

Setting up Pajek on Linux 2.0: a tutorial

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1 Introduction

I was really interested in using [Pajek](#) a long time ago. As I am trying also Linux for the first time, I wanted to install it in it. Although it still runs only in windows, now it is easier to install it in Linux. Here we have a simply tutorial on how to do that. In that sense, I am just updating a [past document](#).

As in the past document, the main workflow is as follows:

1. Download and install Wine
2. Download and install Pajek using Wine

There is not hacker-magic involved in this process, as you may notice later in the document. Nonetheless, if you are new to either Pajek or Linux this tutorial may be useful. This may seem obivous, but the code presented here has to be executed in the bash.

2 Wine

2.1 Wine Intro

[Wine](#) (not an emulator!!!!) is, in a few words, a program that allows you to run Windows applications in Linux or macOS. It seems to be an interesting project so I recomend you to take a look and, if possible, to support it.

There are lots of Youtube videos to install Wine. I will summarize the general process:

1. go to the [download page](#)
2. choose the Binary Packages that work better for your distro.
3. indentify the distribution name
4. follow the specific instructions

2.2 Example

Choose the Binary in

WineHQ Binary Packages

These packages are built and supported by WineHQ. Please report any problems with them in WineHQ's bugzilla.

	Ubuntu - WineHQ binary packages for Ubuntu 22.04, 24.04, 25.04 and 25.10	Maintainers: Rosanne DiMasio, Marcus Meissner
	Debian - WineHQ binary packages for Debian Bookworm, Trixie and Forky	
	Fedora - WineHQ binary packages for Fedora 42 and 43	
	macOS - WineHQ binary packages for macOS 10.15.4 and later	Maintainer: Dean Greer

After that, you identify your distro with:

```
cat /etc/os-release
```

Then create the folder with:

```
sudo mkdir -pm755 /etc/apt/keyrings
```

And add the repository key with:

```
wget -O - https://dl.winehq.org/wine-builds/winehq.key |  
sudo gpg --dearmor -o /etc/apt/keyrings/winehq-archive.key -
```

(Keep in mind that this is one code. I divided because it went beyond the margins)

In this part I got stucked because I had to put my password. So, if for some reason it does not work, wait and try that!

Then you select your distro. In my case was Noble and I did this:

```
sudo dpkg --add-architecture i386
```

After enabling the 32-bit repository, you add the sources file:

```
sudo wget -NP /etc/apt/sources.list.d/  
https://dl.winehq.org/wine-builds/ubuntu/dists/noble/winehq-noble.sources
```

(Keep in mind that this is one code. I divided because it went beyond the margins)

Finally, you install the package. I recommend to install the Stable branch with

```
sudo apt install --install-recommends winehq-stable
```

And you did it! :D

Now you have Wine in your computer. I am only using it for Pajek, but you may use it for whatever you want... who knows...!

Remember, if this tutorial is not enough, you can always go to the Wine page.

3 Pajek

3.1 Pajek Intro

Pajek is an interesting software for network analysis and visualization. I found it really useful because it works for people interested in network analysis in any level.

The workflow to install Pajek is as easy as the previous workflow.

1. Download the .exe document from the Pajek page.
2. Install it using Wine
3. Run it!

3.2 Example

I recommend to install the 32bit. So, download it from the the “Install Shield” link

	Ver.	32 bit	64 bit
Jan 1, 2026	6.02	Web Start  <hr/> <u>Install Shield</u> <u>Install-Zip</u> <u>Portable</u>	Web Start  <hr/> <u>Install Shield</u> <u>Install-Zip</u> <u>Portable</u>
2018	<u>Pajek Book Edition 3</u>		
pajek@list.fmf.uni-lj.si		<u>Datasets</u>	

I am used to save each program I install in a specific folder. Nonetheless, let's assume that it is on the home. Install it with:

```
wine Pajek32.exe
```

Then you will see the windows installer window. You can follow it normally, no magic, no code, no bash. Then, it will take some time. At least it took to me!

After that you can run pajek using Wine. Remember: you have to open it from the terminal. So, you can do:

```
wine ".wine/drive_c/Program Files (x86)/Pajek/Pajek.exe"
```

In that part we are referencing to the executable that is in the windows part wine created for it.

And that's it! Now you can run pajek on linux!

