
chroto Documentation

Tom de Geus

Oct 21, 2019

Contents

1	Contents	3
1.1	Notes for developers	3
2	Indices and tables	5

Note: This program is free to use. Any additions are very much appreciated, in terms of suggested functionality, code, documentation, testimonials, word of mouth advertisement, As always, the code comes with no guarantee. None of the developers can be held responsible for possible mistakes or misuse.

Bug reports or feature requests can be filed on [GitHub](#).

(c - GPLv3) T.W.J. de Geus (Tom) | tom@geus.me | www.geus.me | github.com/tdegeus/chroto

1.1 Notes for developers

Todo:

- Better display name
- Resize calender

1.1.1 Getting started

To start understanding the code one is advised to start from two sides:

1. Study the structure and comments in `mainwindow.h`.
2. Study the structure and names in `mainwindow.ui` using Qt Creator. In Qt Creator a large portion of the function behind the buttons (the slots) can be studied.

1.1.2 Handling time

Modules:

- `date.h`

```
#include "date.h"
#include <chrono>
#include <string>
#include <iostream>

int main()
{
    std::string str = "2016:07:30 09:27:06";
```

(continues on next page)

(continued from previous page)

```
date::sys_seconds tm;

std::istringstream iss{str};
iss >> date::parse("%Y:%m:%d %H:%M:%S", tm);

tm -= std::chrono::duration<int>(10);

std::cout << date::format("%Y:%m:%d %H:%M:%S\n", tm);

std::cout << date::format("%a\n", tm);

return 0;
}
```

```
for i in *.jpg; do exiv2 $i > test.log; if grep -q "Camera model : Canon EOS DIGITAL REBEL" test.log; then mv $i
cam0/; else mv $i cam1/; fi; done; rm test.log
```


CHAPTER 2

Indices and tables

- `genindex`
- `modindex`
- `search`