Instrument your BTP based Custom application with the help of Open Telemetry for SAP Cloud ALM

Pre-requisites Installation Guide

For the ALM Summit hands-on session " Instrument your BTP based Custom application with the help of Open Telemetry for SAP Cloud ALM", you will need to install several tools and dependencies to participate in the hands-on sessions. This guide will walk you through the installation process for each of the required tools on Windows, macOS, and Linux.

- 1 Git
- 2 Node.js v18
- 3 Visual Studio Code (VS Code)
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Git

To install Git, follow these steps:

Windows

Download the latest Git for Windows installer from the official Git website (https://git-scm.com/download/win). Run the installer and follow the on-screen instructions.

macOS:

Open the Terminal application and run the following command to install Git using Homebrew (a popular package manager for macOS):

```
brew install git
```

Linux

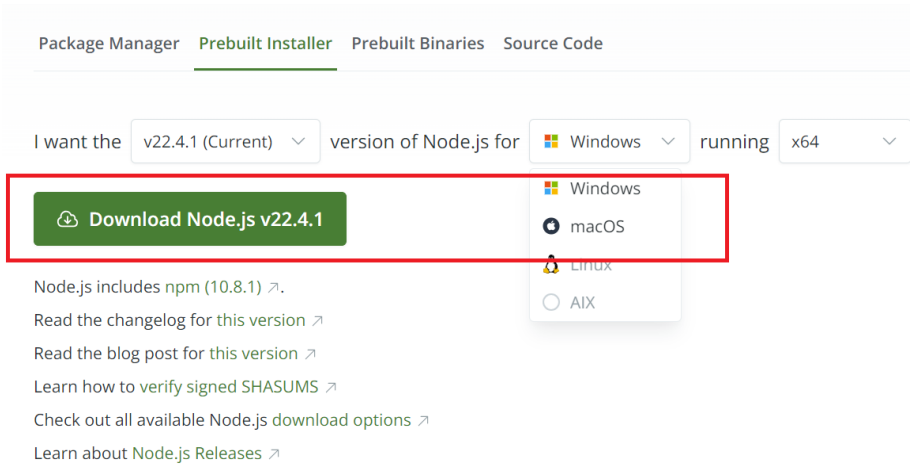
The installation process for Git on Linux varies depending on your distribution. For example, on Ubuntu, you can install Git using the following command:

```
sudo apt-get install git
```

For other Linux distributions, refer to your package manager's documentation.

Node.js v18

Windows: Visit the official Node.js website (https://nodejs.org/en/download/) and download the Windows installer for the latest LTS (Long-Term Support) version of Node.js (v18.x). Run the installer and follow the on-screen instructions.



macOS: Open the Terminal application and run the following command to install Node.js v18 using Homebrew:

```
brew install node@18
```

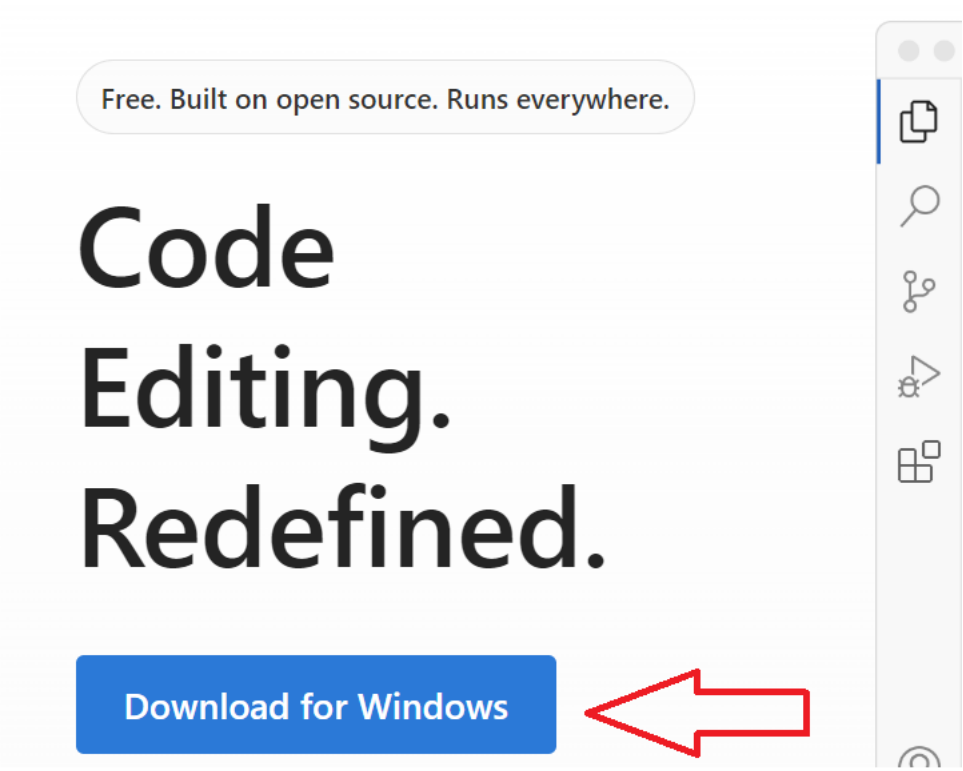
Linux: The installation process for Node.js on Linux varies depending on your distribution. For example, on Ubuntu, you can use the following commands:

```
curl -fsSL https://deb.nodesource.com/setup_18.x | sudo -E bash -

sudo apt-get install -y nodejs
```

For other Linux distributions, refer to the Node.js documentation for your specific distribution.

Visual Studio Code (VS Code)

Windows: Visit the official Visual Studio Code website (https://code.visualstudio.com/) and download the installer for Windows. Run the installer and follow the on-screen instructions.



macOS: Visit the official Visual Studio Code website (https://code.visualstudio.com/) and download the installer for macOS. Run the installer and follow the on-screen instructions.

Linux: Visit the official Visual Studio Code website (https://code.visualstudio.com/) and download the installer for your Linux distribution. Run the installer and follow the on-screen instructions.

Cloud Foundry CLI (cf CLI)

Windows: Visit the Cloud Foundry CLI downloads page (https://github.com/cloudfoundry/cli/releases) and download the latest Windows installer. Run the installer and follow the on-screen instructions.

v8.7.11 Latest

Package Manager Installation

- apt-get, yum, homebrew

Installers

- Debian 64 bit / 32 bit / arm64 (deb)
- Redhat 64 bit / 32 bit / aarch64 (rpm)
- macOS 64 bit / arm (pkg)
- Windows 64 bit / 32 bit (zip)

Binaries

- Linux 64 bit / 32 bit / arm64 (tgz)
- macOS 64 bit / arm (tgz)
- Windows 64 bit / 32 bit (zip)

macOS: Open the Terminal application and run the following command to install the Cloud Foundry CLI using Homebrew:

```
brew install cloudfoundry/tap/cf-cli
```

Linux: The installation process for the Cloud Foundry CLI on Linux varies depending on your distribution. For example, on Ubuntu, you can use the following commands:

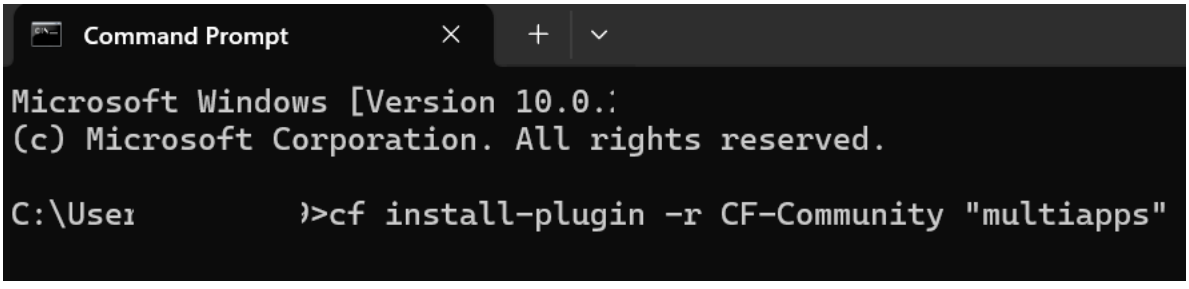
```
sudo apt-get update

sudo apt-get install -y apt-transport-https

wget -q -O - ttps://packages.cloudfoundry.org/debian/cli.cloudfoundry.org.key | sudo apt-key add -

echo "deb https://packages.cloudfoundry.org/debian stable main" | sudo tee /etc/apt/sources.list.d/cloudfoundry-cli.list

sudo apt-get update

sudo apt-get install cf-cli
```

For other Linux distributions, refer to the Cloud Foundry CLI documentation for your specific distribution.

Cloud Foundry Multiapps Plugin

Windows/macOS/Linux: Open a terminal or command prompt and run the following command to install the Cloud Foundry Multiapps plugin:

```
cf install-plugin -r CF-Community "multiapps"
```



Cloud Build MBT Tool

Windows/macOS/Linux: Visit the Cloud Build MBT Tool GitHub repository (https://github.com/SAP/cloud-mta-build-tool) and follow the installation instructions for your operating system.

Make Tool

Windows: The Make tool is typically not pre-installed on Windows. You can install it using a package manager like Chocolatey. Open an elevated command prompt and run the following command:

```
choco install make
```

macOS: The Make tool is typically pre-installed on macOS. You can verify its installation by running the following command in the Terminal:

```
make --version
```

Linux: The Make tool is typically pre-installed on most Linux distributions. You can verify its installation by running the following command in the terminal:

```
make --version
```

If the Make tool is not installed, you can install it using your distribution's package manager. For example, on Ubuntu, you can run the following command:

```
sudo apt-get install make
```

That's it! You have now installed all the necessary tools to get started. If you have any further questions or need additional assistance, please don't hesitate to reach out to the support.