Manual Installation of .NET SDK in Linux

If you've already installed one or more .NET SDK versions via the package manager, uninstall them before proceeding.

Download the SDK versions you want to install from here. For this example, I'll be installing .NET 8 and .NET 10, downloaded as **dotnet-sdk-8.0.416-linux-x64.tar.gz** and **dotnet-sdk-10.0.100-linux-x64.tar.gz**, respectively.

Open a terminal.

If ~/.dotnet already exists (from a previous installation), remove it:

```
rm -rf ~/.dotnet
```

Create a new, empty .dotnet directory:

```
mkdir ~/.dotnet
```

Extract the SDK archive(s) into the .dotnet directory:

```
tar zxf dotnet-sdk-8.0.416-linux-x64.tar.gz -C ~/.dotnet/
tar zxf dotnet-sdk-10.0.100-linux-x64.tar.gz -C ~/.dotnet/
```

Add to .profile:

```
export DOTNET_ROOT=$HOME/.dotnet
export PATH=$PATH:$DOTNET_ROOT:$DOTNET_ROOT/tools
export DOTNET_WATCH_RESTART_ON_RUDE_EDIT=1
```

Restart to apply the new .profile settings.

Open a new terminal and verify that the dotnet CLI is working correctly:

```
dotnet --list-sdks
```

You should see something like this:

```
8.0.416 [/home/username/.dotnet/sdk]
10.0.100 [/home/username/.dotnet/sdk]
```

Taken from here:
https://learn.microsoft.com/en-us/dotnet/core/install/linux-scripted-manual#manual-install

dotnet

From:
https://www.kbase.devtoprd.com/ - **Knowledge Base**

Permanent link:
https://www.kbase.devtoprd.com/doku.php?id=manual_install_dotnet_sdk_linux

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