API Documentation

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May 4, 2012

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1 Package lotto

1.1 Modules

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  (Section 5, p. 11)

1.2 Variables

Name	Description
___package___	**Value:** 'pyLottoSimu'

2 Module lotto.lotto

2.1 Variables

Name	Description
___package___	**Value:** 'lotto'

2.2 Class Ui_MainWindow

object ─┐
        lotto.lotto.Ui_MainWindow

Known Subclasses: lotto.lotto_gui1.MeinDialog

2.2.1 Methods

setupUi(*self, MainWindow*)

retranslateUi(*self, MainWindow*)

Inherited from object

___delattr___(), ___format___(), ___getattribute___(), ___hash___(), ___init___(),
___new___(), ___reduce___(), ___reduce_ex___(), ___repr___(), ___setattr___(),
___sizeof___(), ___str___(), ___subclasshook___()

2.2.2 Properties

Name	Description
Inherited from object ___class___	

3   Module lotto.lotto_gui1

The signals for the GUI

3.1   Functions

gui()
open the GUI

3.2   Variables

Name	Description
___doc___	**Value:** `"The signals for the GUI"`
___package___	**Value:** `'lotto'`

3.3   Class MeinDialog

object ⌐
sip.simplewrapper ⌐
  sip.wrapper ⌐
   PyQt4.QtCore.QObject ⌐
    object ⌐
   sip.simplewrapper ⌐
  PyQt4.QtGui.QPaintDevice ⌐
    PyQt4.QtGui.QWidget ⌐
    PyQt4.QtGui.QMainWindow ⌐
      object ⌐
   lotto.lotto.Ui__MainWindow ⌐

      lotto.lotto__gui1.MeinDialog
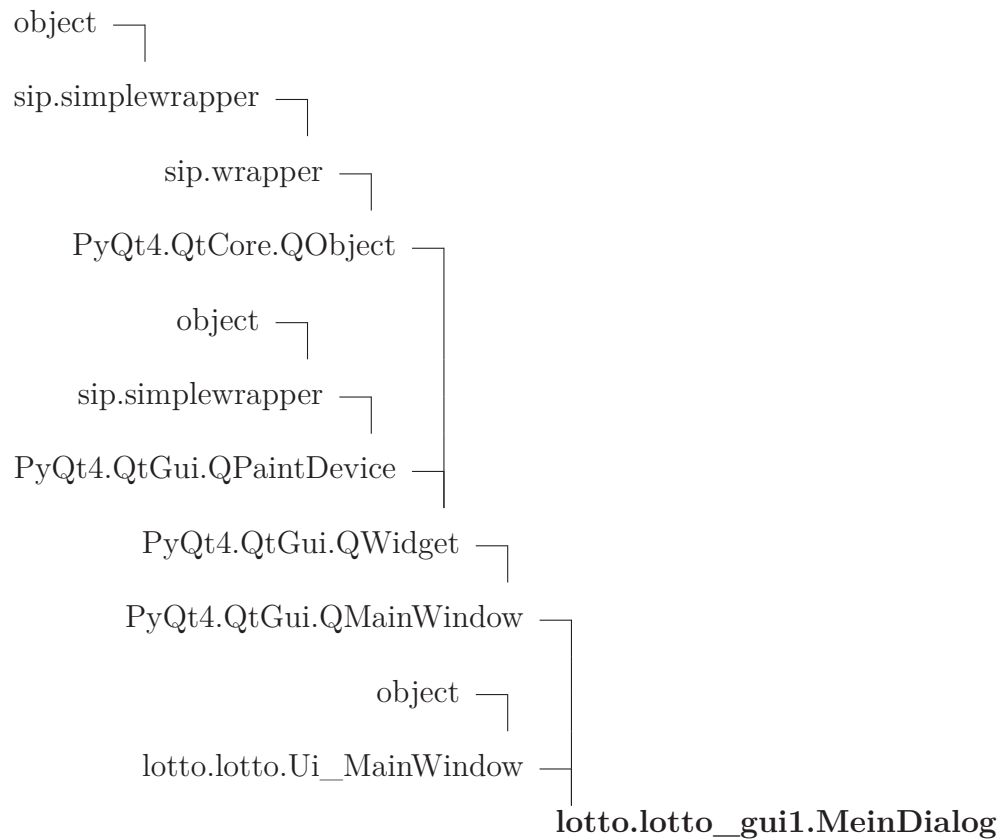
the GUI

3.3.1   Methods

___init___(*self*)
x.___init___(...) initializes x; see help(type(x)) for signature
Overrides: object.___init___ extit(inherited documentation)

ontimer(*self*)
start time to show a number

NaechsteZahl(*self*)
Display the draw

---

onbtn_start(*self*)

start simultion with the first drawing init timer with the valve from the Scrollbar the next drawing starts with the timer event

---

actionLottosim(*self*)

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

---

onZufallsgenerator(*self*)

Show the output from the random number generator

---

onAusgfeldLeeren(*self*)

clear the TextEdit

---

onInfo(*self*)

Infoscreen

Inherited from PyQt4.QtGui.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(), setMenuBar(), setMenuWidget(), setStatusBar(), setTabPosition(), setTabShape(), setToolButtonStyle(), setUnifiedTitleAndToolBarOnMac(), splitDockWidget(), statusBar(), tabPosition(), tabShape(), tabifiedDockWidgets(), tabifyDockWidget(), toolBarArea(), toolBarBreak(), toolButtonStyle(), toolButtonStyleChanged(), unifiedTitleAndToolBarOnMac()

Inherited from PyQt4.QtGui.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(), cursor(), customContextMenuRequested(), destroy(), devType(), dragEnterEvent(), dragLeaveEvent(), dragMoveEvent(), dropEvent(), effectiveWinId(), enabledChange(), ensurePolished(), enterEvent(), find(), focusInEvent(), focusNextChild(), focusNextPrevChild(), focusOutEvent(), focusPolicy(), focusPreviousChild(), focusProxy(), focusWidget(), font(), fontChange(), fontInfo(),

fontMetrics(), foregroundRole(), frameGeometry(), frameSize(), geometry(), get-ContentsMargins(), grabGesture(), grabKeyboard(), grabMouse(), grabShortcut(), graphicsEffect(), graphicsProxyWidget(), handle(), hasFocus(), hasMouseTrack-ing(), height(), heightForWidth(), hide(), hideEvent(), inputContext(), inputMeth-odEvent(), inputMethodHints(), inputMethodQuery(), insertAction(), insertAc-tions(), isActiveWindow(), isAncestorOf(), isEnabled(), isEnabledTo(), isEnabled-ToTLW(), isFullScreen(), isHidden(), isLeftToRight(), isMaximized(), isMinimized(), isModal(), isRightToLeft(), isTopLevel(), isVisible(), isVisibleTo(), isWindow(), isWindowModified(), keyPressEvent(), keyReleaseEvent(), keyboardGrabber(), lan-guageChange(), layout(), layoutDirection(), leaveEvent(), locale(), lower(), mapFrom(), mapFromGlobal(), mapFromParent(), mapTo(), mapToGlobal(), mapToParent(), mask(), maximumHeight(), maximumSize(), maximumWidth(), metric(), mini-mumHeight(), minimumSize(), minimumSizeHint(), minimumWidth(), mouseDou-bleClickEvent(), mouseGrabber(), mouseMoveEvent(), mousePressEvent(), mouseRe-leaseEvent(), move(), moveEvent(), nativeParentWidget(), nextInFocusChain(), normalGeometry(), overrideWindowFlags(), overrideWindowState(), paintEngine(), paintEvent(), palette(), paletteChange(), parentWidget(), pos(), previousInFo-cusChain(), raise_(), rect(), releaseKeyboard(), releaseMouse(), releaseShortcut(), removeAction(), render(), repaint(), resetInputContext(), resize(), resizeEvent(), restoreGeometry(), saveGeometry(), scroll(), setAcceptDrops(), setAccessibleDescrip-tion(), setAccessibleName(), setAttribute(), setAutoFillBackground(), setBackground-Role(), setBaseSize(), setContentsMargins(), setContextMenuPolicy(), setCursor(), setDisabled(), setEnabled(), setFixedHeight(), setFixedSize(), setFixedWidth(), setFocus(), setFocusPolicy(), setFocusProxy(), setFont(), setForegroundRole(), set-Geometry(), setGraphicsEffect(), setHidden(), setInputContext(), setInputMethod-Hints(), setLayout(), setLayoutDirection(), setLocale(), setMask(), setMaximumHeight(), setMaximumSize(), setMaximumWidth(), setMinimumHeight(), setMinimumSize(), setMinimumWidth(), setMouseTracking(), setPalette(), setParent(), setShortcu-tAutoRepeat(), setShortcutEnabled(), setShown(), setSizeIncrement(), setSizePol-icy(), setStatusTip(), setStyle(), setStyleSheet(), setTabOrder(), setToolTip(), se-tUpdatesEnabled(), setVisible(), setWhatsThis(), setWindowFilePath(), setWin-dowFlags(), setWindowIcon(), setWindowIconText(), setWindowModality(), setWin-dowModified(), setWindowOpacity(), setWindowRole(), setWindowState(), setWin-dowTitle(), show(), showEvent(), showFullScreen(), showMaximized(), showMini-mized(), showNormal(), size(), sizeHint(), sizeIncrement(), sizePolicy(), stackUn-der(), statusTip(), style(), styleSheet(), tabletEvent(), testAttribute(), toolTip(), topLevelWidget(), underMouse(), ungrabGesture(), unsetCursor(), unsetLayout-Direction(), unsetLocale(), update(), updateGeometry(), updateMicroFocus(), up-datesEnabled(), visibleRegion(), whatsThis(), wheelEvent(), width(), winId(), win-dow(), windowActivationChange(), windowFilePath(), windowFlags(), window-Icon(), windowIconText(), windowModality(), windowOpacity(), windowRole(), windowState(), windowTitle(), windowType(), x(), x11Info(), x11PictureHandle(), y()

Inherited from PyQt4.QtCore.QObject

___getattr___(), blockSignals(), childEvent(), children(), connect(), connectNo-
tify(), customEvent(), deleteLater(), destroyed(), disconnect(), disconnectNotify(),
dumpObjectInfo(), dumpObjectTree(), dynamicPropertyNames(), emit(), event-
Filter(), findChild(), findChildren(), inherits(), installEventFilter(), isWidgetType(),
killTimer(), metaObject(), moveToThread(), objectName(), parent(), property(),
pyqtConfigure(), receivers(), removeEventFilter(), sender(), setObjectName(), set-
Property(), signalsBlocked(), startTimer(), thread(), timerEvent(), tr(), trUtf8()

Inherited from PyQt4.QtGui.QPaintDevice

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

Inherited from sip.simplewrapper

___new___()

Inherited from lotto.lotto.Ui__MainWindow(Section 2.2)

retranslateUi(), setupUi()

Inherited from object

___delattr___(), ___format___(), ___getattribute___(), ___hash___(), ___reduce___(),
___reduce_ex___(), ___repr___(), ___setattr___(), ___sizeof___(), ___str___(), ___sub-
classhook___()

3.3.2 Properties

Name	Description
Inherited from object	
___class___	

3.3.3 Class Variables

Name	Description
Inherited from PyQt4.QtGui.QMainWindow	
AllowNestedDocks, AllowTabbedDocks, AnimatedDocks, ForceTabbedDocks, VerticalTabs	
Inherited from PyQt4.QtGui.QWidget	
DrawChildren, DrawWindowBackground, IgnoreMask	
Inherited from PyQt4.QtCore.QObject	
staticMetaObject	
Inherited from PyQt4.QtGui.QPaintDevice	

Name	Description
PdmDepth, PdmDpiX, PdmDpiY, PdmHeight, PdmHeightMM, PdmNumColors, PdmPhysicalDpiX, PdmPhysicalDpiY, PdmWidth, PdmWidthMM	

4 Module lotto.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\x00l\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:** 'lotto'

5   Module lotto.zufallszahl

Erzeugen einer Zufallszahl, mit Modultest beim direkten Aufruf

5.1   Functions

---

zufallszahlen(*anzahl, maxwert*)

Return Value

Gibt Zufallszahlen zurueck.

```
>>> zufallszahlen(16, 15)
Traceback (most recent call last):
ValueError: sample larger than population
>>> zufallszahlen(16, -15)
Traceback (most recent call last):
ValueError: sample larger than population
>>> zufallszahlen(-16, 15)
Traceback (most recent call last):
ValueError: sample larger than population
>>> zufallszahlen(1, 1)
[1]
>>> zufallszahlen(1, 1.7)
Traceback (most recent call last):
TypeError: integer argument expected, got float
>>> sorted(zufallszahlen(3, 3))
[1, 2, 3]
```

5.2   Variables

Name	Description
___package___	**Value:** `'lotto'`

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