

## Pyqt5 terminal widget

Before discussing about "pyqt5 terminal widget" we must know about pyqt5.

Pyqt5 is a library or a version of graphical user interface widgets toolkit is developed by riverbank computing. It is one of the most significant and unique platform graphical user interface library.

Pyqt5 is mainly used for desktop applications. Widgets play an important role in graphical user interface. Have you seen any website which consists of clocks, calendars and even a weather display how amazing it is to have them in our website! These are called "widgets".

Widgets are simple software application intended to one or more platforms. Widgets take real-time data from websites and improve that websites to make more user interactions. To improve your website widgets can help to lead users to new section of the site.

A terminal widget is a project. Originally based on the KDE4 application. The purpose of this project is to provide a Unicode "widget" for using as a built in console. This terminal widget is used to display and control the remote terminal like zooms in text and zooms out in the text.

For example if we take qt consoler for jupyter it is very good application that feels like a terminal but it provides number of enhancements which are only possible in graphical user interface Such as proper multiline editing with highlighting the syntax etc.

But there are few drawbacks in qterm widget

1. Lack of documentation.
2. It is not used in pyside.
3. It has no auto wrap reflow on resize.