API Documentation

API Documentation

April 9, 2013

Contents

1   Package lotto

1.1   Modules

- **auswertung**: pyLottoverwaltung
  (Section 2, p. 4)
- **datahandler**: the data handler for insert, get and delete data in the database
  (Section 3, p. 9)
- **gui** *(Section 4, p. 15)*
  - **auswertung** *(Section 5, p. 16)*
  - **dialog_kalender** *(Section 6, p. 17)*
  - **lotto_dateneing** *(Section 7, p. 18)*
- **kalender_datum**: pyLottoverwaltung
  (Section 8, p. 19)
- **lotto_gui_dateneing**: pyLottoverwaltung
  (Section 9, p. 24)
- **webzugriff**: pyLottoverwaltung
  (Section 10, p. 31)
- **zufallszahl**: Erzeugen einer Zufallszahl, mit Modultest beim direkten Aufruf
  (Section 11, p. 32)

1.2   Variables

Name	Description
___package___	**Value:** None

2 Module lotto.auswertung

pyLottoverwaltung

Copyright (C) <2012-2013> Markus Hackspacher

This file is part of pyLottoverwaltung.

pyLottoverwaltung is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

pyLottoverwaltung is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU General Public License along with pyLottoverwaltung. If not, see <http://www.gnu.org/licenses/>.

2.1 Variables

Name	Description
___package___	**Value:** `'lotto'`
___warningregistry___	**Value:** `{('the sets module is deprecated', <type 'exceptions.Depr...`

2.2   Class ui_lotto_auswertung

```
object ─┐
   sip.simplewrapper ─┐
         sip.wrapper ─┐
    PyQt4.QtCore.QObject ─┐
              object ─┐
      sip.simplewrapper ─┐
  PyQt4.QtGui.QPaintDevice ─┐
        PyQt4.QtGui.QWidget ─┐
           PyQt4.QtGui.QDialog ─┐
                   object ─┐
      lotto.gui.auswertung.Ui_Dialog ─┐
```

lotto.auswertung.ui_lotto_auswertung
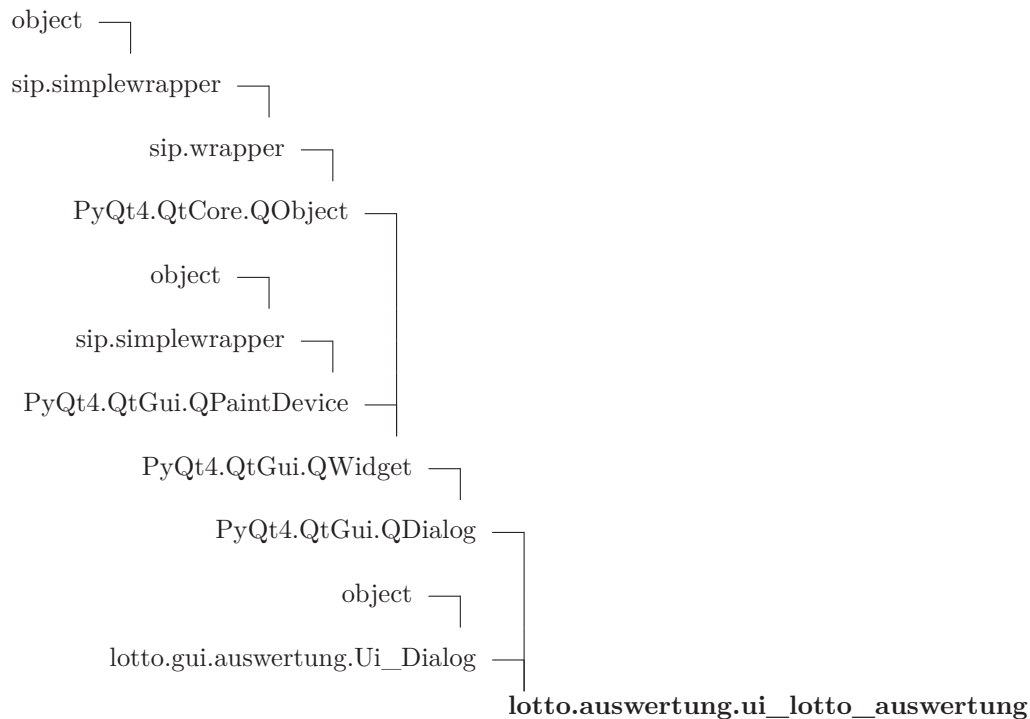
2.2.1   Methods

___init___(*self, rowid, data_handler*)
open analyze dialog Datenauswerte Dialog oeffnen

Parameters
     `data_handler:` *(type=datahandler)*
 	
     `rowid:`   *(type=int)*
 Return Value
     give close(0) back

Overrides: object.___init___

Inherited from PyQt4.QtGui.QDialog

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

Inherited from PyQt4.QtGui.QWidget

acceptDrops(), accessibleDescription(), accessibleName(), actionEvent(), actions(),

activateWindow(), addAction(), addActions(), adjustSize(), autoFillBackground(), backgroundRole(), baseSize(), changeEvent(), childAt(), childrenRect(), children-Region(), clearFocus(), clearMask(), close(), contentsMargins(), contentsRect(), contextMenuPolicy(), create(), cursor(), customContextMenuRequested(), destroy(), devType(), dragEnterEvent(), dragLeaveEvent(), dragMoveEvent(), dropEvent(), effectiveWinId(), enabledChange(), ensurePolished(), enterEvent(), event(), find(), focusInEvent(), focusNextChild(), focusNextPrevChild(), focusOutEvent(), focus-Policy(), focusPreviousChild(), focusProxy(), focusWidget(), font(), fontChange(), fontInfo(), fontMetrics(), foregroundRole(), frameGeometry(), frameSize(), geome-try(), getContentsMargins(), grabGesture(), grabKeyboard(), grabMouse(), grab-Shortcut(), graphicsEffect(), graphicsProxyWidget(), handle(), hasFocus(), has-MouseTracking(), height(), heightForWidth(), hide(), hideEvent(), inputContext(), inputMethodEvent(), inputMethodHints(), inputMethodQuery(), insertAction(), insertActions(), isActiveWindow(), isAncestorOf(), isEnabled(), isEnabledTo(), isEn-abledToTLW(), isFullScreen(), isHidden(), isLeftToRight(), isMaximized(), isMini-mized(), isModal(), isRightToLeft(), isTopLevel(), isVisible(), isVisibleTo(), isWin-dow(), isWindowModified(), keyReleaseEvent(), keyboardGrabber(), languageChange(), layout(), layoutDirection(), leaveEvent(), locale(), lower(), mapFrom(), mapFrom-Global(), mapFromParent(), mapTo(), mapToGlobal(), mapToParent(), mask(), maximumHeight(), maximumSize(), maximumWidth(), metric(), minimumHeight(), minimumSize(), minimumWidth(), mouseDoubleClickEvent(), mouseGrabber(), mouse-MoveEvent(), mousePressEvent(), mouseReleaseEvent(), move(), moveEvent(), na-tiveParentWidget(), nextInFocusChain(), normalGeometry(), overrideWindowFlags(), overrideWindowState(), paintEngine(), paintEvent(), palette(), paletteChange(), parentWidget(), pos(), previousInFocusChain(), raise_(), rect(), releaseKeyboard(), releaseMouse(), releaseShortcut(), removeAction(), render(), repaint(), resetInput-Context(), resize(), restoreGeometry(), saveGeometry(), scroll(), setAcceptDrops(), setAccessibleDescription(), setAccessibleName(), setAttribute(), setAutoFillBack-ground(), setBackgroundRole(), setBaseSize(), setContentsMargins(), setContextMenuPol-icy(), setCursor(), setDisabled(), setEnabled(), setFixedHeight(), setFixedSize(), setFixedWidth(), setFocus(), setFocusPolicy(), setFocusProxy(), setFont(), set-ForegroundRole(), setGeometry(), setGraphicsEffect(), setHidden(), setInputCon-text(), setInputMethodHints(), setLayout(), setLayoutDirection(), setLocale(), set-Mask(), setMaximumHeight(), setMaximumSize(), setMaximumWidth(), setMin-imumHeight(), setMinimumSize(), setMinimumWidth(), setMouseTracking(), set-Palette(), setParent(), setShortcutAutoRepeat(), setShortcutEnabled(), setShown(), setSizeIncrement(), setSizePolicy(), setStatusTip(), setStyle(), setStyleSheet(), set-TabOrder(), setToolTip(), setUpdatesEnabled(), setWhatsThis(), setWindowFilePath(), setWindowFlags(), setWindowIcon(), setWindowIconText(), setWindowModality(), setWindowModified(), setWindowOpacity(), setWindowRole(), setWindowState(), setWindowTitle(), show(), showFullScreen(), showMaximized(), showMinimized(), showNormal(), size(), sizeIncrement(), sizePolicy(), stackUnder(), statusTip(), style(), styleSheet(), tabletEvent(), testAttribute(), toolTip(), topLevelWidget(), under-Mouse(), ungrabGesture(), unsetCursor(), unsetLayoutDirection(), unsetLocale(),

update(), updateGeometry(), updateMicroFocus(), updatesEnabled(), visibleRegion(), whatsThis(), wheelEvent(), width(), winId(), window(), windowActivationChange(), windowFilePath(), windowFlags(), windowIcon(), windowIconText(), windowModality(), windowOpacity(), windowRole(), windowState(), windowTitle(), windowType(), x(), x11Info(), x11PictureHandle(), y()

Inherited from PyQt4.QtCore.QObject

___getattr___(), blockSignals(), childEvent(), children(), connect(), connectNotify(), customEvent(), deleteLater(), destroyed(), disconnect(), disconnectNotify(), dumpObjectInfo(), dumpObjectTree(), dynamicPropertyNames(), emit(), findChild(), findChildren(), inherits(), installEventFilter(), isWidgetType(), killTimer(), metaObject(), moveToThread(), objectName(), parent(), property(), pyqtConfigure(), receivers(), removeEventFilter(), sender(), senderSignalIndex(), setObjectName(), setProperty(), 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.gui.auswertung.Ui_Dialog(Section 5.2)

retranslateUi(), setupUi()

Inherited from object

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

2.2.2 Properties

Name	Description
Inherited from object	
___class___	

2.2.3 Class Variables

Name	Description
Inherited from PyQt4.QtGui.QDialog	
Accepted, Rejected	

Name	Description
Inherited from PyQt4.QtGui.QWidget	
DrawChildren, DrawWindowBackground, IgnoreMask	
Inherited from PyQt4.QtCore.QObject	
staticMetaObject	
Inherited from PyQt4.QtGui.QPaintDevice	
PdmDepth, PdmDpiX, PdmDpiY, PdmHeight, PdmHeightMM, PdmNumColors, PdmPhysicalDpiX, PdmPhysicalDpiY, PdmWidth, PdmWidthMM	

3 Module lotto.datahandler

the data handler for insert, get and delete data in the database

pyLottoverwaltung

Copyright (C) <2012-2013> Markus Hackspacher

This file is part of pyLottoverwaltung.

pyLottoverwaltung is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

pyLottoverwaltung is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU General Public License along with pyLottoverwaltung. If not, see <http://www.gnu.org/licenses/>.

3.1 Variables

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

3.2 Class Datahandler

object ⌐
    lotto.datahandler.Datahandler

3.2.1 Methods

___init___(*self, path*)

class init

Parameters

    path: *(type=string*

```
>>> data_handler = Datahandler(':memory:')
>>> data_handler.insert_ziehung('2013-03-13', [11, 12, 13, 14, 15, 16, 17],666
>>> data_handler.get_ziehung()
[(1, u'2013-03-13', 666, 777, 888, u'11,12,13,14,15,16,17')]
>>> data_handler.insert_ziehung('2013-03-12', [21 ,22, 23, 24, 25, 26, 27], 22
>>> data_handler.get_ziehung(2)
[(2, u'2013-03-12', 222, 333, 444, u'21,22,23,24,25,26,27')]
>>> data_handler.get_ziehung()
[(2, u'2013-03-12', 222, 333, 444, u'21,22,23,24,25,26,27'), (1, u'2013-03-13', 666, 777, 888, u

>>> data_handler.insert_schein('2013-03-13', [11, 12, 13, 14, 15, 16, 17], 2
>>> data_handler.get_schein()
[(1, u'2013-03-13', 2, 0, 888, u'11,12,13,14,15,16,17')]
>>> data_handler.insert_schein('2013-03-12', [21, 22, 23, 24, 25, 28], 1, 1, 4
>>> data_handler.get_schein(2)
[(2, u'2013-03-12', 1, 1, 444, u'21,22,23,24,25,28')]
>>> data_handler.get_schein()
[(2, u'2013-03-12', 1, 1, 444, u'21,22,23,24,25,28'), (1, u'2013-03-13', 2, 0, 888, u'11,12,13,1
>>> data_handler.get_id_numbers_of_ziehung(2)
[2]
>>> data_handler.get_id_numbers_of_ziehung(2, 3)
'error'
>>> data_handler.get_id_numbers_of_ziehung()
'error'
>>> data_handler.get_id_numbers_of_ziehung(number_list=[12, 27])
[1, 2]
>>> data_handler.dump()
>>> data_handler.delete_ziehung(1)
>>> data_handler.delete_ziehung(2)
>>> data_handler.get_ziehung()
[]
>>> data_handler.delete_schein(1)
>>> data_handler.delete_schein(2)
>>> data_handler.get_schein()
[]
)
```

Overrides: object.___init___

---

create_tables(*self*)

Tabellen erstellen mit id

---

insert_ziehung(*self, date, zahlen, zahl_super, zahl_spiel77, zahl_spielsuper6*)

Save the number of the draw in database Lottozahlen in der Datenbank speichern

Parameters
    `date:`   *(type=date)*

    `zahl_super:`   *(type=int)*

    `zahlen:`   *(type=list)*

    `zahl_spielsuper6:` *(type=int)*

    `zahl_spiel77:`   *(type=int)*

---

insert_schein(*self, date, zahlen, laufzeit, laufzeit_tag, scheinnr*)

Save the number of the tip in database Daten des Lottoscheines in der Datenbank speichern

Parameters
    `date:`   *(type=date)*

    `laufzeit:`   *(type=int)*

    `scheinnr:`   *(type=int)*

    `zahlen:`   *(type=list of int)*

    `laufzeit_tag:` *(type=int)*

---

get_ziehung(*self, rowid=*`None`*, date=*`None`*)

Daten der Ziehung der Lottozahlen auslesen

Parameters
    `date:` *(type=date)*

    `rowid:` *(type=int)*

Return Value
    data

get__id__numbers__of__ziehung(*self*, *id_lottoschein*=None, *number_list*=None)

Get id numbers of ziehung, with the id of lotteryticket Finde die ID Nummer der Ziehungsdaten, durch den Lottoschein

Parameters
  id_lottoschein: *(type=int)*

  number_list: *(type=list of int)*

Return Value
  data all the draw with the number of lotteryticket

---

get__schein(*self*, *rowid*=None)

Get data from Lottoscheines Daten des Lottoscheines auslesen

Parameters
  rowid: *(type=int)*

Return Value
  data

---

delete__ziehung(*self*, *rowid*)

Daten der Ziehung der Lottozahlen löschen

Parameters
  rowid: *(type=int)*

---

delete__schein(*self*, *rowid*)

Daten eines Lottoscheines löschen

Parameters
  rowid: *(type=int)*

---

dump(*self*)

write dump file

___del___(*self*)

close connection of database

Inherited from object

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

3.2.2 Properties

Name	Description
Inherited from object	
__class__	

4 Package lotto.gui

4.1 Modules

- **auswertung** *(Section 5, p. 16)*
- **dialog_kalender** *(Section 6, p. 17)*
- **lotto_dateneing** *(Section 7, p. 18)*

4.2 Variables

Name	Description
___package___	**Value:** `None`

5 Module lotto.gui.auswertung

5.1 Variables

Name	Description
__package__	**Value:** `'lotto.gui'`

5.2 Class Ui_Dialog

object ⌐
       lotto.gui.auswertung.Ui_Dialog

Known Subclasses: lotto.auswertung.ui_lotto_auswertung

5.2.1 Methods

setupUi(*self, Dialog*)

retranslateUi(*self, Dialog*)

Inherited from object

__delattr__(), __format__(), __getattribute__(), __hash__(), __init__(),
__new__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(),
__sizeof__(), __str__(), __subclasshook__()

5.2.2 Properties

Name	Description
Inherited from object	
__class__	

6 Module lotto.gui.dialog_kalender

6.1 Variables

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

6.2 Class Ui_Dialog

object ───┐

       lotto.gui.dialog_kalender.Ui_Dialog

Known Subclasses: lotto.kalender_datum.ui_kalender

6.2.1 Methods

setupUi(*self, Dialog*)

retranslateUi(*self, Dialog*)

Inherited from object

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

6.2.2 Properties

Name	Description
Inherited from object	
___class___	

7 Module lotto.gui.lotto_dateneing

7.1 Variables

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

7.2 Class Ui_MainWindow

object —┐
         lotto.gui.lotto_dateneing.Ui_MainWindow

Known Subclasses: lotto.lotto_gui_dateneing.MeinDialog

7.2.1 Methods

setupUi(*self, MainWindow*)

retranslateUi(*self, MainWindow*)

Inherited from object

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

7.2.2 Properties

Name	Description
Inherited from object ___class___	

8 Module lotto.kalender__datum

pyLottoverwaltung

Copyright (C) <2012-2013> Markus Hackspacher

This file is part of pyLottoverwaltung.

pyLottoverwaltung is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.
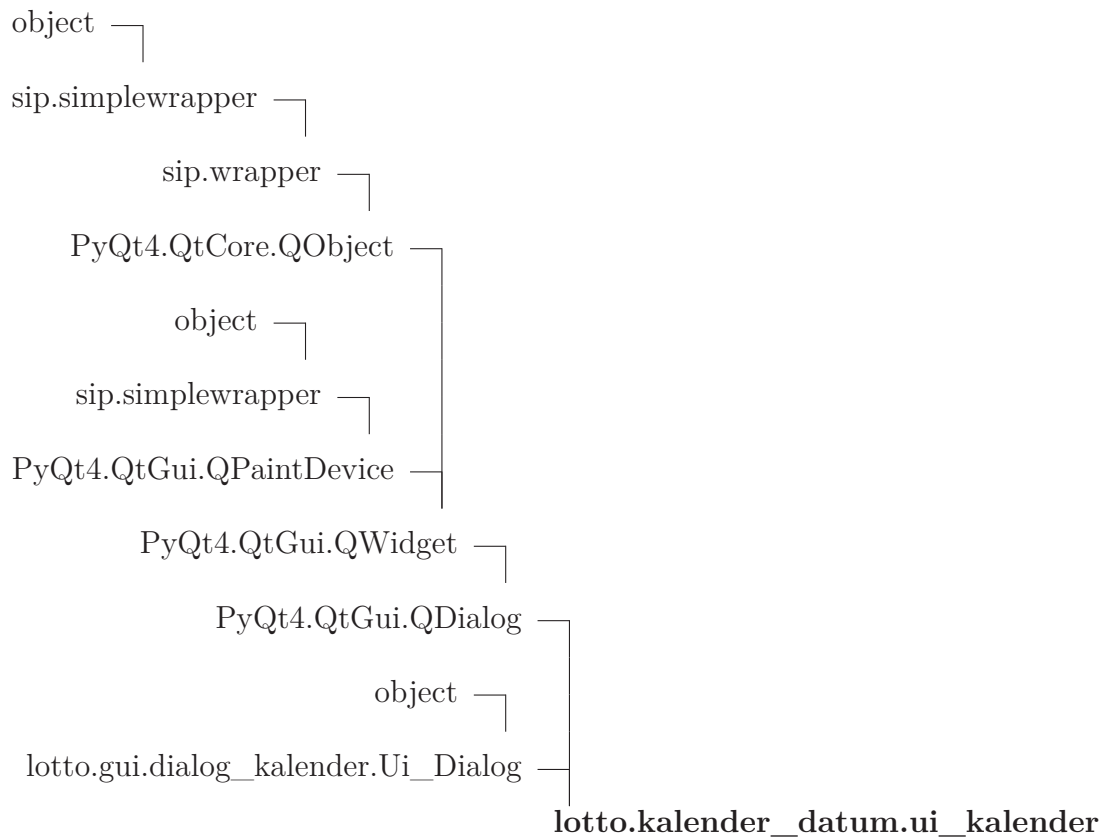
pyLottoverwaltung is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU General Public License along with pyLottoverwaltung. If not, see <http://www.gnu.org/licenses/>.

8.1 Variables

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

8.2   Class ui_kalender

object ─┐

sip.simplewrapper ─┐

sip.wrapper ─┐

PyQt4.QtCore.QObject ─

object ─┐

sip.simplewrapper ─

PyQt4.QtGui.QPaintDevice ─

PyQt4.QtGui.QWidget ─┐

PyQt4.QtGui.QDialog ─┐

object ─┐

lotto.gui.dialog_kalender.Ui_Dialog ─

lotto.kalender_datum.ui_kalender

8.2.1   Methods

__init__(*self, year, month, day*)
open kalender dialog Kalender Dialog oeffnen

Parameters
     month: *(type=int)*
 	
     day: *(type=int)*
 	
     year: *(type=int)*

Overrides: object.__init__

kalender(*self*)
Return the date of the calender
Return Value   datum

Inherited from PyQt4.QtGui.QDialog

accept(), accepted(), closeEvent(), contextMenuEvent(), done(), eventFilter(), exec_(),
extension(), finished(), isSizeGripEnabled(), keyPressEvent(), minimumSizeHint(),
open(), orientation(), reject(), rejected(), resizeEvent(), result(), setExtension(),
setModal(), setOrientation(), setResult(), setSizeGripEnabled(), setVisible(), show-
Event(), showExtension(), sizeHint()

Inherited from PyQt4.QtGui.QWidget

acceptDrops(), accessibleDescription(), accessibleName(), actionEvent(), actions(),
activateWindow(), addAction(), addActions(), adjustSize(), autoFillBackground(),
backgroundRole(), baseSize(), changeEvent(), childAt(), childrenRect(), children-
Region(), clearFocus(), clearMask(), close(), contentsMargins(), contentsRect(),
contextMenuPolicy(), create(), cursor(), customContextMenuRequested(), destroy(),
devType(), dragEnterEvent(), dragLeaveEvent(), dragMoveEvent(), dropEvent(),
effectiveWinId(), enabledChange(), ensurePolished(), enterEvent(), event(), find(),
focusInEvent(), focusNextChild(), focusNextPrevChild(), focusOutEvent(), focus-
Policy(), focusPreviousChild(), focusProxy(), focusWidget(), font(), fontChange(),
fontInfo(), fontMetrics(), foregroundRole(), frameGeometry(), frameSize(), geome-
try(), getContentsMargins(), grabGesture(), grabKeyboard(), grabMouse(), grab-
Shortcut(), graphicsEffect(), graphicsProxyWidget(), handle(), hasFocus(), has-
MouseTracking(), height(), heightForWidth(), hide(), hideEvent(), inputContext(),
inputMethodEvent(), inputMethodHints(), inputMethodQuery(), insertAction(),
insertActions(), isActiveWindow(), isAncestorOf(), isEnabled(), isEnabledTo(), isEn-
abledToTLW(), isFullScreen(), isHidden(), isLeftToRight(), isMaximized(), isMini-
mized(), isModal(), isRightToLeft(), isTopLevel(), isVisible(), isVisibleTo(), isWin-
dow(), isWindowModified(), keyReleaseEvent(), keyboardGrabber(), languageChange(),
layout(), layoutDirection(), leaveEvent(), locale(), lower(), mapFrom(), mapFrom-
Global(), mapFromParent(), mapTo(), mapToGlobal(), mapToParent(), mask(),
maximumHeight(), maximumSize(), maximumWidth(), metric(), minimumHeight(),
minimumSize(), minimumWidth(), mouseDoubleClickEvent(), mouseGrabber(), mouse-
MoveEvent(), mousePressEvent(), mouseReleaseEvent(), move(), moveEvent(), na-
tiveParentWidget(), nextInFocusChain(), normalGeometry(), overrideWindowFlags(),
overrideWindowState(), paintEngine(), paintEvent(), palette(), paletteChange(),
parentWidget(), pos(), previousInFocusChain(), raise_(), rect(), releaseKeyboard(),
releaseMouse(), releaseShortcut(), removeAction(), render(), repaint(), resetInput-
Context(), resize(), restoreGeometry(), saveGeometry(), scroll(), setAcceptDrops(),
setAccessibleDescription(), setAccessibleName(), setAttribute(), setAutoFillBack-
ground(), setBackgroundRole(), setBaseSize(), setContentsMargins(), setContextMenuPol-
icy(), setCursor(), setDisabled(), setEnabled(), setFixedHeight(), setFixedSize(),
setFixedWidth(), setFocus(), setFocusPolicy(), setFocusProxy(), setFont(), set-
ForegroundRole(), setGeometry(), setGraphicsEffect(), setHidden(), setInputCon-
text(), setInputMethodHints(), setLayout(), setLayoutDirection(), setLocale(), set-
Mask(), setMaximumHeight(), setMaximumSize(), setMaximumWidth(), setMin-

imumHeight(), setMinimumSize(), setMinimumWidth(), setMouseTracking(), set-
Palette(), setParent(), setShortcutAutoRepeat(), setShortcutEnabled(), setShown(),
setSizeIncrement(), setSizePolicy(), setStatusTip(), setStyle(), setStyleSheet(), set-
TabOrder(), setToolTip(), setUpdatesEnabled(), setWhatsThis(), setWindowFilePath(),
setWindowFlags(), setWindowIcon(), setWindowIconText(), setWindowModality(),
setWindowModified(), setWindowOpacity(), setWindowRole(), setWindowState(),
setWindowTitle(), show(), showFullScreen(), showMaximized(), showMinimized(),
showNormal(), size(), sizeIncrement(), sizePolicy(), stackUnder(), statusTip(), style(),
styleSheet(), tabletEvent(), testAttribute(), toolTip(), topLevelWidget(), under-
Mouse(), ungrabGesture(), unsetCursor(), unsetLayoutDirection(), unsetLocale(),
update(), updateGeometry(), updateMicroFocus(), updatesEnabled(), visibleRe-
gion(), whatsThis(), wheelEvent(), width(), winId(), window(), windowActivation-
Change(), windowFilePath(), windowFlags(), windowIcon(), windowIconText(),
windowModality(), windowOpacity(), windowRole(), windowState(), windowTi-
tle(), 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(), findChild(),
findChildren(), inherits(), installEventFilter(), isWidgetType(), killTimer(), metaOb-
ject(), moveToThread(), objectName(), parent(), property(), pyqtConfigure(), re-
ceivers(), removeEventFilter(), sender(), senderSignalIndex(), setObjectName(),
setProperty(), 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.gui.dialog__kalender.Ui__Dialog(Section 6.2)

retranslateUi(), setupUi()

Inherited from object

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

8.2.2 Properties

Name	Description
Inherited from object	
___class___	

8.2.3 Class Variables

Name	Description
Inherited from PyQt4.QtGui.QDialog	
Accepted, Rejected	
Inherited from PyQt4.QtGui.QWidget	
DrawChildren, DrawWindowBackground, IgnoreMask	
Inherited from PyQt4.QtCore.QObject	
staticMetaObject	
Inherited from PyQt4.QtGui.QPaintDevice	
PdmDepth, PdmDpiX, PdmDpiY, PdmHeight, PdmHeightMM, PdmNumColors, PdmPhysicalDpiX, PdmPhysicalDpiY, PdmWidth, PdmWidthMM	

9   Module lotto.lotto__gui__dateneing

pyLottoverwaltung

Copyright (C) <2012-2013> Markus Hackspacher

This file is part of pyLottoverwaltung.

pyLottoverwaltung is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

pyLottoverwaltung is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU General Public License along with pyLottoverwaltung. If not, see <http://www.gnu.org/licenses/>.
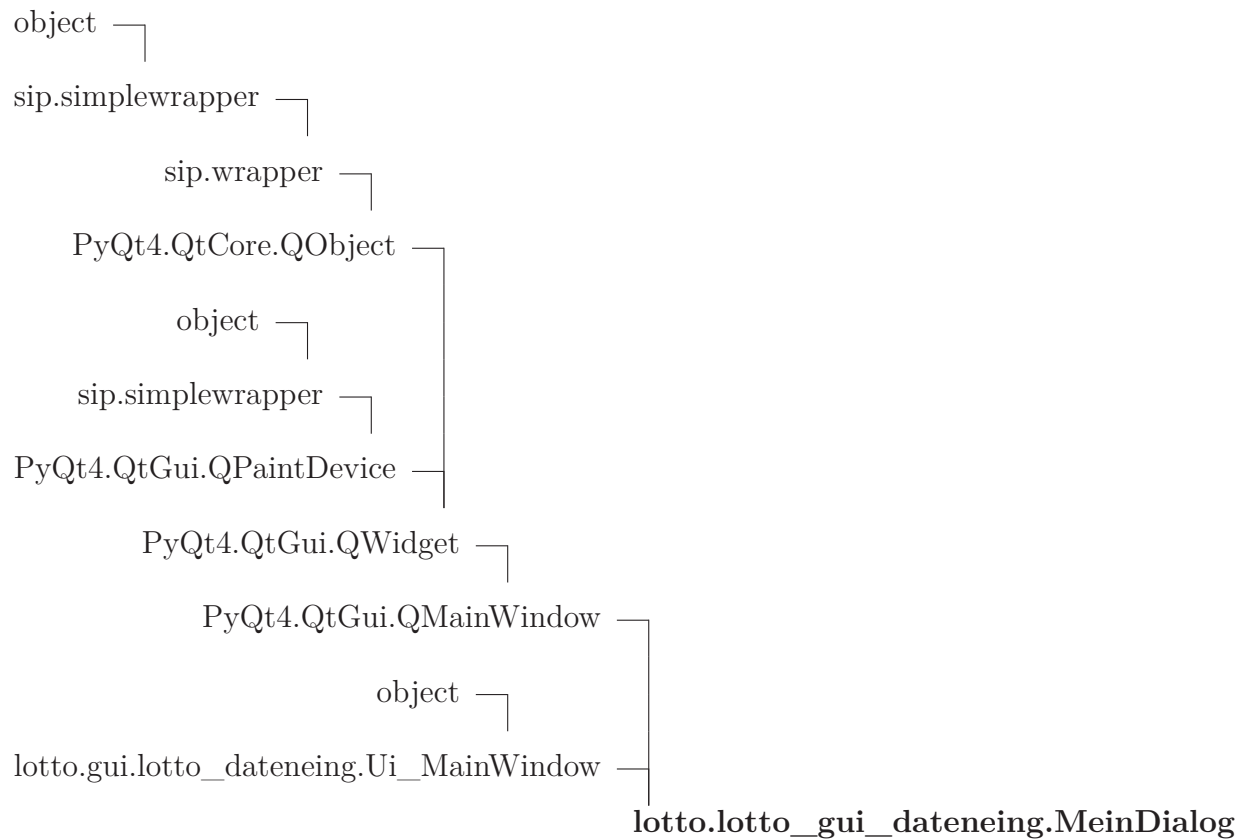
9.1   Functions

gui()

9.2   Variables

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

9.3 Class MeinDialog

object ─┐

sip.simplewrapper ─┐

    sip.wrapper ─┐

        PyQt4.QtCore.QObject ─┐

        object ─┐

    sip.simplewrapper ─┐

PyQt4.QtGui.QPaintDevice ─┤

    PyQt4.QtGui.QWidget ─┐

        PyQt4.QtGui.QMainWindow ─┐

        object ─┐

lotto.gui.lotto_dateneing.Ui_MainWindow ─┤

        lotto.lotto_gui_dateneing.MeinDialog

9.3.1 Methods

___init___(*self*)

inital the main window 1 to 49 button, 7 spinbox, calender, datafield

Overrides: object.___init___

---

onbtn_kalender(*self*)

Kalender Dialog öffen

---

ondaten_gewinnz(*self*)

Anzeigen der Gewinnzahlen an den Auswahlfeld Auslesen der Zeilennumer
Den Text der Zeile in der Beschriftung ausgeben

---

ondaten__lottoschein(*self*)

Anzeigen der Daten des Lottoscheins an den Auswahlfeld Auslesen der Zeilennumer Den Text der Zeile in der Beschriftung ausgeben

---

onInfo(*self*)

Programm Info

---

closeEvent(*self, event*)

the program exit

Overrides: PyQt4.QtGui.QWidget.closeEvent

---

onData__lottode(*self*)

Load the actual draw from lotto.de

---

onData__lottozahlenonlinede(*self, first__year, last__year*)

Load the draw from lottozahlenonline.de

---

spinBox__1to7__clear(*self, number*)

Die SpinBoxen 1 bis 6 und Zusatzzahl löschen

---

onEingabefeld__1to49(*self, zahl*)

Ein Zahlenfelder 1 bis 49 wurde angeklickt

---

focusSpinBox__1to7(*self, number*)

Ein Auswahlfelder der 7 Gewinnzahlen oder Lottoscheins hat sich geaendert

---

onbtn__hinzu(*self*)

drawing numbers move in database

---

onBtn__ls__auswerten(*self*)

den Lottoschein auswerten

---

onBtn__gz__anzeigen(*self*)

show drawing numbers Gewinnzahlen im großen Feld anzeigen

---

onBtn_ls_anzeigen(*self*)

show tip numbers Lottoschein im großen Feld anzeigen,

---

onBtn_gz_loeschen(*self*)

delete drawing numbers from the database Gewinnzahlen einer Ziehung aus der Datenbank loeschen

---

onBtn_ls_loeschen(*self*)

delete tip numbers from the database Lottoschein aus der Datenbank loeschen

---

onBtn_ls_laden(*self*)

Read the Lottoschein from the Database loading into the QPlainTextEdit

---

onBtn_gz_laden(*self*)

Read the Gewinnzahlen from the Database loading into the QPlainTextEdit

---

onCBox_gz_kompl_ausgeben(*self*)

CheckBox: Show the complete database in TextEdit

---

onbtn_zufall(*self*)

Die Zufallszahen generieren

---

onbtn_set_calender_today(*self*)

set calender today

---

onmodus(*self*)

Wenn der Eingabe-Modus wechsel werden Schaltflächen an oder ab geschaltet

---

geaendert(*self*)

Überprüfen der SpinBoxen damit nicht zwei den gleichen Wert haben

---

geaendert_btn(*self*)

in den SpinBoxen die Nummern der Zahlen 1 bis 49 anzeigen wenn die Zahl abgewaehlt wird, wird auch der Wert der entsprechende Spinbox geloescht

draw_numbers(*self*)
this numbers are in the draw

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(), 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(), getContentsMargins(), grabGesture(), grabKeyboard(), grabMouse(), grabShortcut(), graphicsEffect(), graphicsProxyWidget(), handle(), hasFocus(), hasMouseTracking(), height(), heightForWidth(), hide(), hideEvent(), inputContext(), inputMethodEvent(), inputMethodHints(), inputMethodQuery(), insertAction(), insertActions(), isActiveWindow(), isAncestorOf(), isEnabled(), isEnabledTo(), isEnabledToTLW(), isFullScreen(), isHidden(), isLeftToRight(), isMaximized(), isMinimized(), isModal(), isRightToLeft(), isTopLevel(), isVisible(), isVisibleTo(), isWindow(), isWindowModified(), keyPressEvent(), keyReleaseEvent(), keyboardGrabber(), languageChange(), 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(), nativeParentWidget(), nextInFocusChain(), normalGeometry(), overrideWindowFlags(), overrideWindowState(), paintEngine(),

paintEvent(), palette(), paletteChange(), parentWidget(), pos(), previousInFocusChain(), raise_(), rect(), releaseKeyboard(), releaseMouse(), releaseShortcut(), removeAction(), render(), repaint(), resetInputContext(), 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(), setInputContext(), setInputMethodHints(), setLayout(), setLayoutDirection(), setLocale(), setMask(), setMaximumHeight(), setMaximumSize(), setMaximumWidth(), setMinimumHeight(), setMinimumSize(), setMinimumWidth(), setMouseTracking(), setPalette(), setParent(), setShortcutAutoRepeat(), setShortcutEnabled(), setShown(), setSizeIncrement(), setSizePolicy(), setStatusTip(), setStyle(), setStyleSheet(), setTabOrder(), setToolTip(), setUpdatesEnabled(), setVisible(), setWhatsThis(), setWindowFilePath(), setWindowFlags(), setWindowIcon(), setWindowIconText(), setWindowModality(), setWindowModified(), setWindowOpacity(), setWindowRole(), setWindowState(), setWindowTitle(), show(), showEvent(), showFullScreen(), showMaximized(), showMinimized(), showNormal(), size(), sizeHint(), sizeIncrement(), sizePolicy(), stackUnder(), statusTip(), style(), styleSheet(), tabletEvent(), testAttribute(), toolTip(), topLevelWidget(), underMouse(), ungrabGesture(), unsetCursor(), unsetLayoutDirection(), unsetLocale(), update(), updateGeometry(), updateMicroFocus(), updatesEnabled(), visibleRegion(), whatsThis(), wheelEvent(), width(), winId(), window(), windowActivationChange(), windowFilePath(), windowFlags(), windowIcon(), windowIconText(), windowModality(), windowOpacity(), windowRole(), windowState(), windowTitle(), windowType(), x(), x11Info(), x11PictureHandle(), y()

Inherited from *PyQt4.QtCore.QObject*

__getattr__(), blockSignals(), childEvent(), children(), connect(), connectNotify(), customEvent(), deleteLater(), destroyed(), disconnect(), disconnectNotify(), dumpObjectInfo(), dumpObjectTree(), dynamicPropertyNames(), emit(), eventFilter(), findChild(), findChildren(), inherits(), installEventFilter(), isWidgetType(), killTimer(), metaObject(), moveToThread(), objectName(), parent(), property(), pyqtConfigure(), receivers(), removeEventFilter(), sender(), senderSignalIndex(), setObjectName(), setProperty(), 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.gui.lotto__dateneing.Ui__MainWindow(Section 7.2)

retranslateUi(), setupUi()

Inherited from object

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

9.3.2 Properties

Name	Description
Inherited from object	
___class___	

9.3.3 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	
PdmDepth, PdmDpiX, PdmDpiY, PdmHeight, PdmHeightMM, PdmNumColors, PdmPhysicalDpiX, PdmPhysicalDpiY, PdmWidth, PdmWidthMM	

10   Module lotto.webzugriff

pyLottoverwaltung

Copyright (C) <2012-2013> Markus Hackspacher

This file is part of pyLottoverwaltung.

pyLottoverwaltung is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

pyLottoverwaltung is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU General Public License along with pyLottoverwaltung. If not, see <http://www.gnu.org/licenses/>.

10.1   Functions

---

data__from__webpage()

Data from lotto.de

Return Value
> datum, list of numbers (draw 1-6, Zusatzzahl, Superzahl, Spiel77, Super6)

---

data__from__achiv(*data_handler*, *quote_url*=`None`)

Data from www.lottozahlenonline.de

---

test__data__from__webpage()

10.2   Variables

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

11 Module lotto.zufallszahl

Erzeugen einer Zufallszahl, mit Modultest beim direkten Aufruf

pyLottoverwaltung

11.1 Functions

---

zufallszahlen(*anzahl, maxwert*)

Zufallszahl ermitteln und als Wuerfelergebnis nehmen return random valve

Parameters

    `anzahl`:   Gibt die Anzahl der Ausgabewerte an.

              (type=int)

    `maxwert`: Gibt den höchsten Zahlenwert an

              (type=int)

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]
```

11.2 Variables

Name	Description
__package__	**Value:** 'lotto'

Index