

Step 2: SAP Cloud Platform account

For deploying your application to Cloud Foundry in SAP Cloud Platform, you will need an account. You can get a trial account [here](#) by clicking on “Start your free trial” or use an existing account, if you already have one.

Step 3: Cloud Foundry command line interface

You will need the Cloud Foundry command line interface (cf CLI) to later deploy your application to SAP Cloud Platform. To see whether it is already installed, you can run `cf -v` on your command line. If the command fails, you will need to install it.

You can find installation instructions for all common platforms in the [Cloud Foundry documentation](#). Again, we recommend to use a package manager for that. If you are using chocolatey on Windows, please find the instructions [here](#).

Step 4: Editor / IDE

Feel free to choose your favorite IDE. We recommend using [Visual Studio Code](#) for its excellent JavaScript and TypeScript support. However, this tutorial does not rely on any specific editor.

That's it, you are now ready to start developing your own application with the SAP S/4HANA Cloud SDK for JavaScript!

You can proceed to exercise 10B.