
Pyforms GUI Documentation

Release 4.0

Ricardo Jorge Vieira Ribeiro

Feb 08, 2019

PyForms GUI

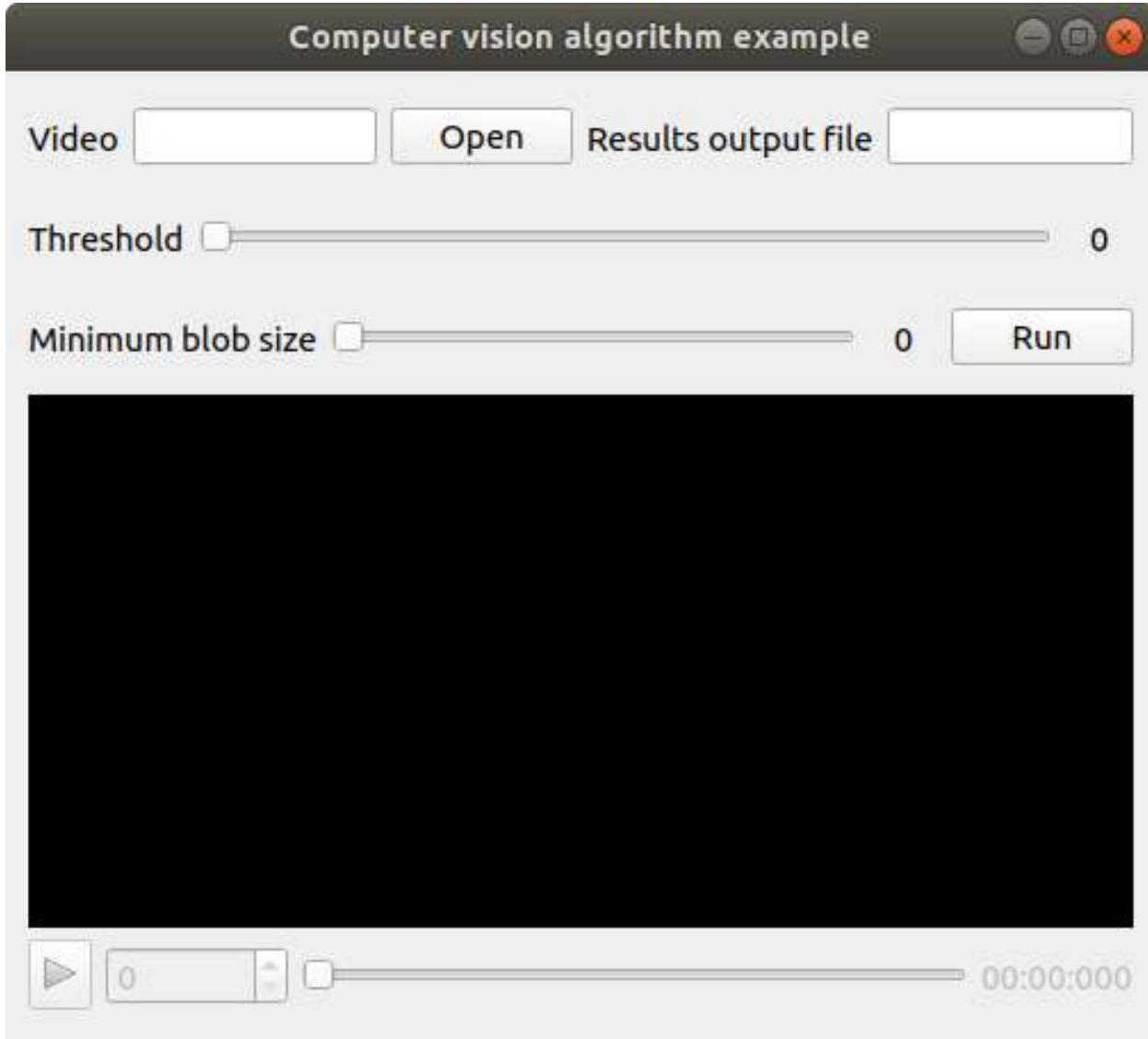
1 Overview	3
1.1 Pyforms GUI	3
1.2 Pyforms	3
1.3 Developer	4
2 Install & configure	5
3 First application	7
3.1 Create the first app	7
4 The basic	11
4.1 Prepare the application class	11
4.1.1 Import the library	11
4.1.2 Create your application class.	11
4.1.2.1 Add an action to the button	12
4.2 Create the action	12
4.3 Set the button action	12
4.3.1 Move to the next chapter.	16
4.3.2 Find out what you can do with other Controls here.	16
5 Multiple windows	19
5.1 Create the Model	19
5.1.1 Data model	19
5.1.2 Let's go for the GUI	20
5.1.3 Implement the GUI to manage the People model	21
5.2 EmptyWidget Control	22
5.3 DockWidget Control	23
6 Mdi Applications	27
7 Style and layout with CSS	29
8 Python	31
8.1 BaseWidget	31
8.1.1 Overview	31
8.1.2 API	31
8.2 Controls	32

8.2.1	ControlBase	32
8.2.2	ControlBoundingSlider	34
8.2.3	ControlButton	35
8.2.4	ControlCheckBox	35
8.2.5	ControlCheckBoxList	36
8.2.6	ControlCodeEditor	37
8.2.7	ControlCombo	38
8.2.8	ControlDir	39
8.2.9	ControlDockWidget	39
8.2.10	ControlEmptyWidget	40
8.2.11	ControlFile	40
8.2.12	ControlFilesTree	41
8.2.13	ControlImage	41
8.2.14	ControlLabel	42
8.2.15	ControlList	43
8.2.16	ControlPlayer	44
8.2.17	ControlMatplotlib	46
8.2.18	ControlMdiArea	46
8.2.19	ControlNumber	46
8.2.20	ControlPassword	47
8.2.21	ControlOpenGL	47
8.2.22	ControlProgress	48
8.2.23	ControlSlider	48
8.2.24	ControlText	49
8.2.25	ControlTextArea	49
8.2.26	ControlToolBox	49
8.2.27	ControlToolButton	50
8.2.28	ControlTree	51
8.2.29	ControlTreeView	52
8.2.30	ControlVisVis	52
8.2.31	ControlVisVisVolume	53
8.2.32	ControlWeb	53
8.2.33	ControlEventTimeline	54
8.2.34	ControlEventsGraph	55
8.3	Settings	56
8.3.1	General configurations	56
8.3.2	GUI layout	56
8.3.3	Controls	57
9	Indices and tables	59
Python Module Index		61

Pyforms GUI is Python 3 framework to allow pyforms applications to execute in Windows GUI mode.

The framework aims to boost the development productivity by providing an API in Python to allow the execution of applications developed for GUI and Web mode in terminal mode.

Source code <https://github.com/UmSenhorQualquer/pyforms-gui>



Note: This framework is a software layer part of the Pyforms framework.

Pyforms <https://pyforms.readthedocs.io>

[Click here to download full PDF material](#)