

How to install Windows Game on Linux with Winepak

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Flatpak is a universal format of Linux. This is a favorite option of third-party vendors and proprietary software developers because it allows them to package Linux programs once and distribute them on all Linux versions.

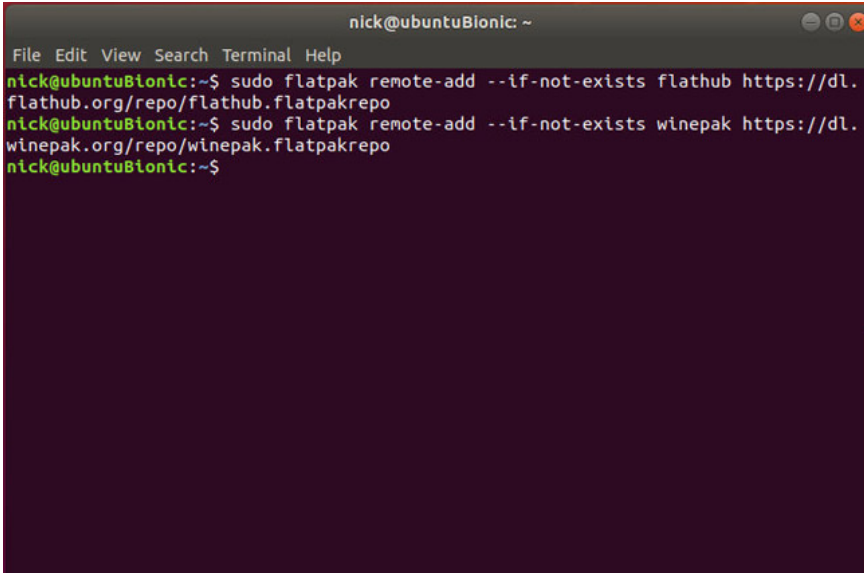
Recently, some creative developers decided to adopt that philosophy to run Windows games on Linux with Wine. Each game needs its own unique configuration to run and not for many users. However, with Flatpak, developers can package that configuration and allow you to install Wine games just like any other Linux application. They named this process Winepak.

Install Flatpak

Of course, the first thing you need is Flatpak. It is available, so please install it with Apt.

```
sudo apt install flatpak
```

Add the repository

A terminal window titled 'nick@ubuntuBionic: ~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
nick@ubuntuBionic:~$ sudo flatpak remote-add --if-not-exists flathub https://dl.flathub.org/repo/flathub.flatpakrepo
nick@ubuntuBionic:~$ sudo flatpak remote-add --if-not-exists winepak https://dl.winepak.org/repo/winepak.flatpakrepo
nick@ubuntuBionic:~$
```

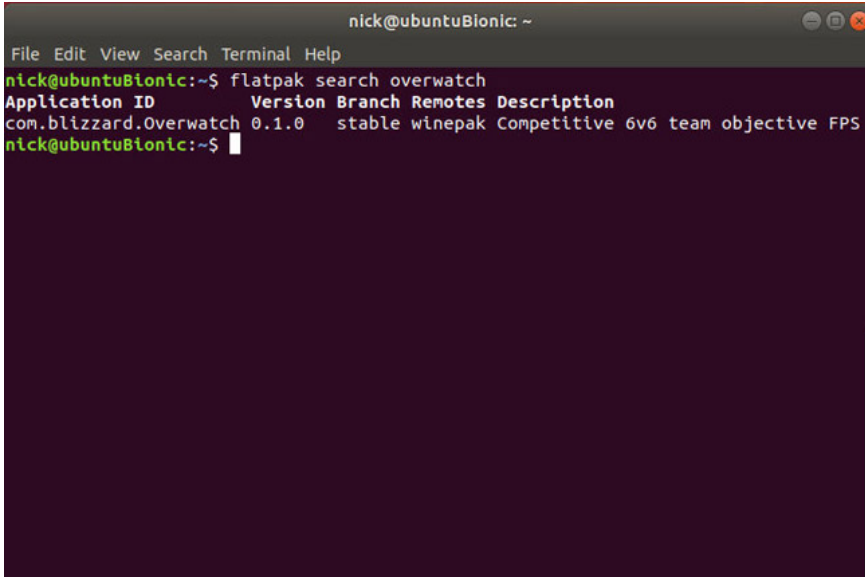
Adding a Flatpak repository is not like adding an Ubuntu repository or a regular PPA. Instead, they are called " **remote** " and you add them to Flatpak with a simple command. First, add the **Flathub repo** . Flathub is the biggest remote for **Flatpak** , and you can treat it as the main remote.

```
sudo remote-add flatpak --if-not-exists flathubhttps://dl.flathub.org/repo/fla
```

Next, add Winepak.

```
sudo-remote flatpak add --if-not-exists winepak https://dl.winepak.org/repo/wi
```

Search for a game



```
nick@ubuntuBionic: ~  
File Edit View Search Terminal Help  
nick@ubuntuBionic:~$ flatpak search overwatch  
Application ID      Version Branch Remotes Description  
com.blizzard.Overwatch 0.1.0 stable winepak Competitive 6v6 team objective FPS  
nick@ubuntuBionic:~$
```

The best way to find what you need with Winepak, or Flatpak in general, is to embark on search. Flatpak comes with a pretty powerful search function, considering all the remote for the software that matches what you have entered. Try to find a game. Remember that Winepak is still in beta, so the number of available games is limited. Blizzard games are gaining a lot of attention, so it's safer to try one of these games.

```
flatpak search overwatch
```

The search will take some time. Flatpak must search through all its remote. When completed, it outputs a result table. The most important things to note are ' **Application ID** ' and ' **Remotes** '. Those are the information you need to install your application.

Install the game

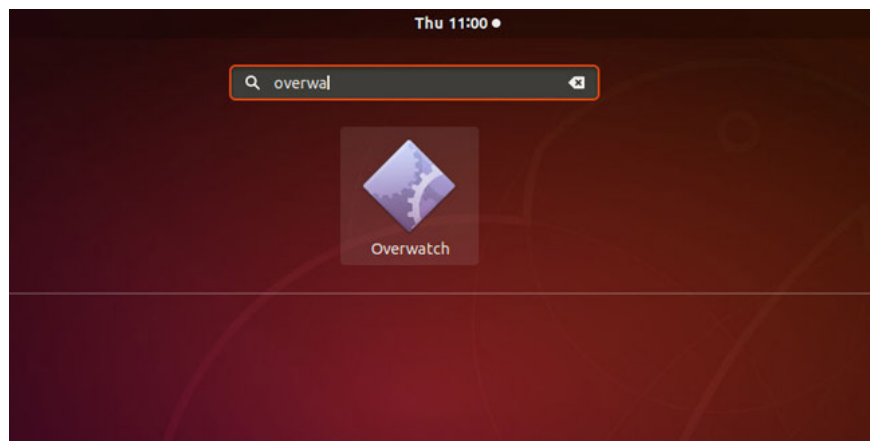
```
nick@ubuntuBionic: ~  
File Edit View Search Terminal Help  
nick@ubuntuBionic:~$ flatpak search overwatch  
Application ID      Version Branch Remotes Description  
com.blizzard.Overwatch 0.1.0 stable winepak Competitive 6v6 team objective FPS  
nick@ubuntuBionic:~$ sudo flatpak install winepak com.blizzard.Overwatch  
Required runtime for com.blizzard.Overwatch/x86_64/stable (org.winepak.Platform/x86_64/3.0) is not installed, searching...  
Found in remote winepak, do you want to install it? [y/n]: y  
Installing: org.winepak.Platform/x86_64/3.0 from winepak  
[## ] Downloading: 4.9 MB/438.2 MB (1.6 MB/s)
```

Once you've found the game you want, you can install it with Flatpak. Like any other Linux application, you only need to enter a single command:

```
sudo flatpak install winepak com.blizzard.Overwatch
```

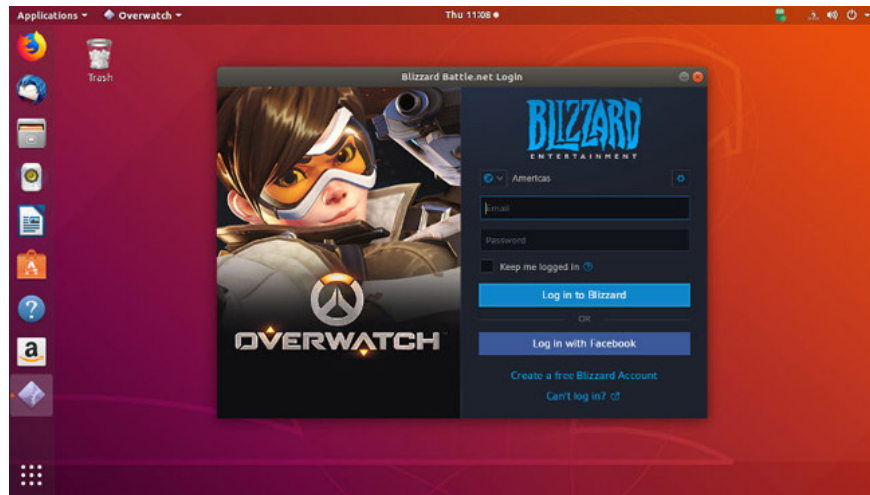
This format is quite easy. That is the installation command, followed by the name of the remote and application ID. In the case of example with Overwatch, the installer has started Battle.net application. If you are following this tutorial, you will install Battle.net just like on Windows. The installer will continue to take the next steps when you are finished.

Run your game



You are ready to open your game and run it. It will be listed under the app launcher like other Linux applications. It also has its own unique logo. Overwatch in this case remains the same, but may change after an update.

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The game will launch like on Windows. Overwatch is a good example of the shortcomings of a system like this. There is really no complete installation script to have the active Wine configuration and Battle.net Application. You can log in to your Blizzard account and download Overwatch via the app. The good news is that it will work fine when you launch it, thanks to the Wine configuration that the installer did.

Winepak is still very new, but as you can see, it has a lot of potential to eliminate barriers to joining Wine. Stay tuned for updates from Winepak in the near future!

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