

API Documentation

API Documentation

June 24, 2015

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1 Package pylottosimu

pyLottoSimu,

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1.1 Modules

- **dialog** (*Section 2, p. 4*)
 - **show_drawing**: pyLottoSimu
(*Section 3, p. 5*)
- **lottokugeln_rc** (*Section 4, p. 9*)
- **lottokugeln_rc3** (*Section 5, p. 10*)
- **lottokugeln_rc3_qt5** (*Section 6, p. 11*)
- **lottosystem**: pyLottoSimu
(*Section 7, p. 12*)
- **pylotto**: The signals for the GUI
(*Section 8, p. 17*)
- **test_drawlotto**: pyLottoSimu
(*Section 9, p. 25*)
- **test_pep8**: pyLottoSimu
(*Section 10, p. 27*)
- **test_show_drawing**: pyLottoSimu
(*Section 11, p. 29*)

1.2 Variables

Name	Description
__package__	Value: None

2 Package `pylottosimu.dialog`

2.1 Modules

- `show__drawing`: `pyLottoSimu`
(Section 3, p. 5)

2.2 Variables

Name	Description
<code>__package__</code>	Value: <code>None</code>

3 Module pylottosimu.dialog.show__drawing

pyLottoSimu

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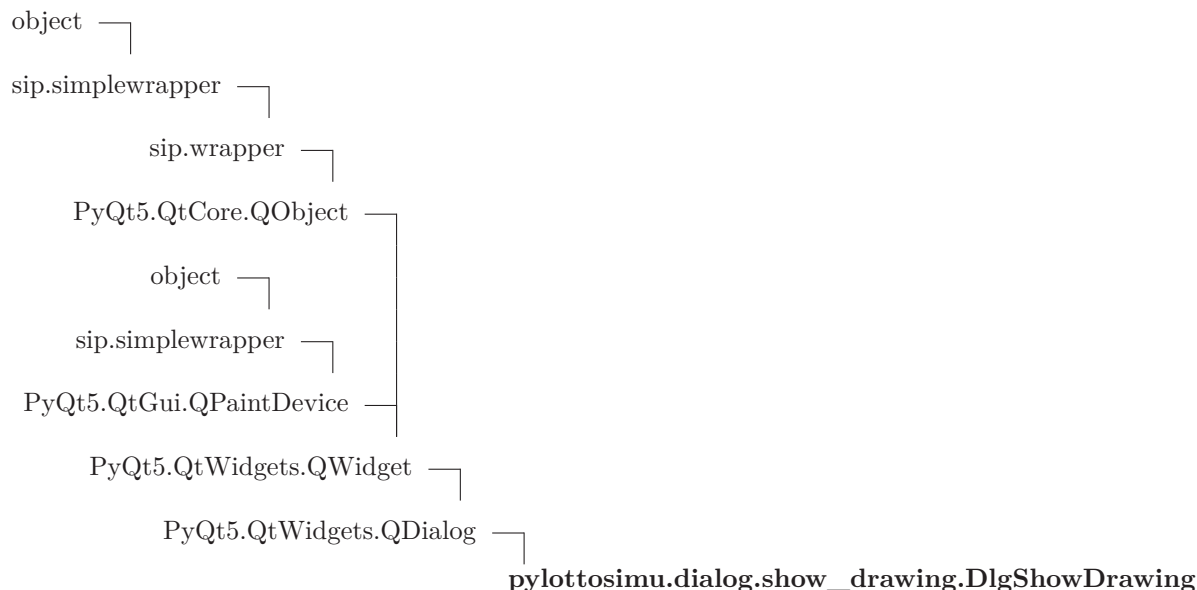
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3.1 Variables

Name	Description
__package__	Value: 'pylottosimu.dialog'

3.2 Class DlgShowDrawing



Show the numbers in a dialog box

3.2.1 Methods

__init__(*self, ballnumbers, highestnumber, bonusnumbers=False, highestbonus=False*)

x.**__init__**(...) initializes x; see help(type(x)) for signature

Parameters

ballnumbers: the number of draw
(*type=tuple of int*)

highestnumber: the number of the PushButtons
(*type=int*)

Return Value

none

Overrides: object.**__init__**

Inherited from PyQt5.QtWidgets.QDialog

accept(), accepted(), closeEvent(), contextMenuEvent(), done(), eventFilter(), exec_(), finished(), isSizeGripEnabled(), keyPressEvent(), minimumSizeHint(), open(), reject(), rejected(), resizeEvent(), result(), setModal(), setResult(), setSizeGripEnabled(), setVisible(), showEvent(), sizeHint()

Inherited from `PyQt5.QtWidgets.QWidget`

acceptDrops(), accessibleDescription(), accessibleName(), actionEvent(), actions(), activateWindow(), addAction(), addActions(), adjustSize(), autoFillBackground(), backgroundRole(), baseSize(), changeEvent(), childAt(), childrenRect(), childrenRegion(), clearFocus(), clearMask(), close(), contentsMargins(), contentsRect(), contextMenuPolicy(), create(), createWindowContainer(), cursor(), customContextMenuRequested(), destroy(), devType(), dragEnterEvent(), dragLeaveEvent(), dragMoveEvent(), dropEvent(), effectiveWinId(), ensurePolished(), enterEvent(), event(), find(), focusInEvent(), focusNextChild(), focusNextPrevChild(), focusOutEvent(), focusPolicy(), focusPreviousChild(), focusProxy(), focusWidget(), font(), fontInfo(), fontMetrics(), foregroundRole(), frameGeometry(), frameSize(), geometry(), getContentsMargins(), grab(), grabGesture(), grabKeyboard(), grabMouse(), grabShortcut(), graphicsEffect(), graphicsProxyWidget(), hasFocus(), hasHeightForWidth(), hasMouseTracking(), height(), heightForWidth(), hide(), hideEvent(), initPainter(), inputMethodEvent(), inputMethodHints(), inputMethodQuery(), insertAction(), insertActions(), isActiveWindow(), isAncestorOf(), isEnabled(), isEnabledTo(), isFullScreen(), isHidden(), isLeftToRight(), isMaximized(), isMinimized(), isModal(), isRightToLeft(), isVisible(), isVisibleTo(), isWindow(), isWindowModified(), keyReleaseEvent(), keyboardGrabber(), layout(), layoutDirection(), leaveEvent(), locale(), lower(), mapFrom(), mapFromGlobal(), mapFromParent(), mapTo(), mapToGlobal(), mapToParent(), mask(), maximumHeight(), maximumSize(), maximumWidth(), metric(), minimumHeight(), minimumSize(), minimumWidth(), mouseDoubleClickEvent(), mouseGrabber(), mouseMoveEvent(), mousePressEvent(), mouseRe-

leaseEvent(), move(), moveEvent(), nativeEvent(), nativeParentWidget(), nextInFocusChain(), normalGeometry(), overrideWindowFlags(), overrideWindowState(), paintEngine(), paintEvent(), palette(), parentWidget(), pos(), previousInFocusChain(), raise_(), rect(), redirected(), releaseKeyboard(), releaseMouse(), releaseShortcut(), removeAction(), render(), repaint(), resize(), restoreGeometry(), saveGeometry(), scroll(), setAcceptDrops(), setAccessibleDescription(), setAccessibleName(), setAttribute(), setAutoFillBackground(), setBackgroundRole(), setBaseSize(), setContentsMargins(), setContextMenuPolicy(), setCursor(), setDisabled(), setEnabled(), setFixedHeight(), setFixedSize(), setFixedWidth(), setFocus(), setFocusPolicy(), setFocusProxy(), setFont(), setForegroundRole(), setGeometry(), setGraphicsEffect(), setHidden(), setInputMethodHints(), setLayout(), setLayoutDirection(), setLocale(), setMask(), setMaximumHeight(), setMaximumSize(), setMaximumWidth(), setMinimumHeight(), setMinimumSize(), setMinimumWidth(), setMouseTracking(), setPalette(), setParent(), setShortcutAutoRepeat(), setShortcutEnabled(), setSizeIncrement(), setSizePolicy(), setStatusTip(), setStyle(), setStyleSheet(), setTabOrder(), setToolTip(), setToolTipDuration(), setUpdatesEnabled(), setWhatsThis(), setWindowFilePath(), setWindowFlags(), setWindowIcon(), setWindowIconText(), setWindowModality(), setWindowModified(), setWindowOpacity(), setWindowRole(), setWindowState(), setWindowTitle(), sharedPainter(), show(), showFullScreen(), showMaximized(), showMinimized(), showNormal(), size(), sizeIncrement(), sizePolicy(), stackUnder(), statusTip(), style(), styleSheet(), tabletEvent(), testAttribute(), toolTip(), toolTipDuration(), underMouse(), ungrabGesture(), unsetCursor(), unsetLayoutDirection(), unsetLocale(), update(), updateGeometry(), updateMicroFocus(), updatesEnabled(), visibleRegion(), whatsThis(), wheelEvent(), width(), winId(), window(), windowFilePath(), windowFlags(), windowHandle(), windowIcon(), windowIconChanged(), windowIconText(), windowIconTextChanged(), windowModality(), windowOpacity(), windowRole(), windowState(), windowTitle(), windowTitleChanged(), windowType(), x(), y()

Inherited from PyQt5.QtCore.QObject

__getattr__(), blockSignals(), childEvent(), children(), connectNotify(), customEvent(), deleteLater(), destroyed(), disconnect(), disconnectNotify(), dumpObjectInfo(), dumpObjectTree(), dynamicPropertyNames(), findChild(), findChildren(), inherits(), installEventFilter(), isSignalConnected(), isWidgetType(), isWindowType(), killTimer(), metaObject(), moveToThread(), objectName(), objectNameChanged(), parent(), property(), pyqtConfigure(), receivers(), removeEventFilter(), sender(), senderSignalIndex(), setObjectName(), setProperty(), signalsBlocked(), startTimer(), thread(), timerEvent(), tr()

Inherited from PyQt5.QtGui.QPaintDevice

colorCount(), depth(), devicePixelRatio(), heightMM(), logicalDpiX(), logicalDpiY(), paintingActive(), physicalDpiX(), physicalDpiY(), widthMM()

Inherited from sip.simplewrapper

__new__()

Inherited from object

__delattr__(), __format__(), __getattr__(), __hash__(), __reduce__(),
__reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __sub-
classhook__()

3.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

3.2.3 Class Variables

Name	Description
<i>Inherited from PyQt5.QtWidgets.QDialog</i>	
Accepted, Rejected	
<i>Inherited from PyQt5.QtWidgets.QWidget</i>	
DrawChildren, DrawWindowBackground, IgnoreMask	
<i>Inherited from PyQt5.QtCore.QObject</i>	
staticMetaObject	
<i>Inherited from PyQt5.QtGui.QPaintDevice</i>	
PdmDepth, PdmDevicePixelRatio, PdmDpiX, PdmDpiY, PdmHeight, PdmHeightMM, PdmNumColors, PdmPhysicalDpiX, PdmPhysicalDpiY, PdmWidth, PdmWidthMM	

4 Module pylottosimu.lottokugeln_rc

4.1 Functions

qInitResources()

qCleanupResources()

4.2 Variables

Name	Description
qt_resource_data	Value: '\x00\x01\x94\x94\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\.
qt_resource_name	Value: '\x00\x0e\x00\xc9\x8e\xe7\x001\x00o\x00t\x00t\x00o\x00k\x.
qt_resource_struct	Value: '\x00\x00\x00\x00\x00\x02\x00\x00\x00\x01\x00\x00\x00\x01.
__package__	Value: 'pylottosimu'

5 Module pylottosimu.lottokugeln_rc3

5.1 Functions

<code>qInitResources()</code>

<code>qCleanupResources()</code>

5.2 Variables

Name	Description
qt_resource_data	Value: ...
qt_resource_name	Value: ...
qt_resource_struct	Value: ...

6 Module pylottosimu.lottokugeln_rc3_qt5

6.1 Functions

qInitResources()

qCleanupResources()

6.2 Variables

Name	Description
qt_resource_data	Value: '\x00\x01\x94\x94\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\.
qt_resource_name	Value: '\x00\x0e\x00\xc9\x8e\xe7\x001\x00o\x00t\x00t\x00o\x00k\x.
qt_resource_struct	Value: '\x00\x00\x00\x00\x00\x02\x00\x00\x00\x01\x00\x00\x00\x01.
__package__	Value: 'pylottosimu'

7 Module `pylottosimu.lottosystem`

`pyLottoSimu`

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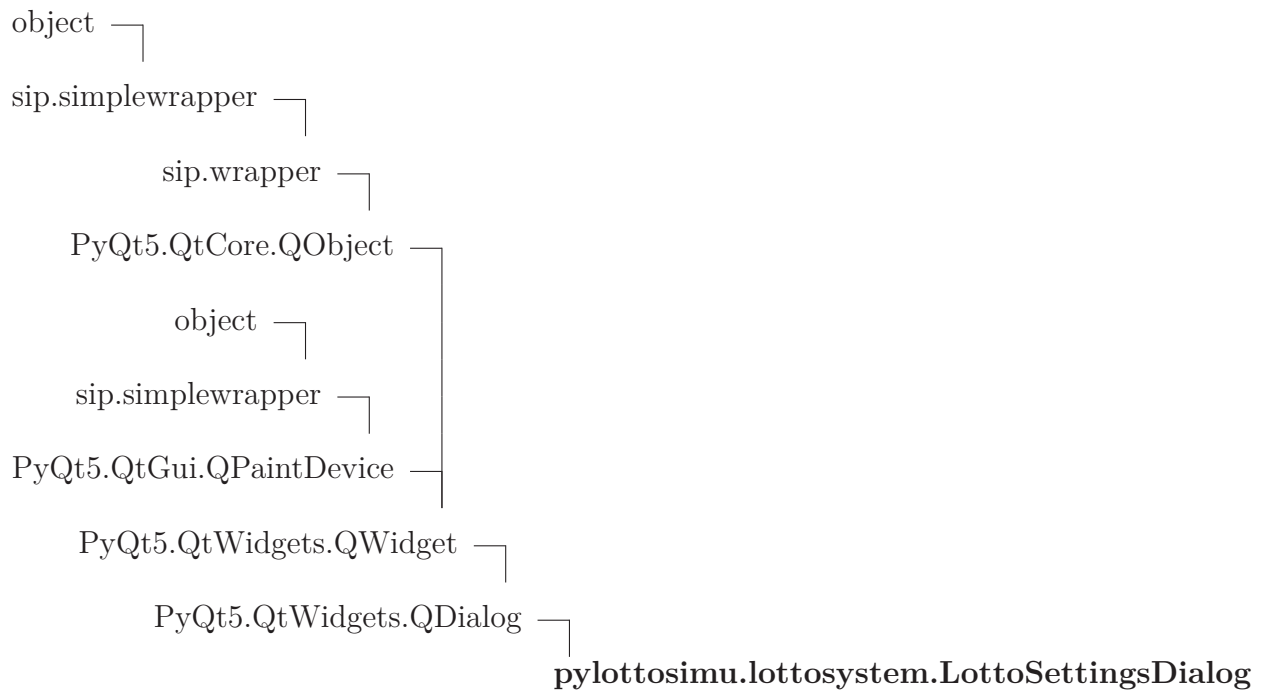
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7.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'pylottosimu'</code>

7.2 Class *LottoSettingsDialog*



The GUI of Settings.

7.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>sysdat</i> , <i>parent</i> =None)
Initial user interface and slots
Return Value none
Overrides: <code>object.__init__</code>

<code>init</code> (<i>self</i>)
Initial variable
Return Value none

<code>sep__addit__numbers</code> (<i>self</i>)

<code>with__addit</code> (<i>self</i>)

setvalues (<i>self</i>)

Set Values

values (<i>self</i>)

Values

getValues (<i>sysdat</i> , <i>parent</i> =None)

getValues

Inherited from PyQt5.QtWidgets.QDialog

accept(), accepted(), closeEvent(), contextMenuEvent(), done(), eventFilter(), exec_(), finished(), isSizeGripEnabled(), keyPressEvent(), minimumSizeHint(), open(), reject(), rejected(), resizeEvent(), result(), setModal(), setResult(), setSizeGripEnabled(), setVisible(), showEvent(), sizeHint()

Inherited from PyQt5.QtWidgets.QWidget

acceptDrops(), accessibleDescription(), accessibleName(), actionEvent(), actions(), activateWindow(), addAction(), addActions(), adjustSize(), autoFillBackground(), backgroundRole(), baseSize(), changeEvent(), childAt(), childrenRect(), childrenRegion(), clearFocus(), clearMask(), close(), contentsMargins(), contentsRect(), contextMenuPolicy(), create(), createWindowContainer(), cursor(), customContextMenuRequested(), destroy(), devType(), dragEnterEvent(), dragLeaveEvent(), dragMoveEvent(), dropEvent(), effectiveWinId(), ensurePolished(), enterEvent(), event(), find(), focusInEvent(), focusNextChild(), focusNextPrevChild(), focusOutEvent(), focusPolicy(), focusPreviousChild(), focusProxy(), focusWidget(), font(), fontInfo(), fontMetrics(), foregroundRole(), frameGeometry(), frameSize(), geometry(), getContentsMargins(), grab(), grabGesture(), grabKeyboard(), grabMouse(), grabShortcut(), graphicsEffect(), graphicsProxyWidget(), hasFocus(), hasHeightForWidth(), hasMouseTracking(), height(), heightForWidth(), hide(), hideEvent(), initPainter(), inputMethodEvent(), inputMethodHints(), inputMethodQuery(), insertAction(), insertActions(), isActiveWindow(), isAncestorOf(), isEnabled(), isEnabledTo(), isFullScreen(), isHidden(), isLeftToRight(), isMaximized(), isMinimized(), isModal(), isRightToLeft(), isVisible(), isVisibleTo(), isWindow(), isWindowModified(), keyReleaseEvent(), keyboardGrabber(), layout(), layoutDirection(), leaveEvent(), locale(), lower(), mapFrom(), mapFromGlobal(), mapFromParent(), mapTo(), mapToGlobal(), mapToParent(), mask(), maximumHeight(), maximumSize(), maximumWidth(), metric(), minimumHeight(), minimumSize(), minimumWidth(), mouseDoubleClickEvent(), mouseGrabber(), mouseMoveEvent(), mousePressEvent(), mouseReleaseEvent(), move(), moveEvent(), nativeEvent(), nativeParentWidget(), nextInFocusChain(), normalGeometry(), overrideWindowFlags(), overrideWindowState(), paintEngine(), paintEvent(), palette(), parentWidget(), pos(), previousInFocusChain(), raise_(), rect(), redirected(), releaseKeyboard(), releaseMouse(), releaseShortcut(),

removeAction(), render(), repaint(), resize(), restoreGeometry(), saveGeometry(), scroll(), setAcceptDrops(), setAccessibleDescription(), setAccessibleName(), setAttribute(), setAutoFillBackground(), setBackgroundRole(), setBaseSize(), setContentsMargins(), setContextMenuPolicy(), setCursor(), setDisabled(), setEnabled(), setFixedHeight(), setFixedSize(), setFixedWidth(), setFocus(), setFocusPolicy(), setFocusProxy(), setFont(), setForegroundRole(), setGeometry(), setGraphicsEffect(), setHidden(), setInputMethodHints(), setLayout(), setLayoutDirection(), setLocale(), setMask(), setMaximumHeight(), setMaximumSize(), setMaximumWidth(), setMinimumHeight(), setMinimumSize(), setMinimumWidth(), setMouseTracking(), setPalette(), setParent(), setShortcutAutoRepeat(), setShortcutEnabled(), setSizeIncrement(), setSizePolicy(), setStatusTip(), setStyle(), setStyleSheet(), setTabOrder(), setToolTip(), setToolTipDuration(), setUpdatesEnabled(), setWhatsThis(), setWindowFilePath(), setWindowFlags(), setWindowIcon(), setWindowIconText(), setWindowModality(), setWindowModified(), setWindowOpacity(), setWindowRole(), setWindowState(), setWindowTitle(), sharedPainter(), show(), showFullScreen(), showMaximized(), showMinimized(), showNormal(), size(), sizeIncrement(), sizePolicy(), stackUnder(), statusTip(), style(), styleSheet(), tabletEvent(), testAttribute(), toolTip(), toolTipDuration(), underMouse(), ungrabGesture(), unsetCursor(), unsetLayoutDirection(), unsetLocale(), update(), updateGeometry(), updateMicroFocus(), updatesEnabled(), visibleRegion(), whatsThis(), wheelEvent(), width(), winId(), window(), windowFilePath(), windowFlags(), windowHandle(), windowIcon(), windowIconChanged(), windowIconText(), windowIconTextChanged(), windowModality(), windowOpacity(), windowRole(), windowState(), windowTitle(), windowTitleChanged(), windowType(), x(), y()

Inherited from PyQt5.QtCore.QObject

__getattr__(), blockSignals(), childEvent(), children(), connectNotify(), customEvent(), deleteLater(), destroyed(), disconnect(), disconnectNotify(), dumpObjectInfo(), dumpObjectTree(), dynamicPropertyNames(), findChild(), findChildren(), inherits(), installEventFilter(), isSignalConnected(), isWidgetType(), isWindowType(), killTimer(), metaObject(), moveToThread(), objectName(), objectNameChanged(), parent(), property(), pyqtConfigure(), receivers(), removeEventFilter(), sender(), senderSignalIndex(), setObjectName(), setProperty(), signalsBlocked(), startTimer(), thread(), timerEvent(), tr()

Inherited from PyQt5.QtGui.QPaintDevice

colorCount(), depth(), devicePixelRatio(), heightMM(), logicalDpiX(), logicalDpiY(), paintingActive(), physicalDpiX(), physicalDpiY(), widthMM()

Inherited from sip.simplewrapper

__new__()

Inherited from object

```

__delattr__(), __format__(), __getattr__(), __hash__(), __reduce__(),
__reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __sub-
classhook__()

```

7.2.2 Properties

Name	Description
<i>Inherited from object</i>	
<code>__class__</code>	

7.2.3 Class Variables

Name	Description
<i>Inherited from PyQt5.QtWidgets.QDialog</i>	
Accepted, Rejected	
<i>Inherited from PyQt5.QtWidgets.QWidget</i>	
DrawChildren, DrawWindowBackground, IgnoreMask	
<i>Inherited from PyQt5.QtCore.QObject</i>	
staticMetaObject	
<i>Inherited from PyQt5.QtGui.QPaintDevice</i>	
PdmDepth, PdmDevicePixelRatio, PdmDpiX, PdmDpiY, PdmHeight, PdmHeightMM, PdmNumColors, PdmPhysicalDpiX, PdmPhysicalDpiY, PdmWidth, PdmWidthMM	

7.3 Class *lottosystemdata*

7.3.1 Methods

```

__init__(self, name='Lotto DE', max_draw=49, draw_numbers=6,
with_addit=False, addit_numbers=0, sep_addit_numbers=False,
max_addit=0)

```

```

writetofile(self)

```

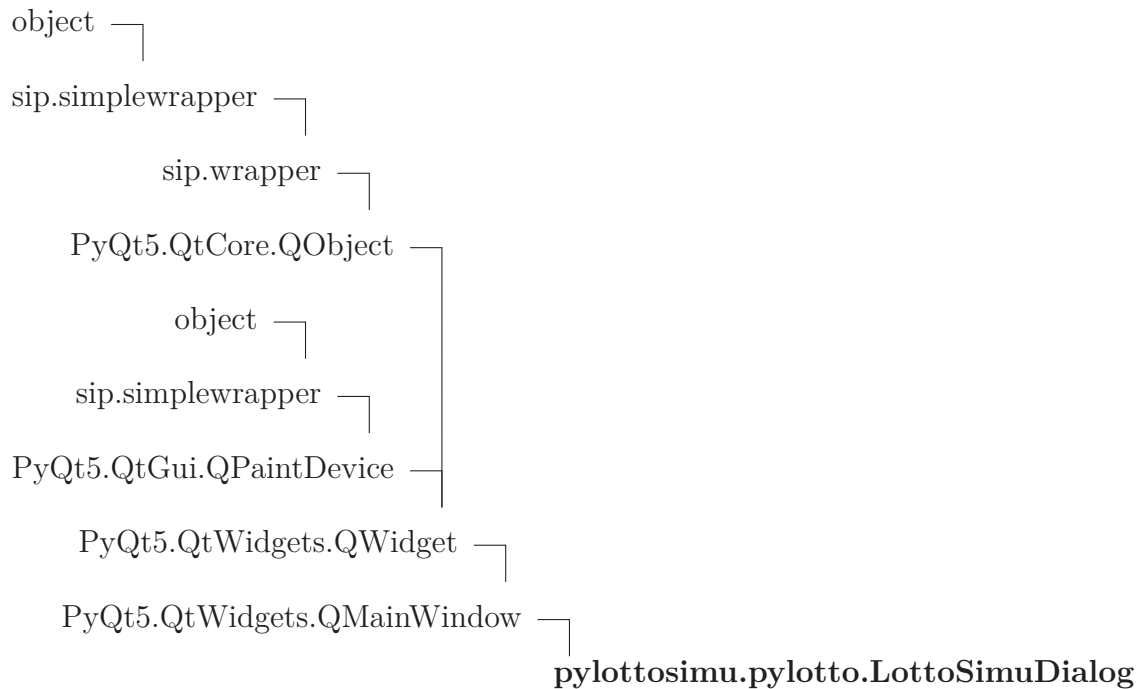

8 Module `pylottosimu.pylotto`

The signals for the GUI

8.1 Variables

Name	Description
<code>__doc__</code>	Value: "The signals for the GUI"
<code>__package__</code>	Value: 'pylottosimu'

8.2 Class `LottoSimuDialog`



The GUI and programm of the pyLottoSimu.

8.2.1 Methods

<code>__init__(self)</code>
Initial user interface and slots
Return Value none
Overrides: object. <code>__init__</code>

<code>ontimer(self)</code>
Start time to show a number.
Return Value none

<code>show__next__number(self)</code>
Simulation of the draw and show the next Number on the Screen.
Return Value none

<code>onbtn__draw__overview(self)</code>
show dialog of the draw
Return Value none

<code>onsystem(self)</code>
show dialog of the draw
Return Value none

<code>onbtn__start(self)</code>
Start simulation with the first drawing init timer with the valve from the Scrollbar the next drawing starts with the timer event.
Return Value none

action__lottosim(*self*)

Changing the layout for simulation or generation Move the textedit and change the visible.

Return Value

none

onrandom__numbers__generator(*self*)

Show the output from the random number generator.

Return Value

none

onclean__output__text(*self*)

Clean the output text

Return Value

none

oninfo(*self*)

info message box

Return Value

none

onwebsite(*self*)

Open website

Return Value

none

onclose(*self*)

Close the GUI

Return Value

none

Inherited from PyQt5.QtWidgets.QMainWindow

addDockWidget(), addToolBar(), addToolBarBreak(), centralWidget(), contextMenuEvent(), corner(), createPopupMenu(), dockOptions(), dockWidgetArea(), documentMode(), event(), iconSize(), iconSizeChanged(), insertToolBar(), insertToolBarBreak(), isAnimated(), isDockNestingEnabled(), isSeparator(), menuBar(), menuWidget(), removeDockWidget(), removeToolBar(), removeToolBarBreak(), restoreDockWidget(), restoreState(), saveState(), setAnimated(), setCentralWidget(), setCorner(), setDockNestingEnabled(), setDockOptions(), setDocumentMode(), setIconSize(), set-

MenuBar(), setMenuWidget(), setStatusBar(), setTabPosition(), setTabShape(), setToolButtonStyle(), setUnifiedTitleAndToolBarOnMac(), splitDockWidget(), statusBar(), tabPosition(), tabShape(), tabifiedDockWidgets(), tabifyDockWidget(), takeCentralWidget(), toolBarArea(), toolBarBreak(), toolButtonStyle(), toolButtonStyleChanged(), unifiedTitleAndToolBarOnMac()

Inherited from PyQt5.QtWidgets.QWidget

acceptDrops(), accessibleDescription(), accessibleName(), actionEvent(), actions(), activateWindow(), addAction(), addActions(), adjustSize(), autoFillBackground(), backgroundRole(), baseSize(), changeEvent(), childAt(), childrenRect(), childrenRegion(), clearFocus(), clearMask(), close(), closeEvent(), contentsMargins(), contentsRect(), contextMenuPolicy(), create(), createWindowContainer(), cursor(), customContextMenuRequested(), destroy(), devType(), dragEnterEvent(), dragLeaveEvent(), dragMoveEvent(), dropEvent(), effectiveWinId(), ensurePolished(), enterEvent(), find(), focusInEvent(), focusNextChild(), focusNextPrevChild(), focusOutEvent(), focusPolicy(), focusPreviousChild(), focusProxy(), focusWidget(), font(), fontInfo(), fontMetrics(), foregroundRole(), frameGeometry(), frameSize(), geometry(), getContentsMargins(), grab(), grabGesture(), grabKeyboard(), grabMouse(), grabShortcut(), graphicsEffect(), graphicsProxyWidget(), hasFocus(), hasHeightForWidth(), hasMouseTracking(), height(), heightForWidth(), hide(), hideEvent(), initPainter(), inputMethodEvent(), inputMethodHints(), inputMethodQuery(), insertAction(), insertActions(), isActiveWindow(), isAncestorOf(), isEnabled(), isEnabledTo(), isFullScreen(), isHidden(), isLeftToRight(), isMaximized(), isMinimized(), isModal(), isRightToLeft(), isVisible(), isVisibleTo(), isWindow(), isWindowModified(), keyPressEvent(), keyReleaseEvent(), keyboardGrabber(), layout(), layoutDirection(), leaveEvent(), locale(), lower(), mapFrom(), mapFromGlobal(), mapFromParent(), mapTo(), mapToGlobal(), mapToParent(), mask(), maximumHeight(), maximumSize(), maximumWidth(), metric(), minimumHeight(), minimumSize(), minimumSizeHint(), minimumWidth(), mouseDoubleClickEvent(), mouseGrabber(), mouseMoveEvent(), mousePressEvent(), mouseReleaseEvent(), move(), moveEvent(), nativeEvent(), nativeParentWidget(), nextInFocusChain(), normalGeometry(), overrideWindowFlags(), overrideWindowState(), paintEngine(), paintEvent(), palette(), parentWidget(), pos(), previousInFocusChain(), raise_(), rect(), redirected(), releaseKeyboard(), releaseMouse(), releaseShortcut(), removeAction(), render(), repaint(), resize(), resizeEvent(), restoreGeometry(), saveGeometry(), scroll(), setAcceptDrops(), setAccessibleDescription(), setAccessibleName(), setAttribute(), setAutoFillBackground(), setBackgroundRole(), setBaseSize(), setContentsMargins(), setContextMenuPolicy(), setCursor(), setDisabled(), setEnabled(), setFixedHeight(), setFixedSize(), setFixedWidth(), setFocus(), setFocusPolicy(), setFocusProxy(), setFont(), setForegroundRole(), setGeometry(), setGraphicsEffect(), setHidden(), setInputMethodHints(), setLayout(), setLayoutDirection(), setLocale(), setMask(), setMaximumHeight(), setMaximumSize(), setMaximumWidth(), setMinimumHeight(), setMinimumSize(), setMinimumWidth(), setMouseTracking(), setPalette(), setParent(), setShortcutAutoRepeat(), setShortcutEnabled(), setSizeIncrement(), setSizePol-

icy(), setStatusTip(), setStyle(), setStyleSheet(), setTabOrder(), setToolTip(), setToolTipDuration(), setUpdatesEnabled(), setVisible(), setWhatsThis(), setWindowFilePath(), setWindowFlags(), setWindowIcon(), setWindowIconText(), setWindowModality(), setWindowModified(), setWindowOpacity(), setWindowRole(), setWindowState(), setWindowTitle(), sharedPainter(), show(), showEvent(), showFullScreen(), showMaximized(), showMinimized(), showNormal(), size(), sizeHint(), sizeIncrement(), sizePolicy(), stackUnder(), statusTip(), style(), styleSheet(), tabletEvent(), testAttribute(), toolTip(), toolTipDuration(), underMouse(), ungrabGesture(), unsetCursor(), unsetLayoutDirection(), unsetLocale(), update(), updateGeometry(), updateMicroFocus(), updatesEnabled(), visibleRegion(), whatsThis(), wheelEvent(), width(), winId(), window(), windowFilePath(), windowFlags(), windowHandle(), windowIcon(), windowIconChanged(), windowIconText(), windowIconTextChanged(), windowModality(), windowOpacity(), windowRole(), windowState(), windowTitle(), windowTitleChanged(), windowType(), x(), y()

Inherited from PyQt5.QtCore.QObject

__getattr__(), blockSignals(), childEvent(), children(), connectNotify(), customEvent(), deleteLater(), destroyed(), disconnect(), disconnectNotify(), dumpObjectInfo(), dumpObjectTree(), dynamicPropertyNames(), eventFilter(), findChild(), findChildren(), inherits(), installEventFilter(), isSignalConnected(), isWidgetType(), isWindowType(), killTimer(), metaObject(), moveToThread(), objectName(), objectNameChanged(), parent(), property(), pyqtConfigure(), receivers(), removeEventFilter(), sender(), senderSignalIndex(), setObjectName(), setProperty(), signalsBlocked(), startTimer(), thread(), timerEvent(), tr()

Inherited from PyQt5.QtGui.QPaintDevice

colorCount(), depth(), devicePixelRatio(), heightMM(), logicalDpiX(), logicalDpiY(), paintingActive(), physicalDpiX(), physicalDpiY(), widthMM()

Inherited from sip.simplewrapper

__new__()

Inherited from object

__delattr__(), __format__(), __getattr__(), __hash__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

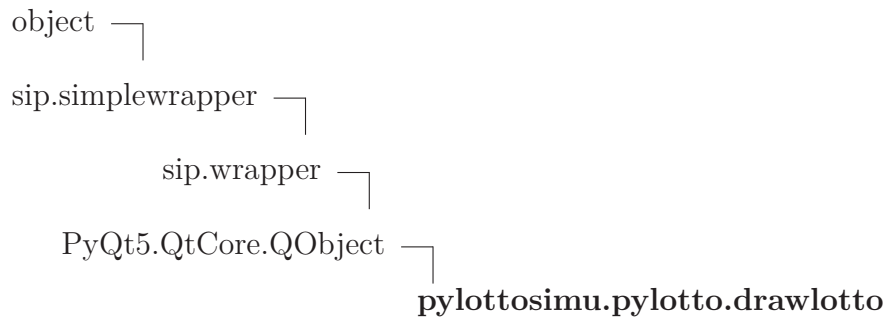
8.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

8.2.3 Class Variables

Name	Description
<i>Inherited from PyQt5.QtWidgets.QMainWindow</i> AllowNestedDocks, AllowTabbedDocks, AnimatedDocks, ForceTabbedDocks, VerticalTabs	
<i>Inherited from PyQt5.QtWidgets.QWidget</i> DrawChildren, DrawWindowBackground, IgnoreMask	
<i>Inherited from PyQt5.QtCore.QObject</i> staticMetaObject	
<i>Inherited from PyQt5.QtGui.QPaintDevice</i> PdmDepth, PdmDevicePixelRatio, PdmDpiX, PdmDpiY, PdmHeight, PdmHeightMM, PdmNumColors, PdmPhysicalDpiX, PdmPhysicalDpiY, PdmWidth, PdmWidthMM	

8.3 Class drawlotto



8.3.1 Methods

```
__init__(self, name='Lotto DE', max_draw=49, draw_numbers=6,
with_addit=False, addit_numbers=0, sep_addit_numbers=False,
max_addit=0)
```

simulate a lotto draw

Parameters

name:	name of game (<i>type=string</i>)
max_draw:	maximal draw numbers (<i>type=int</i>)
draw_numbers:	the draw numbers (<i>type=int</i>)
with_addit:	with additional number (<i>type=bool</i>)
addit_numbers:	the additional numbers (<i>type=int</i>)
sep_addit_numbers:	separates additional numbers (<i>type=bool</i>)
max_addit:	maximal additional numbers (<i>type=int</i>)

Overrides: object.__init__

```
draw(self)
```

draw of the lotto numbers

Return Value

none

```
picknumber(self, turn)
```

pick of a lotto number

Return Value

pick

Inherited from PyQt5.QtCore.QObject

`__getattr__()`, `blockSignals()`, `childEvent()`, `children()`, `connectNotify()`, `customEvent()`, `deleteLater()`, `destroyed()`, `disconnect()`, `disconnectNotify()`, `dumpObjectInfo()`,

dumpObjectTree(), dynamicPropertyNames(), event(), eventFilter(), findChild(), findChildren(), inherits(), installEventFilter(), isSignalConnected(), isWidgetType(), isWindowType(), killTimer(), metaObject(), moveToThread(), objectName(), objectNameChanged(), parent(), property(), pyqtConfigure(), receivers(), removeEventFilter(), sender(), senderSignalIndex(), setObjectName(), setParent(), setProperty(), signalsBlocked(), startTimer(), thread(), timerEvent(), tr()

Inherited from sip.simplewrapper

__new__()

Inherited from object

__delattr__(), __format__(), __getattr__(), __hash__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

8.3.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

8.3.3 Class Variables

Name	Description
<i>Inherited from PyQt5.QtCore.QObject</i>	
staticMetaObject	

9 Module `pylottosimu.test__drawlotto`

`pyLottoSimu`

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9.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'pylottosimu'</code>

9.2 Class `drawlottoTestCase`

object └

`unittest.case.TestCase` └

`pylottosimu.test__drawlotto.drawlottoTestCase`

9.2.1 Methods

`setUp(self)`

Hook method for setting up the test fixture before exercising it.

Overrides: `unittest.case.TestCase.setUp` `exitit`(inherited documentation)

`test_setting(self)`

<code>test_draw(self)</code>

<code>test_draw_addit(self)</code>

<code>test_draw_addit_sep(self)</code>
--

Inherited from unittest.case.TestCase

`__call__()`, `__eq__()`, `__hash__()`, `__init__()`, `__ne__()`, `__repr__()`,
`__str__()`, `addCleanup()`, `addTypeEqualityFunc()`, `assertAlmostEqual()`, `assertAlmostEquals()`, `assertDictContainsSubset()`, `assertDictEqual()`, `assertEqual()`, `assertEquals()`, `assertFalse()`, `assertGreater()`, `assertGreaterEqual()`, `assertIn()`, `assertIs()`, `assertIsInstance()`, `assertIsNone()`, `assertIsNot()`, `assertIsNotNone()`, `assertItemsEqual()`, `assertLess()`, `assertLessEqual()`, `assertListEqual()`, `assertMultiLineEqual()`, `assertNotAlmostEqual()`, `assertNotAlmostEquals()`, `assertNotEqual()`, `assertNotEquals()`, `assertNotIn()`, `assertNotIsInstance()`, `assertNotRegexMatches()`, `assertRaises()`, `assertRaisesRegex()`, `assertRegexMatches()`, `assertSequenceEqual()`, `assertSetEqual()`, `assertTrue()`, `assertTupleEqual()`, `assert_()`, `countTestCases()`, `debug()`, `defaultTestResult()`, `doCleanups()`, `fail()`, `failIf()`, `failIfAlmostEqual()`, `failIfEqual()`, `failUnless()`, `failUnlessAlmostEqual()`, `failUnlessEqual()`, `failUnlessRaises()`, `id()`, `run()`, `setUpClass()`, `shortDescription()`, `skipTest()`, `tearDown()`, `tearDownClass()`

Inherited from object

`__delattr__()`, `__format__()`, `__getattr__()`, `__new__()`, `__reduce__()`,
`__reduce_ex__()`, `__setattr__()`, `__sizeof__()`, `__subclasshook__()`

9.2.2 Properties

Name	Description
<i>Inherited from object</i>	
<code>__class__</code>	

9.2.3 Class Variables

Name	Description
<i>Inherited from unittest.case.TestCase</i>	
<code>longMessage</code> , <code>maxDiff</code>	

10 Module `pylottosimu.test__pep8`

`pyLottoSimu`

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Author: mar

10.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'pylottosimu'</code>

10.2 Class `TestCodeFormat`

object └

`unittest.case.TestCase` └

`pylottosimu.test__pep8.TestCodeFormat`

10.2.1 Methods

<code>test__pep8__conformance(self)</code>

Test that we conform to PEP8.

Inherited from `unittest.case.TestCase`

`__call__()`, `__eq__()`, `__hash__()`, `__init__()`, `__ne__()`, `__repr__()`, `__str__()`, `addCleanup()`, `addTypeEqualityFunc()`, `assertAlmostEqual()`, `asser-`

tAlmostEquals(), assertDictContainsSubset(), assertDictEqual(), assertEqual(), assertEquals(), assertFalse(), assertGreater(), assertGreaterEqual(), assertIn(), assertIs(), assertIsInstance(), assertIsNone(), assertIsNot(), assertIsNotNone(), assertItemsEqual(), assertLess(), assertLessEqual(), assertListEqual(), assertMultiLineEqual(), assertNotAlmostEqual(), assertNotAlmostEquals(), assertNotEqual(), assertNotEquals(), assertNotIn(), assertNotIsInstance(), assertNotRegexpMatches(), assertRaises(), assertRaisesRegexp(), assertRegexpMatches(), assertSequenceEqual(), assertSetEqual(), assertTrue(), assertTupleEqual(), assert_(), countTestCases(), debug(), defaultTestResult(), doCleanups(), fail(), failIf(), failIfAlmostEqual(), failIfEqual(), failUnless(), failUnlessAlmostEqual(), failUnlessEqual(), failUnlessRaises(), id(), run(), setUp(), setUpClass(), shortDescription(), skipTest(), tearDown(), tearDownClass()

Inherited from object

__delattr__(), __format__(), __getattr__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __subclasshook__()

10.2.2 Properties

Name	Description
<i>Inherited from object</i>	
__class__	

10.2.3 Class Variables

Name	Description
<i>Inherited from unittest.case.TestCase</i>	
longMessage, maxDiff	

11 Module `pylottosimu.test__show__drawing`

`pyLottoSimu`

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Author: mar

11.1 Variables

Name	Description
<code>__package__</code>	Value: <code>'pylottosimu'</code>

11.2 Class `show__drawingTestCase`

object └

`unittest.case.TestCase` └

`pylottosimu.test__show__drawing.show__drawingTestCase`

Test of drawing

11.2.1 Methods

<code>setUp(self)</code>
Creates the <code>QApplication</code> instance
Overrides: <code>unittest.case.TestCase.setUp</code>

tearDown(*self*)

Deletes the reference owned by self

Overrides: `unittest.case.TestCase.tearDown`**test__setting**(*self*)**test__ballnumbers**(*self*)**test__bonusnumbers**(*self*)**test__bonusnumbersseparate**(*self*)***Inherited from `unittest.case.TestCase`***

`__call__()`, `__eq__()`, `__hash__()`, `__init__()`, `__ne__()`, `__repr__()`,
`__str__()`, `addCleanup()`, `addTypeEqualityFunc()`, `assertAlmostEqual()`, `assertAlmostEquals()`, `assertDictContainsSubset()`, `assertDictEqual()`, `assertEqual()`, `assertEquals()`, `assertFalse()`, `assertGreater()`, `assertGreaterEqual()`, `assertIn()`, `assertIs()`, `assertIsInstance()`, `assertIsNone()`, `assertIsNot()`, `assertIsNotNone()`, `assertItemsEqual()`, `assertLess()`, `assertLessEqual()`, `assertListEqual()`, `assertMultiLineEqual()`, `assertNotAlmostEqual()`, `assertNotAlmostEquals()`, `assertNotEqual()`, `assertNotEquals()`, `assertNotIn()`, `assertNotIsInstance()`, `assertNotRegexpMatches()`, `assertRaises()`, `assertRaisesRegexp()`, `assertRegexpMatches()`, `assertSequenceEqual()`, `assertSetEqual()`, `assertTrue()`, `assertTupleEqual()`, `assert__()`, `countTestCases()`, `debug()`, `defaultTestResult()`, `doCleanups()`, `fail()`, `failIf()`, `failIfAlmostEqual()`, `failIfEqual()`, `failUnless()`, `failUnlessAlmostEqual()`, `failUnlessEqual()`, `failUnlessRaises()`, `id()`, `run()`, `setUpClass()`, `shortDescription()`, `skipTest()`, `tearDownClass()`

Inherited from object

`__delattr__()`, `__format__()`, `__getattr__()`, `__new__()`, `__reduce__()`,
`__reduce_ex__()`, `__setattr__()`, `__sizeof__()`, `__subclasshook__()`

11.2.2 Properties

Name	Description
<i>Inherited from object</i>	
<code>__class__</code>	

11.2.3 Class Variables

Name	Description
<i>Inherited from unittest.case.TestCase</i> longMessage, maxDiff	

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