

[BATWING] Project Report

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Introduction

- Objective:
 - The goal of this presentation is a brief discussion about the project.
 - Discussion of the project environment.
 - Languages used.
 - Implementation in real world.
 - Future plans.

Overview

- ❑ Background
- ❑ Project Description
- ❑ Summary

Background

- Bash

- Bash is a Unix shell written by Brian Fox for the GNU Project as a free software replacement for the Bourne shell (sh).
- Bash is a command processor, typically run in a text window.
- On Linux, bash is the standard shell for common users.

Project Description

- The Name

The bat and batwing terminal both can echo.(!)

- Language

C/C++ and Bash.

- Design

The system was designed using built in Bash functions and methods. Third party tools were not used.

Project Description

- Reference

Referenced from world wide web, other resources, books.

- System Environment

Compiled and ran on Ubuntu 12.10 system with Intel i386 based system architecture.

Project Description

- Project Choice
 - ✓ Among several choices self-designed terminal was chose.
 - ✓ Due to time shortage Python and Java GUI were not included.
 - ✓ Self designed file comparer.
 - ✓ Challenging project.

Project Description

- Expectations
 - ✓ As in real life, use of Linux/Unix base system is getting higher.
 - ✓ To get used to with Linux/Unix environment.
 - ✓ To code in scripting language.
 - ✓ To operate a fully friendly challenging OS.

Project Description

- Brief Info

- ✓ “if [[condition]]
- ✓ “tput” command was used for User Interface.
- ✓ i/o interpreter “ <, > ” was used directly.
Ex, logname > tmp; read usr < tmp

SUMMARY

- Self-designed terminal named “BatWing”.
- Brief intro of project and background.
- Use of several items.