QTextEdit

The QTextEdit widget is an advanced editor that supports formatted rich text. It can be used to display HTML and other rich document formats. Internally, QTextEdit uses the QTextDocument class to describe both the high-level structure of each document and the low-level formatting of paragraphs.

If you are viewing this document in the *textedit* example, you can edit this document to explore Qt's rich text editing features. We have included some comments in each of the following sections to encourage you to experiment.

Font and Paragraph Styles

QTextEdit supports **bold**, *italic*, and underlined font styles, and can display **multicolored text**. Font families such as **Times New Roman** and `Courier` can also be used directly. *I f place the cursor in a region of styled text, the controls in the tool bars will change to reflect the current style.*

Paragraphs can be formatted so that the text is left-aligned, right-aligned, centered, or fully justified.

Try changing the alignment of some text and resize the editor to see how the text layout changes.

Lists

Different kinds of lists can be included in rich text documents. Standard bullet lists can be nested, using different symbols for each level of the list:

- Disc symbols are typically used for top-level list items.
  - Circle symbols can be used to distinguish between items in lower-level lists.
    - Square symbols provide a reasonable alternative to discs and circles.

Ordered lists can be created that can be used for tables of contents. Different characters can be used to enumerate items, and we can use both Roman and Arabic numerals in the same list structure:

1. Introduction
2. Qt Tools
   a. Qt Assistant
   b. Qt Designer
      A. Form Editor
      B. Component Architecture
   c. Qt Linguist

The list will automatically be renumbered if you add or remove items. *Try adding new sections to the above list or removing existing item to see the numbers change.*