

QtCentre Programming Contest

Application name: DLib

Category: Helper Library and/or Development Tool

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Functionality

DLib is an advanced library enabling to developers to use a set of components, classes and algorithms to build desktop applications.

DLib is divided in 5 modules:

- DCore: A set of core classes like debug, config, xml parsers, check spellers and so...
- DGui: Graphical user interface components and classes
- DSound: Framework that enable sound support for applications. It's based on plugins. Basically we will provide a gstreamer plugin.
- Ideality: Advanced main-window framework. (IDEAL-like)
- Editor: A ready to use editor component with profiles support.

DLib also include tools (ruby scripts) for configure building process and generators (e.g designer plugin generator)

Algorithms and data structures

Many algorithms and data structures are used.

Requirements

The library have **optional** requirements:

- GStreamer (LGPL)
- FFmpeg (GPL)
- Ming (LGPL)
- Aspell (LGPL)
- Ruby (for building and tools)