zGUI Documentation

Release 0.1

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Contents:

GUI software development on a zepto scale.

zGUI is a minimalistic toolkit for GUI software development in python.

Warning: zGUI is at pre-development phase

Any code should be considered a prototype and unstable.

Features

- Declarative GUI tree and configuration in yaml
- Intuitive geometry management
- Higher level of GUI abstraction
- Multiple backends

Contribute

- Issue Tracker
- Source Code

License

The project is licensed under the MIT license.

3.1 Idea and project goals

Today's GUI development heavily depends on a design process. Because GUI design requires different skill set from software development, it becomes big barrier for a non designer to develop GUI.

Idea behind zGUI project is to enable easy building of a GUI, by automating most of the design process and hiding all but the highest level of abstraction from the developer.

Clear separation of application from user interface (UI) and style ("look and feel")

zGUI is trying to adhere to published guidelines of major platforms:

- Design basics for Desktop applications (Microsoft)
- Design and UI for UWP apps (Microsoft)
- Human Interface Guidelines (Apple)
- Up and running with material design (Android)
- GNOME Human Interface Guidelines

CHAPTER 4

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