

# QtCentre Programming Contest

**Application Name:** Todoodle

**Category:** Desktop Application

**Author:** Cornelius Schumacher

## Goal

Todoodle is meant to capture thoughts of the user in a convenient and non-intrusive way. It is supposed to act like an intelligent piece of paper. The user scribbles something down and Todoodle presents it as naturally as possible making use of implicit and contextual information to make it easy for the user to find again what he has written down, see the underlying structure and associated information.

## Functionality

Todoodle provides storage and a smart editor for a set of notes. It provides formatting options for the user to structure the notes and automatically extracts and shows information about for example web and email addresses, links to other notes. For sharing the data on multiple computers Todoodle transparently supports storing and synchronizing the notes on a server through Subversion.

## Technology

Todoodle is built around Scribe, the rich text processing framework of Qt4. It uses an XML storage format and is written in a clean object-oriented way in C++.

## Requirements

Todoodle has an optional dependency on the command line Subversion client. If this isn't installed it automatically falls back to local storage and doesn't provide the feature to store data on a server.

Other than that it doesn't have any other requirements than Qt4.

Todoodle is free software which will be released under the GPL.

