

The Perl6 GTK+ Tutorial

Marcel Timmerman

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Preface

This tutorial is about using the Graphical User Interface library **GTK+** while writing code in the programming language **Perl6** instead of **C** in which the library is written. There are a few packages written to help you with that. This tutorial will first explain the modules in the package **GTK::V3** and then the modules from **GTK::Glade**. The first is about building your GUI on your own and the latter is about making use of the generated *XML* file from the GTK+ GUI designer program *Glade*. At the end of the tutorial some of the design ideas of **GTK::V3** are explained followed by a reference of the modules.

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Installation

Before any code can be run we must install the packages we want to use. It is assumed that **Perl6** (See Perl6 Site) and the **GTK+** libraries (See Gtk Site) are already installed. The program **zef** is used to install the modules. Enter the

following command on the command line to install the most important modules
GTK:V3 and GTK:Glade with any other dependencies.

```
> zef install GTK:Glade
```

Basic Information

Main Loop