uos activpal Documentation

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1.1.1 uos_activpal.io.raw module

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1.2 uos_activpal.gui

1.2.1 uos_activpal.gui.base module

uos_activpal.gui.base.BaseMainWindow([parent])	A QMainWindow subclass which includes additional setup, mainly styling.
uos_activpal.gui.base.BaseSubWindow([parent])	A BaseMainWindow subclass desiged for creating additional windows.
uos_activpal.gui.base.BaseDialog([parent])	A QDialog subclass which includes additional setup, mainly styling.
uos_activpal.gui.base.BaseMessageDialog([...])	A BaseDialog subclass desiged for displaying messages.
uos_activpal.gui.base.BaseQuestionDialog([...])	A BaseDialog subclass desiged for asking binary (yes | no) questions.

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uos_activpal.gui.base.SpacerWidget([parent])	A Qwidget which fills horizontal and vertical space.
uos_activpal.gui.base.QuestionResponse([parent])	A combo widget designed to put a question and textbox on one line.
uos_activpal.gui.base.VQuestionResponse([parent])	A combo widget designed to stack a question on top of a textbox.

uos_activpal.gui.base.BaseMainWindow

class uos_activpal.gui.base.**BaseMainWindow**(*parent=None*)

A QMainWindow subclass which includes additional setup, mainly styling.

__init__(*parent=None*)

Create an instance of a BaseMainWindow.

Parameters **parent** (*object*) – The parent object.

Methods

__init__([parent])	Create an instance of a BaseMainWindow.
centerOnScreen()	Centers the window on the screen.

Attributes

base_geometry	*(left, top, width, height)* – The default window geometry.

uos_activpal.gui.base.BaseSubWindow

class uos_activpal.gui.base.**BaseSubWindow**(*parent=None*)

A BaseMainWindow subclass desiged for creating additional windows.

See also:

BaseDialog A QDialog subclass which includes additional setup, mainly styling.

__init__(*parent=None*)

Create an instance of a BaseSubWindow.

Parameters **parent** (*object*) – The parent object.

Methods

__init__([parent])	Create an instance of a BaseSubWindow.
centerOnScreen()	Centers the window on the screen.
closeEvent(*args, **kwargs)	Close the window.
left_button_action()	Define the left button action.
right_button_action()	Define the right button action.

Attributes

`base_geometry`	*(left, top, width, height)* – The default window geometry.

uos_activpal.gui.base.BaseDialog

class `uos_activpal.gui.base.`**`BaseDialog`**(*parent=None*)

A QDialog subclass which includes additional setup, mainly styling.

See also:

`BaseMessageDialog` A BaseDialog subclass desiged for displaying messages.

`BaseQuestionDialog` A BaseDialog subclass desiged for asking binary (yes | no) questions.

`__init__`(*parent=None*)

Create an instance of a BaseDialog.

Parameters **`parent`** (*`object`*) – The parent object.

Methods

`__init__`([parent])	Create an instance of a BaseDialog.
`centerOnScreen`()	Centers the window on the screen.
`controlbar_addWidget`(widget)	Add a widget to the controlbar.
`left_button_action`()	Define the left button action.
`main_space_addWidget`(widget)	Add a widget to the main space.
`right_button_action`()	Define the right button action.

Attributes

`base_geometry`	*(left, top, width, height)* – The default window geometry.

uos_activpal.gui.base.BaseMessageDialog

class `uos_activpal.gui.base.`**`BaseMessageDialog`**(*parent=None*, *msg=None*)

A BaseDialog subclass desiged for displaying messages.

See also:

`BaseDialog` A QDialog subclass which includes additional setup, mainly styling.

`BaseQuestionDialog` A BaseDialog subclass desiged for asking binary (yes | no) questions.

`__init__`(*parent=None*, *msg=None*)

Create an instance of a BaseMessageDialog.

Parameters

- **`parent`** (*`object`*) – The parent object.

- **msg** (*str*) – The message to display.

Methods

__init__([parent, msg])	Create an instance of a BaseMessageDialog.
centerOnScreen()	Centers the window on the screen.
controlbar_addWidget(widget)	Add a widget to the controlbar.
left_button_action()	Define the left button action.
main_space_addWidget(widget)	Add a widget to the main space.
right_button_action()	Define the right button action.
set_message(msg)	Set the message displayed by the dialog.

Attributes

base_geometry	*(left, top, width, height)* – The default window geometry.

uos_activpal.gui.base.BaseQuestionDialog

class uos_activpal.gui.base.**BaseQuestionDialog**(*parent=None*, *question=None*)

A BaseDialog subclass desiged for asking binary (yes | no) questions.

See also:

BaseDialog A QDialog subclass which includes additional setup, mainly styling.

BaseMessageDialog A BaseDialog subclass desiged for displaying messages.

__init__(*parent=None*, *question=None*)

Create an instance of a BaseQuestionDialog.

Parameters

- **parent** (*object*) – The parent object.
- **question** (*str*) – The question to display.

Methods

__init__([parent, question])	Create an instance of a BaseQuestionDialog.
centerOnScreen()	Centers the window on the screen.
controlbar_addWidget(widget)	Add a widget to the controlbar.
left_button_action()	Define the left button action.
main_space_addWidget(widget)	Add a widget to the main space.
right_button_action()	Define the right button action.
set_question(question)	Set the question displayed by the dialog.

Attributes

`base_geometry`	*(left, top, width, height)* – The default window geometry.

uos_activpal.gui.base.SpacerWidget

class `uos_activpal.gui.base.`**`SpacerWidget`**(*parent=None*)

A Qwidget which fills horizontal and vertical space.

Most useful for aligning other widgets, a spacer either side will center, a spacer on the left will align right, a spacer on the right will align left.

`__init__`(*parent=None*)

Create a SpacerWidget.

Methods

`__init__`([parent])	Create a SpacerWidget.

uos_activpal.gui.base.QuestionResponse

class `uos_activpal.gui.base.`**`QuestionResponse`**(*parent=None*)

A combo widget designed to put a question and textbox on one line.

`__init__`(*parent=None*)

Create a QuestionResponse widget.

Methods

`__init__`([parent])	Create a QuestionResponse widget.

Attributes

`layout`	*QLayout* – The QLayout used to organise the question and response.

uos_activpal.gui.base.VQuestionResponse

class `uos_activpal.gui.base.`**`VQuestionResponse`**(*parent=None*)

A combo widget designed to stack a question on top of a textbox.

`__init__`(*parent=None*)

Create a VQuestionResponse widget.

Methods

`__init__`([parent])	Create a VQuestionResponse widget.

Attributes

`layout`	*QLayout* – The QLayout used to organise the question and response.

1.2.2 uos_activpal.gui.raw_viewer module

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1.2.3 uos_activpal.gui.raw_marker module

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