**Foundry setup**

**Installing Foundry**

With our terminal set and some tips up our sleeve, let's progress to installing Foundry. Navigate to the [Foundry website](https://book.getfoundry.sh/getting-started/installation) and from the installation tab, fetch the command to install Foundry.

The command would look something like this:

curl -L https://foundry.paradigm.xyz | bash

Hit Enter after pasting this in your terminal.

**Note:** You must have Internet access for this to work as it's downloading Foundry from their official website.

**Verifying Your Installation**

After running the curl command, an output will appear at the bottom of your terminal indicating the detected shell and the fact that Foundry has been added to your Path.

For instance, the output can be something like this:

Detected your preferred shell is bashrc and added Foundry to Path run:source /home/user/.bashrcStart

a new terminal session to use Foundry

Now, simply type foundryup and Enter to install and update Foundry to the latest version. Whenever you want to install an update for Foundry, simply run foundryup again.

This will install four components: forge, cast, anvil, and chisel. To confirm the successful installation, run forge --version. You should get an output indicating the Forge version as shown below.

Forge version x.x.x

Now, here's something to remember: when you hit the trash can in the top right, it literally 'removes' the terminal. The X button, in contrast, simply hides it.

**Is Foundry Up Not Running?**

Don't panic if this command doesn't run. You might have an issue with your path, and you might need to add Foundry to your path. In case you run into this issue, check lesson 6 of the GitHub repo associated with this course. If no debugging tips are available there, feel free to start a discussion on the course's GitHub repo. Before doing so, make sure to check if a similar discussion already exists.

Try typing forge --version into your terminal. Have you received an unwelcome output saying Forge command found? This implies that you have to rerun the source command that Foundry offered during installation.

Note: Most of the time the bashrc file gets loaded automatically. However, if this doesn't apply to your setup, the following lines can add the required command to the end of your Bash profile. This will ensure that your bashrc file loads by default.

cd ~

echo 'source /home/user/.bashrc' >> ~/.bash\_profile

this depends on your operating system, please check foundry docs to see detailed instructions.