

# Graphical User Interface for Tripwire

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## Project Proposal

- Design a GUI for novice users
- Develop a Wizard
- User-Friendly Interface
- Easier Analysis of Log-File

## Objective

Design a graphical user interface for Tripwire to help non-expert users, understand what is going on, save a lot of time and focus on the important information.

## Approach

Gather and Analyze Program Requirements

Design The User Interface

Code The Program

Test The Program

## Methodology

- Programmed in Python
- Use of Tkinter module for design of GUI elements
- Pop-Up messages for user error prevention

## Evaluation

### Good Points

- Organized buttons and results
- Clearly visible text font
- Simplification of the system operation

### Bad Points

Only one back up can be created  
Program freeze during initialization  
Directories with 0 value in the report

## Results

Users were asked to answer general questions about the performance and quality of the program interface and functions.



## Summary and Conclusions

Its impossible to code a program with 0 bugs, but Most of them can be detected and eliminated During the programming phase or during the Testing phase.

### This project helped me:

- Improve my programming and design skills.
- Learn how to design user friendly interfaces

