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🛗 Date: December 6, 2006 / 🚨 Author: Ralf Eichinger

FLTK-Tutorial

- Ein Fenster
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Einführung in die Programmierung mit FLTK (Fast Light Toolkit). Homepage: https://www.fltk.org/

Ein Fenster

Quellcode (fenster.cpp):

```
#include <FL/Fl.H>
#include <FL/Fl_Window.H>

int main(int argc, char **argv)
{
   Fl_Window mainWin(300, 150, "Fenster");
   mainWin.end();
   mainWin.show(argc, argv);
   return Fl::run();
}
```

Kompilieren:

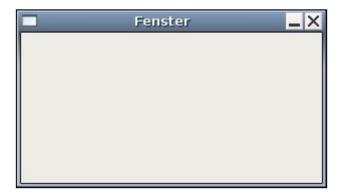
```
$ gcc `fltk-config --cxxflags --ldflags` -o fenster fenster.cpp
```

Ausführen:

```
$ ./fenster
```

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Screenshot:



Hello World

Quellcode (hello.cpp):

```
// include required header files
#include <FL/F1.H>
#include <FL/Fl_Window.H>
#include <FL/Fl_Box.H>
int main(int argc, char **argv) {
  // create window with width=300, height=180 (in pixel)
  Fl_Window *window = new Fl_Window(300,180);
  // create a box with the "Hello, World!" string in it
  // Fl_Widget(x, y, width, height, label)
  // position of box: x=20, y=20 in window (from top left corner)
  // size of box: width=260, height=100
  // label: Hello, World!
  Fl_{Box} *box = new Fl_{Box}(20,40,260,100,"Hello, World!");
  // set type of box
  // default: FL_NO_BOX
  box->box(FL_UP_BOX);
  // set height of label/font
  box->labelsize(36);
  // set style of label/font
  box->labelfont(FL_BOLD+FL_ITALIC);
  box->labeltype(FL_SHADOW_LABEL);
```

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```
// finally show window
window->end();
window->show(argc, argv);

// enter FLTK event loop
return Fl::run();
}
```

Kompilieren:

```
$ gcc `fltk-config --cxxflags --ldflags` -o hello hello.cpp
```

Ausführen:

```
$ ./hello
```

Screenshot:



Tags: topics development fltk

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