03. Tools Installation

Tools required

1. Java

1. Pentaho Community Edition

    a. Go to https://www.hitachivantara.com/en-us/products/pentaho-plus-platform/data-integration-analytics/pentaho-community-edition.html and download the **pdi-ce-9.4.0.0-343.zip.** Extract the zip file and open spoon.bat (Windows Batch File) to open the Pentaho application. Scoop is a GUI for Pentaho

2. PostgreSQL

   a. Go to https://www.enterprisedb.com/downloads/postgres-postgresql-downloads and download the winows version or platform specific version

   b. Provide a *password*

   c. Keep all defaults with port 5432, default locale

   d. Open pgAdmin which is a GUI for PostgreSQL and enter the password which we set during installation

Trouble shooting

Pentaho for Mac M1/M2: Installation & Troubleshooting

Pentaho works well on Windows, Linux, and Mac - if you have an Intel chip. But, if you have a newer Mac with an M1 chip, you might face some issues. This is how we can solve them.

Do I have Mac M1/M2 chipset?

To check your chipset follow these steps:

1. Open the Apple menu on the top left side of your screen.

2. Click "About This Mac".

3. Look for the line that says "Chip".

4. If the line contains "M1/M2", the machine is running Apple Silicon M1/M2.

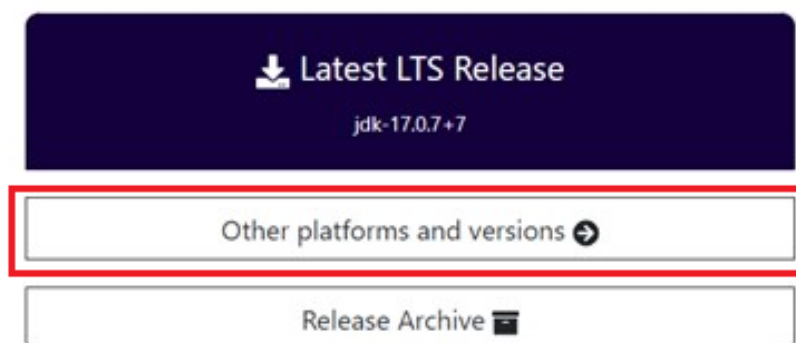If you are using a Mac system with M1/M2 chipset, pls follow the below steps:

Step 1: Install Java

Install the latest version of Java. If you already have it installed, you can skip this step and proceed directly to step 2.
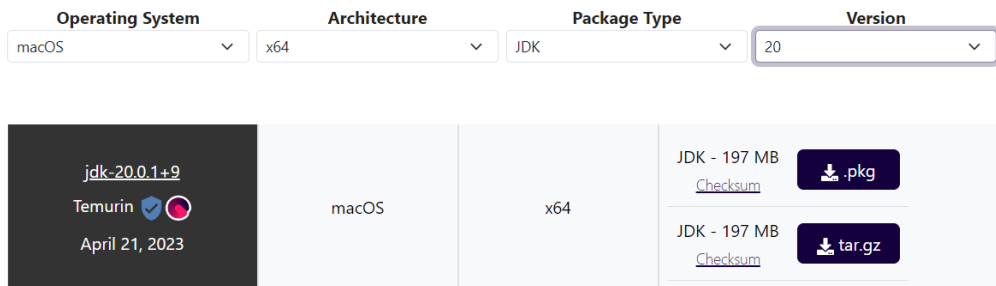
If you do not have Java installed,

1. Go to https://adoptium.net/

2. Select other platforms and versions.

3. Enter in your system details and select the latest JDK version. Download the .pkg file.

Operating System	Architecture	Package Type	Version
macOS ⌄	x64 ⌄	JDK ⌄	20 ⌄

jdk-20.0.1+9 Temurin ✓ ● April 21, 2023	macOS	x64	JDK - 197 MB Checksum	⬇ .pkg
			JDK - 197 MB Checksum	⬇ tar.gz

4. Follow and complete the installation steps as prompted.

On the last screen, before closing the window, copy the location where the files are installed. (See highlighted text in the screen below.)
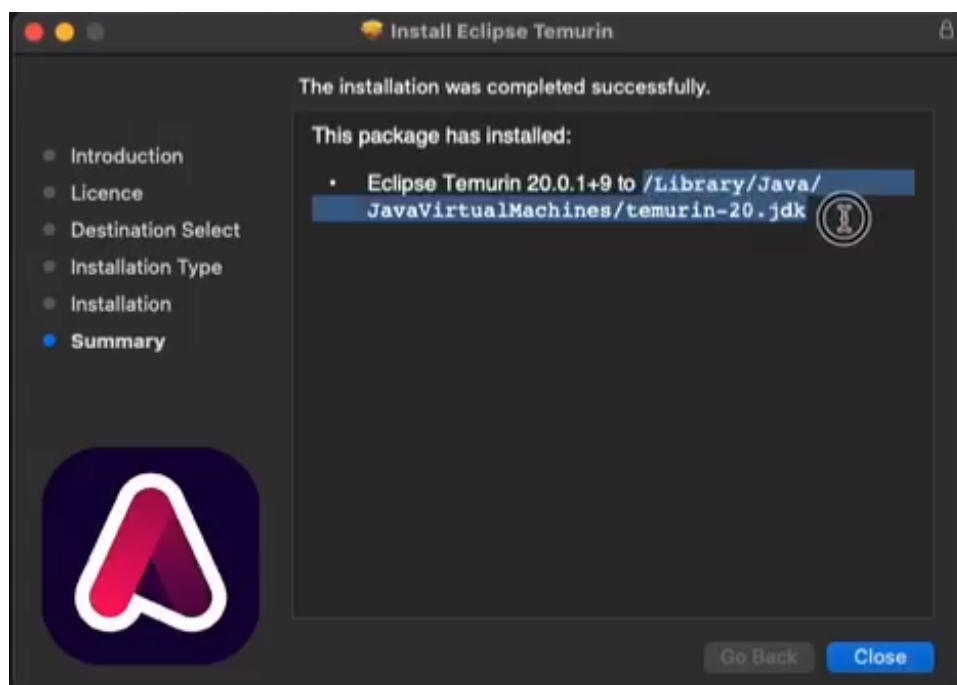
5. Open the terminal, and type- `vim ~/.zshrc`

The vim editor should open in the terminal.

Press 'i' to insert text.

Then run this type: `export JAVA_HOME=<<your copied file path>>/Contents/Home`

Then save and quit the vim editor. (press Esc, then type- `:wq` and hit enter)

Lastly, restart your terminal.

```
export JAVE_HOME=/Library/Java/JavaVirtualMachines/temurin-20.jdk/Contents/Home
```
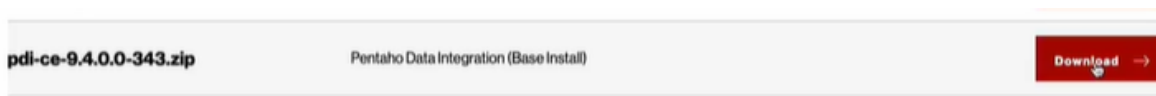
That's it! Your Java installation is complete.

Step 2: Install Pentaho

Once you have installed Java, you can proceed to install Pentaho.

Remember that Java installation is essential before installing Pentaho.

1. Go to this website: https://www.hitachivantara.com/en-us/products/pentaho-platform/data-integration-analytics/pentaho-community-edition.html

2. Click on 'Download Now' and select the latest version.

3. Once the download is complete, open and extract the .zip file.

4. Then in the terminal, type `cd` `<<downloaded file location>>` .

5. After that, run `./spoon.sh`

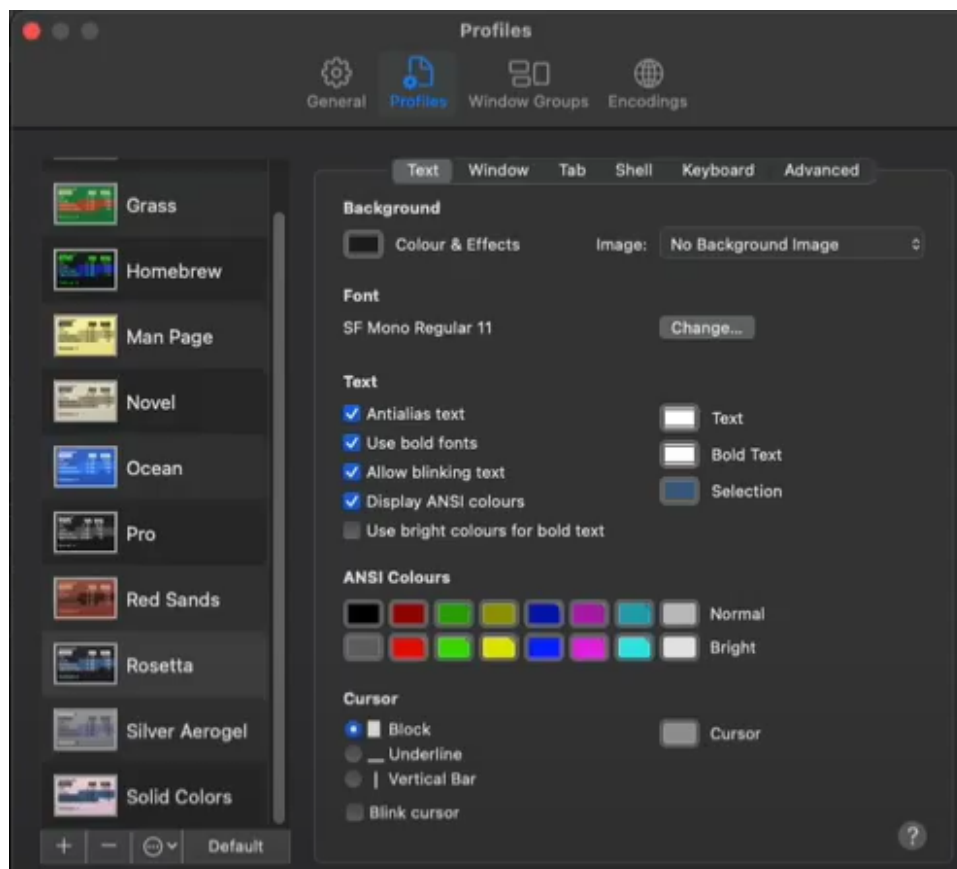You will see an error message as shown below.
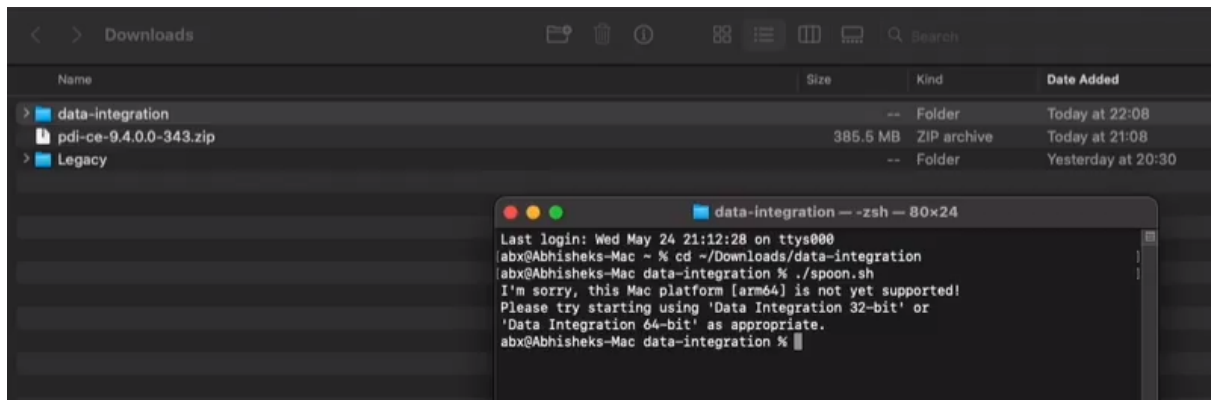
This error is because Pentaho does not support Apple M1/ M2 chipset (which uses arm architecture).

To overcome this, we will use Rosetta.

6. Go to terminal menu >> settings >> Profiles >> Click on the '+' symbol in the bottom left corner to add a new profile.
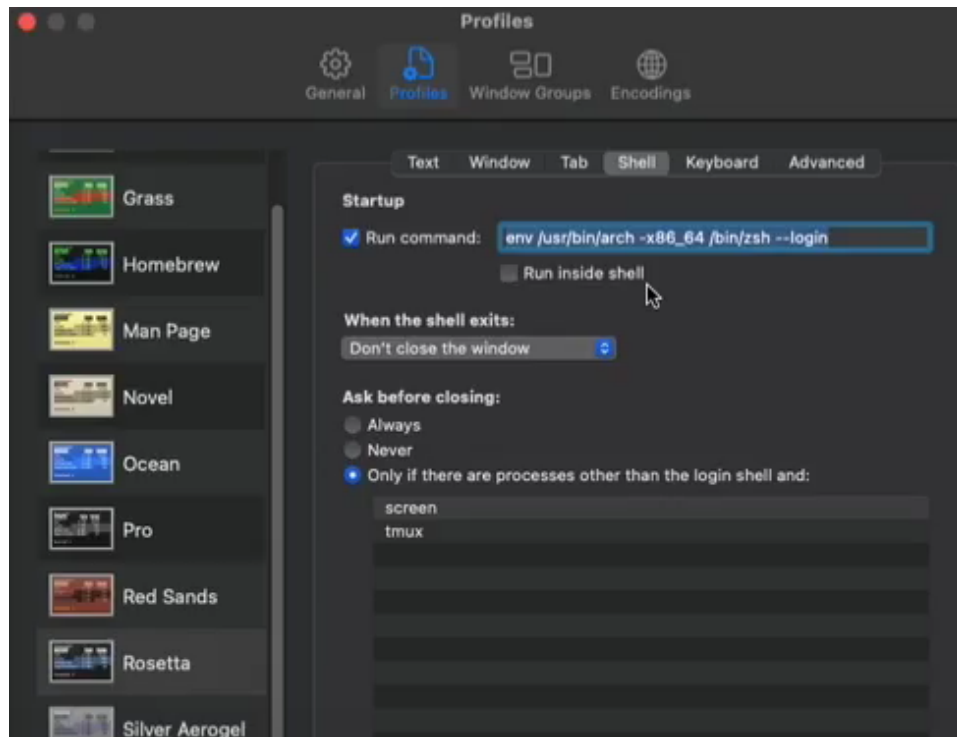
7. Name the new profile as 'Rosetta' (or anything else as per your choice).

8. Next, go to shell tab, check the run command, and then type-

```
env /usr/bin/arch -x86_64 /bin/zsh --login
```
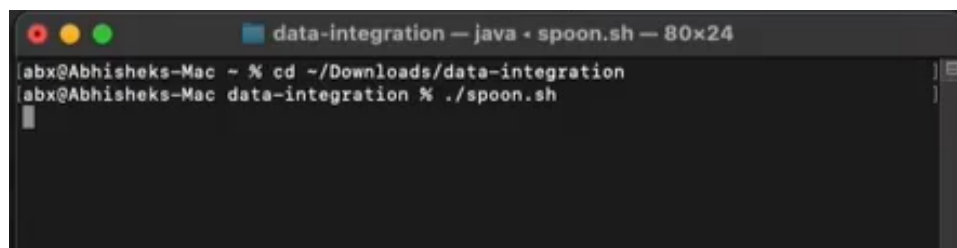
9. Uncheck the run inside shell checkbox.

10. Next, double click the icon beside the Rosetta text to open terminal using the Rosetta profile that you just created.
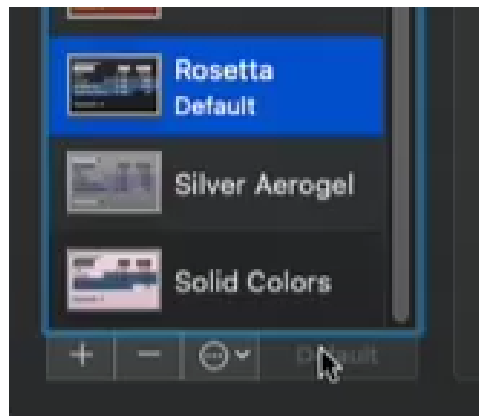
11. In the new launched terminal, type- cd <<downloaded file location>>

12. After that, run `./spoon.sh`

13. The Pentaho Data Integration window should open after a few moments.

14. To open Pentaho using Rosetta terminal, without going to the profiles window from next time onwards, set the Rosetta profile as default.

Now, whenever you launch the terminal, it will automatically include the Rosetta profile.

That's it. Pentaho installation is now complete!