API Documentation

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June 23, 2015

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pyLottoSimu,

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1.2 Variables

Name	Description
__package__	**Value:** `None`

2 Package pylottosimu.dialog

2.1 Modules

- **lottosystem**: pyLottoSimu
  (Section 3, p. 5)
- **show_drawing**: pyLottoSimu
  (Section 4, p. 10)

2.2 Variables

Name	Description
__package__	**Value:** `None`

3 Module pylottosimu.dialog.lottosystem

pyLottoSimu

3.1 Functions

gui(*arguments*, *sysdat*)

Open the GUI of the LottoSettings Dialog

Parameters

`arguments`: language, see in folder translate

(type=string)

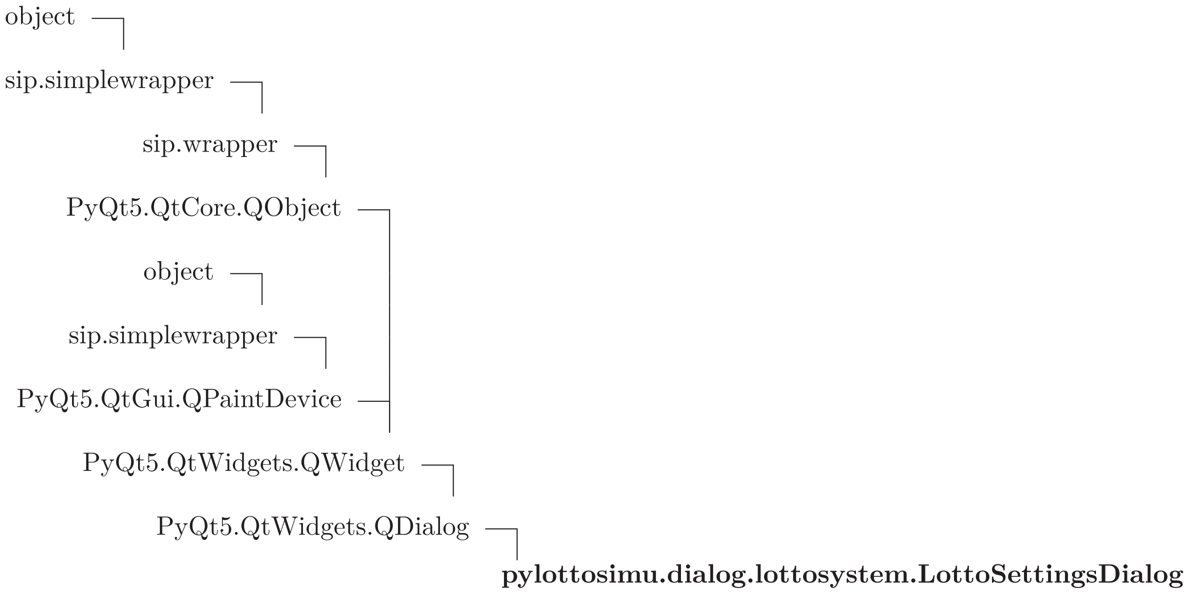
Return Value

none

3.2 Variables

Name	Description
__package__	**Value:** `'pylottosimu.dialog'`

3.3 Class LottoSettingsDialog



The GUI of Settings.

3.3.1 Methods

__init__(*self*, *sysdat*, *parent*=None)

Inital user interface and slots

Return Value

none

Overrides: object.__init__

getValues(*sysdat*, *parent*=None)

getValues

init(*self*)

Initial variable

Return Value

none

sep_addit_numbers(*self*)

setvalues(*self*)

Set Values

values(*self*)

Values

with_addit(*self*)

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__(), __getattribute__(), __hash__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

3.3.2 Properties

Name	Description
Inherited from object __class__	

3.3.3 Class Variables

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

3.4 Class lottosystemdata

3.4.1 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*)

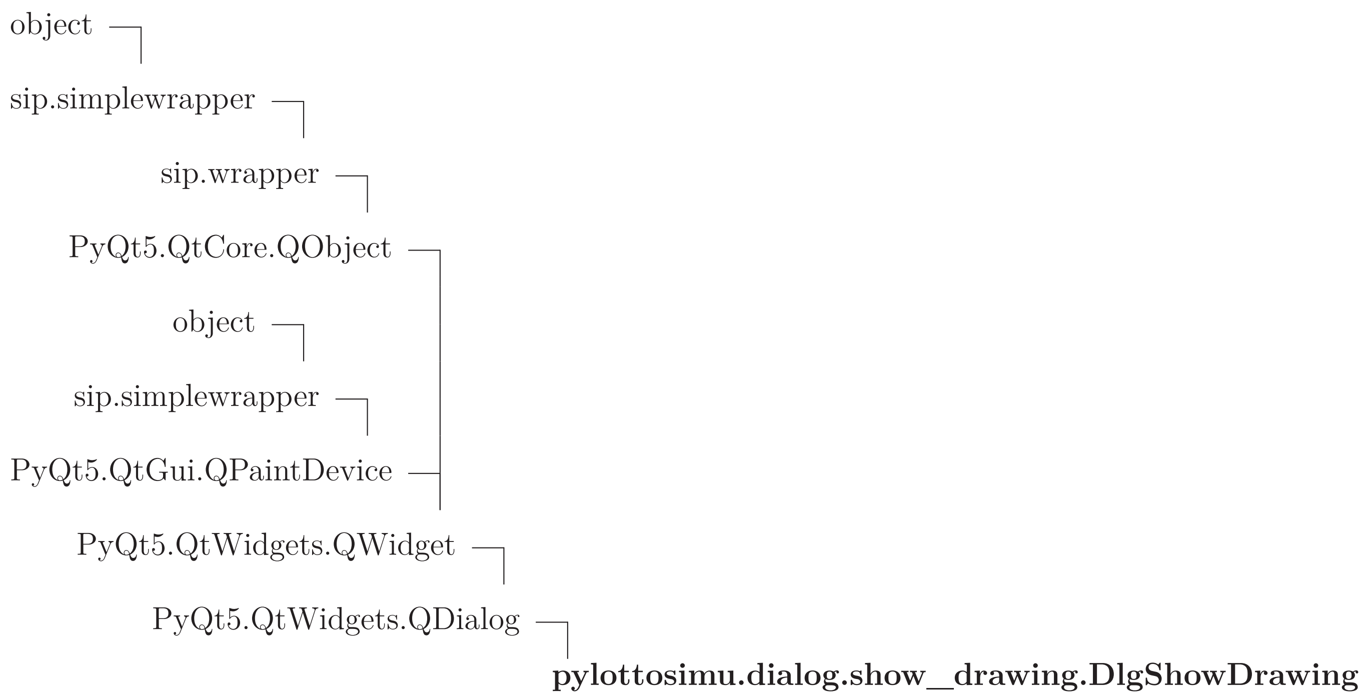
4 Module pylottosimu.dialog.show_drawing

pyLottoSimu

4.1 Variables

Name	Description
__package__	**Value:** `'pylottosimu.dialog'`

4.2 Class DlgShowDrawing



Show the numbers in a dialog box

4.2.1 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(), 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__(), __getattribute__(), __hash__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

4.2.2 Properties

Name	Description
Inherited from object	
__class__	

4.2.3 Class Variables

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

5 Module pylottosimu.lottokugeln_rc

5.1 Functions

qInitResources()

qCleanupResources()

5.2 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:** 'pylottosimu'

6 Module pylottosimu.lottokugeln_rc3

6.1 Functions

qInitResources()

qCleanupResources()

6.2 Variables

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

7 Module pylottosimu.lottokugeln_rc3_qt5

7.1 Functions

qInitResources()

qCleanupResources()

7.2 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:** `'pylottosimu'`

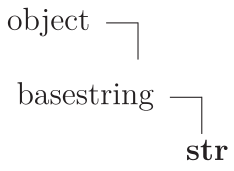
8 Module pylottosimu.lottosystem

pyLottoSimu

8.1 Variables

Name	Description
__package__	**Value:** `'pylottosimu'`

8.2 Class str



str(object='') -> string

Return a nice string representation of the object. If the argument is a string, the return value is the same object.

8.2.1 Methods

__add__(*x*, *y*)

x+y

__contains__(*x*, *y*)

y in x

__eq__(*x*, *y*)

x==y

__format__(*S*, *format_spec*)

Return a formatted version of S as described by format_spec.

Return Value

string

Overrides: object.__format__

__ge__(*x*, *y*)

x>=y

__getattribute__(*...*)

x.__getattribute__('name') <==> x.name

Overrides: object.__getattribute__

__getitem__(*x*, *y*)

x[y]

__getnewargs__(*...*)

__getslice__(*x*, *i*, *j*)

x[i:j]

Use of negative indices is not supported.

__gt__(*x*, *y*)

x>y

__hash__(*x*)

hash(x)

Overrides: object.__hash__

__le__(*x*, *y*)

x<=y

__len__(*x*)

len(x)

__lt__(*x*, *y*)

x<y

__mod__(*x*, *y*)

x%y

__mul__(*x*, *n*)

x*n

__ne__(*x*, *y*)

x!=y

__new__(*T*, *S*, *...*)

Return Value

a new object with type S, a subtype of T

Overrides: object.__new__

__repr__(*x*)

repr(x)

Overrides: object.__repr__

__rmod__(*x*, *y*)

y%x

__rmul__(*x*, *n*)

n*x

__sizeof__(*S*)

size of object in memory, in bytes

Return Value

size of S in memory, in bytes

Overrides: object.__sizeof__

__str__(*x*)

str(x)

Overrides: object.__str__

capitalize(*S*)

Return a copy of the string S with only its first character capitalized.

Return Value

string

center(*S*, *width*, *fillchar=...*)

Return S centered in a string of length width. Padding is done using the specified fill character (default is a space)

Return Value

string

count(*S*, *sub*, *start=...*, *end=...*)

Return the number of non-overlapping occurrences of substring sub in string S[start:end]. Optional arguments start and end are interpreted as in slice notation.

Return Value

int

decode(*S*, *encoding=...*, *errors=...*)

Decodes S using the codec registered for encoding. encoding defaults to the default encoding. errors may be given to set a different error handling scheme. Default is 'strict' meaning that encoding errors raise a UnicodeDecodeError. Other possible values are 'ignore' and 'replace' as well as any other name registered with codecs.register_error that is able to handle UnicodeDecodeErrors.

Return Value

object

encode(*S*, *encoding=...*, *errors=...*)

Encodes S using the codec registered for encoding. encoding defaults to the default encoding. errors may be given to set a different error handling scheme. Default is 'strict' meaning that encoding errors raise a UnicodeEncodeError. Other possible values are 'ignore', 'replace' and 'xmlcharrefreplace' as well as any other name registered with codecs.register_error that is able to handle UnicodeEncodeErrors.

Return Value

object

endswith(*S*, *suffix*, *start=...*, *end=...*)

Return True if S ends with the specified suffix, False otherwise. With optional start, test S beginning at that position. With optional end, stop comparing S at that position. suffix can also be a tuple of strings to try.

Return Value

bool

expandtabs(*S*, *tabsize=...*)

Return a copy of S where all tab characters are expanded using spaces. If tabsize is not given, a tab size of 8 characters is assumed.

Return Value

string

find(*S*, *sub*, *start=...* , *end=...*)

Return the lowest index in S where substring sub is found, such that sub is contained within S[start:end]. Optional arguments start and end are interpreted as in slice notation.

Return -1 on failure.

Return Value

int

format(*S*, **args*, ***kwargs*)

Return a formatted version of S, using substitutions from args and kwargs. The substitutions are identified by braces ('{' and '}').

Return Value

string

index(*S*, *sub*, *start*=. . . , *end*=. . .)

Like S.find() but raise ValueError when the substring is not found.

Return Value

int

isalnum(*S*)

Return True if all characters in S are alphanumeric and there is at least one character in S, False otherwise.

Return Value

bool

isalpha(*S*)

Return True if all characters in S are alphabetic and there is at least one character in S, False otherwise.

Return Value

bool

isdigit(*S*)

Return True if all characters in S are digits and there is at least one character in S, False otherwise.

Return Value

bool

islower(*S*)

Return True if all cased characters in S are lowercase and there is at least one cased character in S, False otherwise.

Return Value

bool

isspace(*S*)

Return True if all characters in S are whitespace and there is at least one character in S, False otherwise.

Return Value

bool

istitle(*S*)

Return True if S is a titlecased string and there is at least one character in S, i.e. uppercase characters may only follow uncased characters and lowercase characters only cased ones. Return False otherwise.

Return Value
bool

isupper(*S*)

Return True if all cased characters in S are uppercase and there is at least one cased character in S, False otherwise.

Return Value
bool

join(*S*, *iterable*)

Return a string which is the concatenation of the strings in the iterable. The separator between elements is S.

Return Value
string

ljust(*S*, *width*, *fillchar*=...)

Return S left-justified in a string of length width. Padding is done using the specified fill character (default is a space).

Return Value
string

lower(*S*)

Return a copy of the string S converted to lowercase.

Return Value
string

lstrip(*S*, *chars*=...)

Return a copy of the string S with leading whitespace removed. If chars is given and not None, remove characters in chars instead. If chars is unicode, S will be converted to unicode before stripping

Return Value
string or unicode

partition(*S*, *sep*)

Search for the separator sep in S, and return the part before it, the separator itself, and the part after it. If the separator is not found, return S and two empty strings.

Return Value

(head, sep, tail)

replace(*S*, *old*, *new*, *count*=. . .)

Return a copy of string S with all occurrences of substring old replaced by new. If the optional argument count is given, only the first count occurrences are replaced.

Return Value

string

rfind(*S*, *sub*, *start*=. . . , *end*=. . .)

Return the highest index in S where substring sub is found, such that sub is contained within S[start:end]. Optional arguments start and end are interpreted as in slice notation.

Return -1 on failure.

Return Value

int

rindex(*S*, *sub*, *start*=. . . , *end*=. . .)

Like S.rfind() but raise ValueError when the substring is not found.

Return Value

int

rjust(*S*, *width*, *fillchar*=. . .)

Return S right-justified in a string of length width. Padding is done using the specified fill character (default is a space)

Return Value

string

rpartition(*S*, *sep*)

Search for the separator sep in S, starting at the end of S, and return the part before it, the separator itself, and the part after it. If the separator is not found, return two empty strings and S.

Return Value

(head, sep, tail)

rsplit(*S*, *sep*=. . . , *maxsplit*=. . .)

Return a list of the words in the string S, using sep as the delimiter string, starting at the end of the string and working to the front. If maxsplit is given, at most maxsplit splits are done. If sep is not specified or is None, any whitespace string is a separator.

Return Value

list of strings

rstrip(*S*, *chars*=. . .)

Return a copy of the string S with trailing whitespace removed. If chars is given and not None, remove characters in chars instead. If chars is unicode, S will be converted to unicode before stripping

Return Value

string or unicode

split(*S*, *sep*=. . . , *maxsplit*=. . .)

Return a list of the words in the string S, using sep as the delimiter string. If maxsplit is given, at most maxsplit splits are done. If sep is not specified or is None, any whitespace string is a separator and empty strings are removed from the result.

Return Value

list of strings

splitlines(*S*, *keepends*=`False`)

Return a list of the lines in S, breaking at line boundaries. Line breaks are not included in the resulting list unless keepends is given and true.

Return Value

list of strings

startswith(*S*, *prefix*, *start*=. . ., *end*=. . .)

Return True if S starts with the specified prefix, False otherwise. With optional start, test S beginning at that position. With optional end, stop comparing S at that position. prefix can also be a tuple of strings to try.

Return Value

bool

strip(*S*, *chars*=. . .)

Return a copy of the string S with leading and trailing whitespace removed. If chars is given and not None, remove characters in chars instead. If chars is unicode, S will be converted to unicode before stripping

Return Value

string or unicode

swapcase(*S*)

Return a copy of the string S with uppercase characters converted to lowercase and vice versa.

Return Value

string

title(*S*)

Return a titlecased version of S, i.e. words start with uppercase characters, all remaining cased characters have lowercase.

Return Value

string

translate(*S*, *table*, *deletechars*=. . .)

Return a copy of the string S, where all characters occurring in the optional argument deletechars are removed, and the remaining characters have been mapped through the given translation table, which must be a string of length 256 or None. If the table argument is None, no translation is applied and the operation simply removes the characters in deletechars.

Return Value

string

upper(*S*)

Return a copy of the string S converted to uppercase.

Return Value

string

zfill(*S*, *width*)

Pad a numeric string S with zeros on the left, to fill a field of the specified width. The string S is never truncated.

Return Value

string

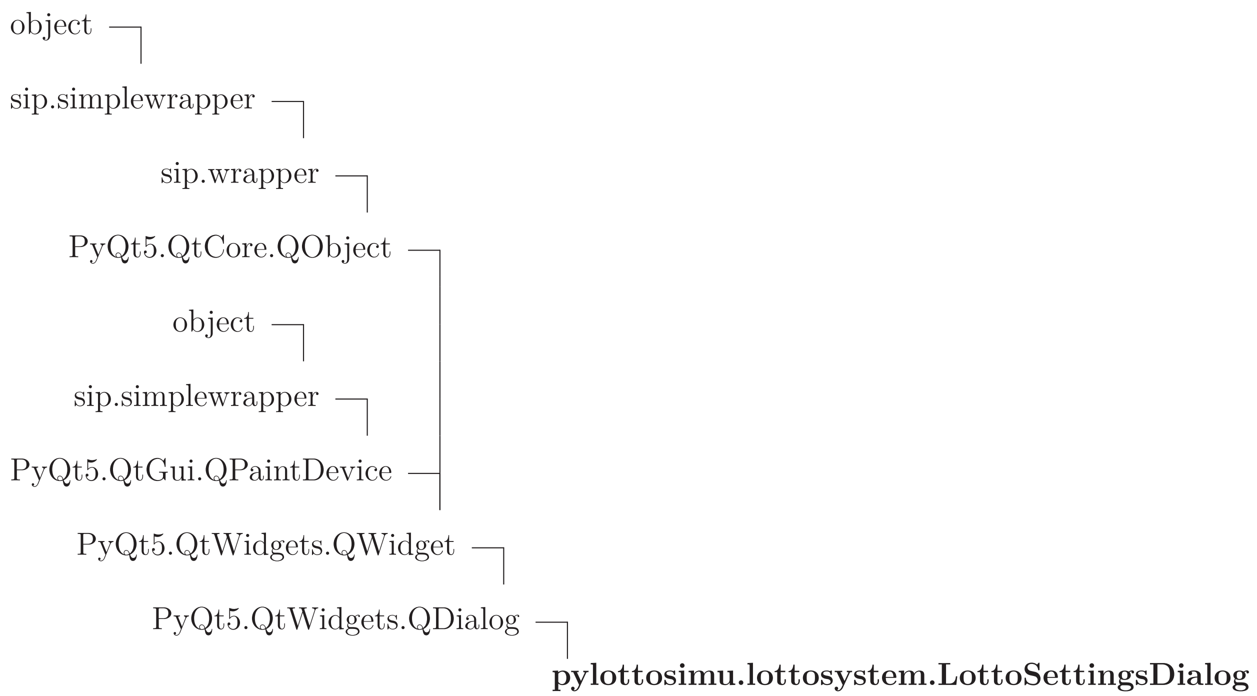
Inherited from object

__delattr__(), __init__(), __reduce__(), __reduce_ex__(), __setattr__(), __subclasshook__()

8.2.2 Properties

Name	Description
Inherited from object __class__	

8.3 Class LottoSettingsDialog



object

sip.simplewrapper

sip.wrapper

PyQt5.QtCore.QObject

object

sip.simplewrapper

PyQt5.QtGui.QPaintDevice

PyQt5.QtWidgets.QWidget

PyQt5.QtWidgets.QDialog

pylottosimu.lottosystem.LottoSettingsDialog

The GUI of Settings.

8.3.1 Methods

__init__(*self*, *sysdat*, *parent*=None)

Inital user interface and slots

Return Value

none

Overrides: object.__init__

init(*self*)

Initial variable

Return Value

none

sep_addit_numbers(*self*)

with_addit(*self*)

setvalues(*self*)

Set Values

values(*self*)

Values

getValues(*sysdat*, *parent*=`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___(), ___getattribute___(), ___hash___(), ___reduce___(), ___reduce_ex___(), ___repr___(), ___setattr___(), ___sizeof___(), ___str___(), ___subclasshook___()

8.3.2 Properties

Name	Description
Inherited from object ___class___	

8.3.3 Class Variables

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

8.4 Class lottosystemdata

8.4.1 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*)

9 Module pylottosimu.pylotto

The signals for the GUI

9.1 Variables

Name	Description
__doc__	**Value:** `"The signals for the GUI"`
__package__	**Value:** `'pylottosimu'`

9.2 Class str

object
basestring
str

str(object='') -> string

Return a nice string representation of the object. If the argument is a string, the return value is the same object.

9.2.1 Methods

__add__(*x*, *y*)

x+y

__contains__(*x*, *y*)

y in x

__eq__(*x*, *y*)

x==y

__format__(*S*, *format_spec*)

Return a formatted version of S as described by format_spec.

Return Value

string

Overrides: object.__format__

__ge__(*x*, *y*)

x>=y

__getattribute__(*...*)

x.__getattribute__('name') <==> x.name

Overrides: object.__getattribute__

__getitem__(*x*, *y*)

x[y]

__getnewargs__(*...*)

__getslice__(*x*, *i*, *j*)

x[i:j]

Use of negative indices is not supported.

__gt__(*x*, *y*)

x>y

__hash__(*x*)

hash(x)

Overrides: object.__hash__

__le__(*x*, *y*)

x<=y

__len__(*x*)

len(x)

__lt__(*x*, *y*)

x<y

__mod__(*x*, *y*)

x%y

__mul__(*x*, *n*)

x*n

__ne__(*x*, *y*)

x!=y

__new__(*T*, *S*, *...*)

Return Value

a new object with type S, a subtype of T

Overrides: object.__new__

__repr__(*x*)

repr(x)

Overrides: object.__repr__

__rmod__(*x*, *y*)

y%x

__rmul__(*x*, *n*)

n*x

__sizeof__(*S*)

size of object in memory, in bytes

Return Value

size of S in memory, in bytes

Overrides: object.__sizeof__

__str__(*x*)

str(x)

Overrides: object.__str__

capitalize(*S*)

Return a copy of the string S with only its first character capitalized.

Return Value

string

center(*S*, *width*, *fillchar*=. . .)

Return S centered in a string of length width. Padding is done using the specified fill character (default is a space)

Return Value

string

count(*S*, *sub*, *start*=. . ., *end*=. . .)

Return the number of non-overlapping occurrences of substring sub in string S[start:end]. Optional arguments start and end are interpreted as in slice notation.

Return Value

int

decode(*S*, *encoding*=. . ., *errors*=. . .)

Decodes S using the codec registered for encoding. encoding defaults to the default encoding. errors may be given to set a different error handling scheme. Default is 'strict' meaning that encoding errors raise a UnicodeDecodeError. Other possible values are 'ignore' and 'replace' as well as any other name registered with codecs.register_error that is able to handle UnicodeDecodeErrors.

Return Value

object

encode(*S*, *encoding*=. . ., *errors*=. . .)

Encodes S using the codec registered for encoding. encoding defaults to the default encoding. errors may be given to set a different error handling scheme. Default is 'strict' meaning that encoding errors raise a UnicodeEncodeError. Other possible values are 'ignore', 'replace' and 'xmlcharrefreplace' as well as any other name registered with codecs.register_error that is able to handle UnicodeEncodeErrors.

Return Value

object

endswith(*S*, *suffix*, *start=...*, *end=...*)

Return True if S ends with the specified suffix, False otherwise. With optional start, test S beginning at that position. With optional end, stop comparing S at that position. suffix can also be a tuple of strings to try.

Return Value

bool

expandtabs(*S*, *tabsize=...*)

Return a copy of S where all tab characters are expanded using spaces. If tabsize is not given, a tab size of 8 characters is assumed.

Return Value

string

find(*S*, *sub*, *start=...* , *end=...*)

Return the lowest index in S where substring sub is found, such that sub is contained within S[start:end]. Optional arguments start and end are interpreted as in slice notation.

Return -1 on failure.

Return Value

int

format(*S*, **args*, ***kwargs*)

Return a formatted version of S, using substitutions from args and kwargs. The substitutions are identified by braces ('{' and '}').

Return Value

string

index(*S*, *sub*, *start=...* , *end=...*)

Like S.find() but raise ValueError when the substring is not found.

Return Value

int

isalnum(*S*)

Return True if all characters in S are alphanumeric and there is at least one character in S, False otherwise.

Return Value

bool

isalpha(*S*)

Return True if all characters in S are alphabetic and there is at least one character in S, False otherwise.

Return Value

bool

isdigit(*S*)

Return True if all characters in S are digits and there is at least one character in S, False otherwise.

Return Value

bool

islower(*S*)

Return True if all cased characters in S are lowercase and there is at least one cased character in S, False otherwise.

Return Value

bool

isspace(*S*)

Return True if all characters in S are whitespace and there is at least one character in S, False otherwise.

Return Value

bool

istitle(*S*)

Return True if S is a titlecased string and there is at least one character in S, i.e. uppercase characters may only follow uncased characters and lowercase characters only cased ones. Return False otherwise.

Return Value

bool

isupper(*S*)

Return True if all cased characters in S are uppercase and there is at least one cased character in S, False otherwise.

Return Value

bool

join(*S*, *iterable*)

Return a string which is the concatenation of the strings in the iterable. The separator between elements is S.

Return Value

string

ljust(*S*, *width*, *fillchar*=. . .)

Return S left-justified in a string of length width. Padding is done using the specified fill character (default is a space).

Return Value

string

lower(*S*)

Return a copy of the string S converted to lowercase.

Return Value

string

lstrip(*S*, *chars*=. . .)

Return a copy of the string S with leading whitespace removed. If chars is given and not None, remove characters in chars instead. If chars is unicode, S will be converted to unicode before stripping

Return Value

string or unicode

partition(*S*, *sep*)

Search for the separator sep in S, and return the part before it, the separator itself, and the part after it. If the separator is not found, return S and two empty strings.

Return Value

(head, sep, tail)

replace(*S*, *old*, *new*, *count*=. . .)

Return a copy of string S with all occurrences of substring old replaced by new. If the optional argument count is given, only the first count occurrences are replaced.

Return Value

string

rfind(*S*, *sub*, *start*=. . . , *end*=. . .)

Return the highest index in S where substring sub is found, such that sub is contained within S[start:end]. Optional arguments start and end are interpreted as in slice notation.

Return -1 on failure.

Return Value

int

rindex(*S*, *sub*, *start*=. . . , *end*=. . .)

Like S.rfind() but raise ValueError when the substring is not found.

Return Value

int

rjust(*S*, *width*, *fillchar*=. . .)

Return S right-justified in a string of length width. Padding is done using the specified fill character (default is a space)

Return Value

string

rpartition(*S*, *sep*)

Search for the separator sep in S, starting at the end of S, and return the part before it, the separator itself, and the part after it. If the separator is not found, return two empty strings and S.

Return Value

(head, sep, tail)

rsplit(*S*, *sep*=. . . , *maxsplit*=. . .)

Return a list of the words in the string S, using sep as the delimiter string, starting at the end of the string and working to the front. If maxsplit is given, at most maxsplit splits are done. If sep is not specified or is None, any whitespace string is a separator.

Return Value

list of strings

rstrip(*S*, *chars*=...)

Return a copy of the string S with trailing whitespace removed. If chars is given and not None, remove characters in chars instead. If chars is unicode, S will be converted to unicode before stripping

Return Value

string or unicode

split(*S*, *sep*=... , *maxsplit*=...)

Return a list of the words in the string S, using sep as the delimiter string. If maxsplit is given, at most maxsplit splits are done. If sep is not specified or is None, any whitespace string is a separator and empty strings are removed from the result.

Return Value

list of strings

splitlines(*S*, *keepends*=`False`)

Return a list of the lines in S, breaking at line boundaries. Line breaks are not included in the resulting list unless keepends is given and true.

Return Value

list of strings

startswith(*S*, *prefix*, *start*=..., *end*=...)

Return True if S starts with the specified prefix, False otherwise. With optional start, test S beginning at that position. With optional end, stop comparing S at that position. prefix can also be a tuple of strings to try.

Return Value

bool

strip(*S*, *chars*=...)

Return a copy of the string S with leading and trailing whitespace removed. If chars is given and not None, remove characters in chars instead. If chars is unicode, S will be converted to unicode before stripping

Return Value

string or unicode

swapcase(*S*)

Return a copy of the string S with uppercase characters converted to lowercase and vice versa.

Return Value

string

title(*S*)

Return a titlecased version of S, i.e. words start with uppercase characters, all remaining cased characters have lowercase.

Return Value

string

translate(*S*, *table*, *deletechars=...*)

Return a copy of the string S, where all characters occurring in the optional argument deletechars are removed, and the remaining characters have been mapped through the given translation table, which must be a string of length 256 or None. If the table argument is None, no translation is applied and the operation simply removes the characters in deletechars.

Return Value

string

upper(*S*)

Return a copy of the string S converted to uppercase.

Return Value

string

zfill(*S*, *width*)

Pad a numeric string S with zeros on the left, to fill a field of the specified width. The string S is never truncated.

Return Value

string

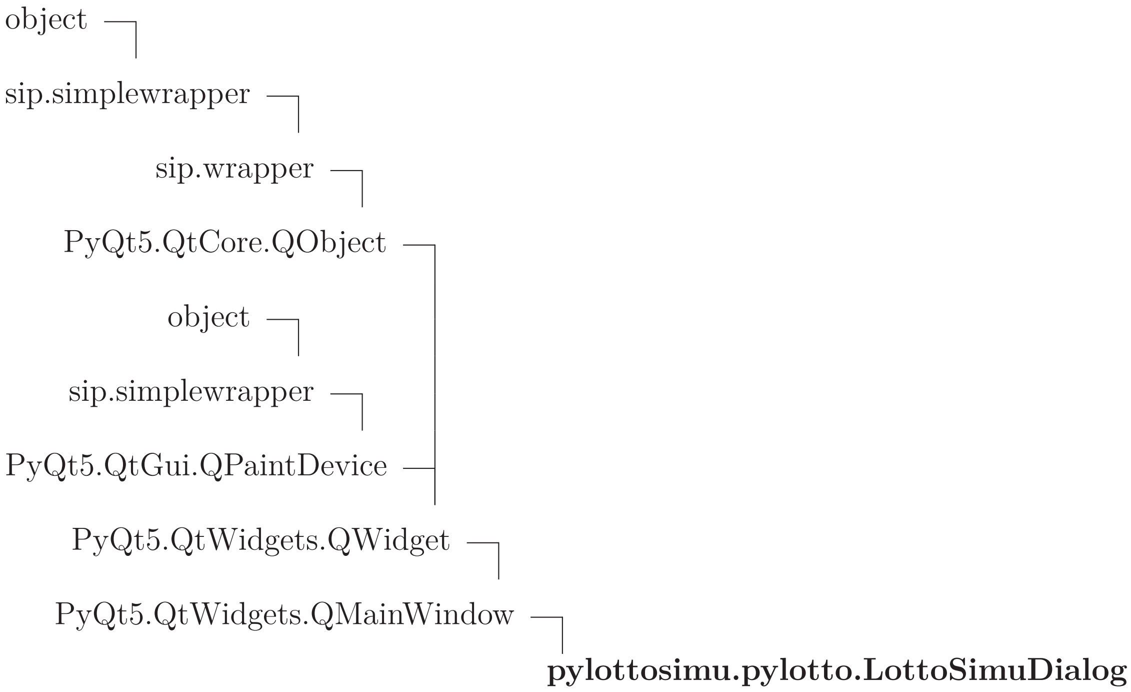
Inherited from object

___delattr___(), ___init___(), ___reduce___(), ___reduce_ex___(), ___setattr___(), ___subclasshook___()

9.2.2 Properties

Name	Description
Inherited from object __class__	

9.3 Class LottoSimuDialog



The GUI and programm of the pyLottoSimu.

9.3.1 Methods

__init__(*self*)

Inital user interface and slots

Return Value

none

Overrides: object.__init__

ontimer(*self*)

Start time to show a number.

Return Value

none

show_next_number(*self*)

Simulation of the draw and show the next Number on the Screen.

Return Value

none

onbtn_draw_overview(*self*)

show dialog of the draw

Return Value

none

onsystem(*self*)

show dialog of the draw

Return Value

none

onbtn_start(*self*)

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(), setMenuBar(), 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(), setSizePolicy(), 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__(), __getattribute__(), __hash__(), __reduce__(), __reduce_ex__(), __repr__(), __setattr__(), __sizeof__(), __str__(), __subclasshook__()

9.3.2 Properties

Name	Description
Inherited from object __class__	

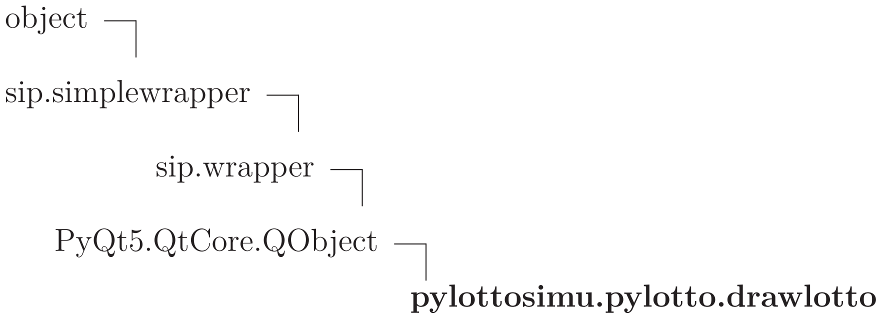
9.3.3 Class Variables

Name	Description
Inherited from PyQt5.QtWidgets.QMainWindow AllowNestedDocks, AllowTabbedDocks, AnimatedDocks, ForceTabbedDocks, VerticalTabs	
Inherited from PyQt5.QtWidgets.QWidget DrawChildren, DrawWindowBackground, IgnoreMask	
Inherited from PyQt5.QtCore.QObject staticMetaObject	

continued on next page

Name	Description
Inherited from PyQt5.QtGui.QPaintDevice PdmDepth, PdmDevicePixelRatio, PdmDpiX, PdmDpiY, PdmHeight, PdmHeightMM, PdmNumColors, PdmPhysicalDpiX, PdmPhysicalDpiY, PdmWidth, PdmWidthMM	

9.4 Class drawlotto



9.4.1 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 *(type=string)*
`max_draw:`	maximal draw numbers *(type=int)*
`draw_numbers:`	the draw numbers *(type=int)*
`with_addit:`	with additional number *(type=bool)*
`addit_numbers:`	the additional numbers *(type=int)*
`sep_addit_numbers:`	separates additional numbers *(type=bool)*
`max_addit:`	maximal additional numbers *(type=int)*

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

9.4.2 Properties

Name	Description
Inherited from object	
___class___	

9.4.3 Class Variables

Name	Description
Inherited from PyQt5.QtCore.QObject	
staticMetaObject	

10 Module pylottosimu.test_drawlotto

pyLottoSimu

10.1 Variables

Name	Description
__package__	**Value:** `'pylottosimu'`

10.2 Class drawlottoTestCase

object
unittest.case.TestCase
pylottosimu.test_drawlotto.drawlottoTestCase

10.2.1 Methods

setUp(*self*)

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

Overrides: unittest.case.TestCase.setUp extit(inherited documentation)

test_setting(*self*)

test_draw(*self*)

test_draw_addit(*self*)

test_draw_addit_sep(*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(), tearDown(), tearDownClass()

Inherited from object

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

10.2.2 Properties

Name	Description
Inherited from object __class__	

10.2.3 Class Variables

Name	Description
Inherited from unittest.case.TestCase longMessage, maxDiff	

11 Module pylottosimu.test__pep8

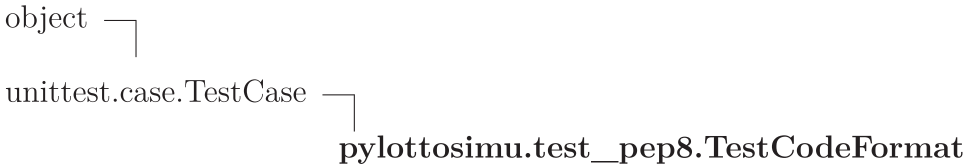
pyLottoSimu

Author: mar

11.1 Variables

Name	Description
__package__	**Value:** `'pylottosimu'`

11.2 Class TestCodeFormat



11.2.1 Methods

test__pep8__conformance(*self*)

Test that we conform to PEP8.

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(), setUp(), setUpClass(), shortDescription(), skipTest(), tearDown(), tearDownClass()

Inherited from object

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

11.2.2 Properties

Name	Description
Inherited from object	
__class__	

11.2.3 Class Variables

Name	Description
Inherited from unittest.case.TestCase	
longMessage, maxDiff	

12 Module pylottosimu.test_show_drawing

pyLottoSimu

Author: mar

12.1 Variables

Name	Description
__package__	**Value:** `'pylottosimu'`

12.2 Class show_drawingTestCase

object

unittest.case.TestCase

pylottosimu.test_show_drawing.show_drawingTestCase

Test of drawing

12.2.1 Methods

setUp(*self*)

Creates the QApplication instance

Overrides: unittest.case.TestCase.setUp

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__(), __getattribute__(), __new__(), __reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __subclasshook__()

12.2.2 Properties

Name	Description
Inherited from object __class__	

12.2.3 Class Variables

Name	**Description**
Inherited from unittest.case.TestCase longMessage, maxDiff	

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