Contents

PaintContext Class

(QAbstractTextDocumentLayout::PaintContext)

The QAbstractTextDocumentLayout::PaintContext class is a convenience class defining the parameters used when painting a document's layout. More...

Header:	#include <PaintContext>
qmake:	QT += gui

- List of all members, including inherited members

Public Variables

QRectF	clip
int	cursorPosition
QPalette	palette
QVector<Selection>	selections

Detailed Description

The QAbstractTextDocumentLayout::PaintContext class is a convenience class defining the parameters used when painting a document's layout.

A paint context is used when rendering custom layouts for QTextDocuments with the QAbstractTextDocumentLayout::draw() function. It is specified by a cursor position, default text color, clip rectangle and a collection of selections.

See also QAbstractTextDocumentLayout.

Member Variable Documentation

QRectF PaintContext::clip

This variable holds a hint to the layout specifying the area around paragraphs, frames or text require painting.

Everything outside of this rectangle does not need to be painted.

Specifying a clip rectangle can speed up drawing of large documents significantly. Note that the clip rectangle is in document coordinates (not in viewport coordinates). It is not a substitute for a clip region set on the painter but merely a hint.

The default value is a null rectangle indicating everything needs to be painted.

int PaintContext::cursorPosition

This variable holds the position within the document, where the cursor line should be drawn.

The default value is -1.

QPalette PaintContext::palette

This variable holds the default color that is used for the text, when no color is specified.

The default value is the application's default palette.

QVector<Selection> PaintContext::selections

This variable holds the collection of selections that will be rendered when passing this paint context to QAbstractTextDocumentLayout::draw() function.

The default value is an empty vector indicating no selection.