

# Introduction to Kivy

Kivy:-

Kivy is a graphical user interface open-source Python library that allows you to develop multi-platform applications on Windows, macOS, Android, iOS, Linux, and Raspberry Pi.

The best thing about Kivy is, it performs better than HTML5 cross-platform alternatives.

Note:- that is necessary to have Python 3 on your machine to make use of library.

## 1) Installation in Windows:-

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• Step 1:- Update the pip and wheel before installing Kivy by entering this command in cmd:-

⇒ `python -m pip install --upgrade pip wheel setuptools`

• Step 2:- Install the dependencies:-

⇒ `python -m pip install docutils pygments`

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`pywin32 Kivy.deps.sdl2`  
`Kivy.deps.glew`

April'2011

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⇒ `python -m pip install Kivy.deps.gstreamer`  
gstreamer



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⇒ python -m pip install kivy.deps.angle

• Step 3:- Install kivy

⇒ python -m pip install kivy

\* Installation in Linux:-

• Step 1:- Add the PPA by entering this command in terminal

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\$ sudo add-apt-repository ppa:kivy-team/kivy

• Step 2:- Update your package list using your package manager-

\$ sudo apt-get update

• Step 3:- Install kivy

\$ sudo apt-get install python3-kivy

All in one command-

⇒ pip install kivy

March'2011

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