

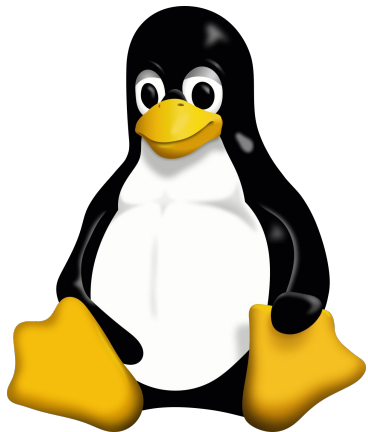
How to Install MPI



How to Install MPI on Linux



First of all, let us see how we can install MPI on Linux systems.



How to Install MPI on Linux



1 - Open the terminal of our system.

2 - Update our package list information:

```
sudo apt update
```

3 - Install MPI:

```
sudo apt install mpich
```

How to Install MPI on Linux



If we get the dependencies error we only need to run:

```
sudo apt --fix-broken install
```

And then proceed with the installation:

```
sudo apt install mpich
```

How to Install MPI on MacOS



Let us now see how we can install MPI on MacOS.



How to Install MPI on MacOS



We can use Homebrew package manager

```
brew install mpich
```

If we do not have Homebrew, we can install it:

```
/bin/bash -c "$(curl -fsSL  
https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

Alternatives for Windows



MPI is not officially supported on Windows to the same extent as it is on Linux and MacOS.



Alternatives for Windows



Two alternatives are proposed:

- Windows Subsystem for Linux.
- Use a virtual machine like VMware or Virtualbox.

