
Registry Application Design and Development

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ABSTRACT

Registry is a central database that stores configuration settings on an operating system, in this case a Microsoft Windows. Registry on Windows OS usually contains information and settings for hardware, software and the operating system itself, non-system software. These settings are set by Key. In this study, the author makes a Registry system application which can edit, create and delete the Registry. To design this software, the writing uses the Visual Basic 6.0 programming language due to the convenience provided in the design and manufacture of programs.

Keywords: Registry, Configuration, Operating system, VB 6.0

1. Introduction

In today's era of globalization and technology, the use of computers as an information technology tool is needed in almost every aspect of life. Computers are very fast tools for solving problems that have been used in various fields of science and technology in this century. In the processing of existing data on the computer, all files (files) of each application and program are arranged in a storage, namely registers.

The design of this software can be done using programming languages including: Microsoft visuals, java script. At this time, visual or graphic-based programming is more popular than DOS-based programming, due to its ease of use, development and a more attractive appearance.

The definition of Registry is a central database that stores configuration settings on an operating system, in this case a Microsoft Windows. Registry which is commonly known as the Windows Registry. Registry on Windows OS usually contains information and settings for hardware, software and the operating system itself, non-system software. These settings are set by Key.

On In this research, the author makes a Registry system application which can edit, create and delete the Registry. To design this software, the writing uses the Visual Basic 6.0 programming language due to the convenience provided in the design and manufacture of programs

Abdul Kadir (2008:2) "Microsoft Visual Basic 6.0 provides a facility that allows you to compose a program by installing graphic objects in a form. In addition, Microsoft Visual Basic 6.0 offers a variety of convenience in managing a database. Then this is still added with the availability of complete facilities and equipment ".

Registry is a database on the system used to store settings and options for 32 bit versions of Microsoft Windows including Windows 95, 98, ME and NT/2000.

2. Methodology

The waterfall method or what is often called the waterfall method is often called the classic life cycle, where it describes a systematic and sequential approach to software development, starting with the specification of user requirements, then continuing through the planning stages.), modeling (modeling), construction (construction), and delivery of the system to customers / users (deployment), which ends with support for the complete software produced (Pressman, 2012).

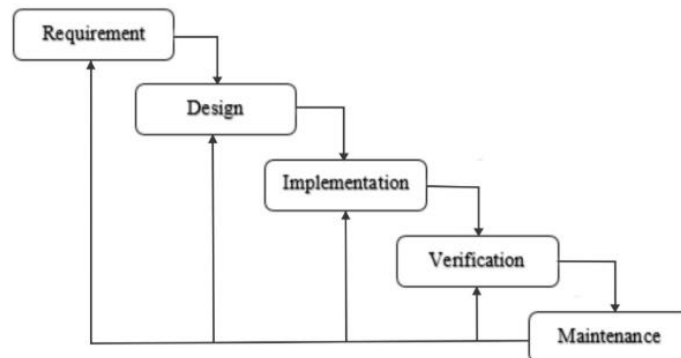


Figure 1. Waterfall Method

In its development, the waterfall method has several sequential stages, namely: requirements (needs analysis), system design (system design), Coding (coding) & Testing (testing), Program implementation, maintenance.

3. Results and Discussion

System Application Program Registry Editor is an application to access the components contained in the Windows Operating System, the application that the author created can be used on the Windows Operating system in all versions.

This application allows users to be able to access the registry system on windows, if the registry system contained in windows is no longer active, or has been infected by a virus, with this application they can easily access the windows registry system even though the applications provided by windows are no longer available. used again.

3.1 Registry Main Menu Implementation

This form is the main view of the Registry Editor application program, in the left column is the class, key and key display. The column on the right contains the display values of a registry.



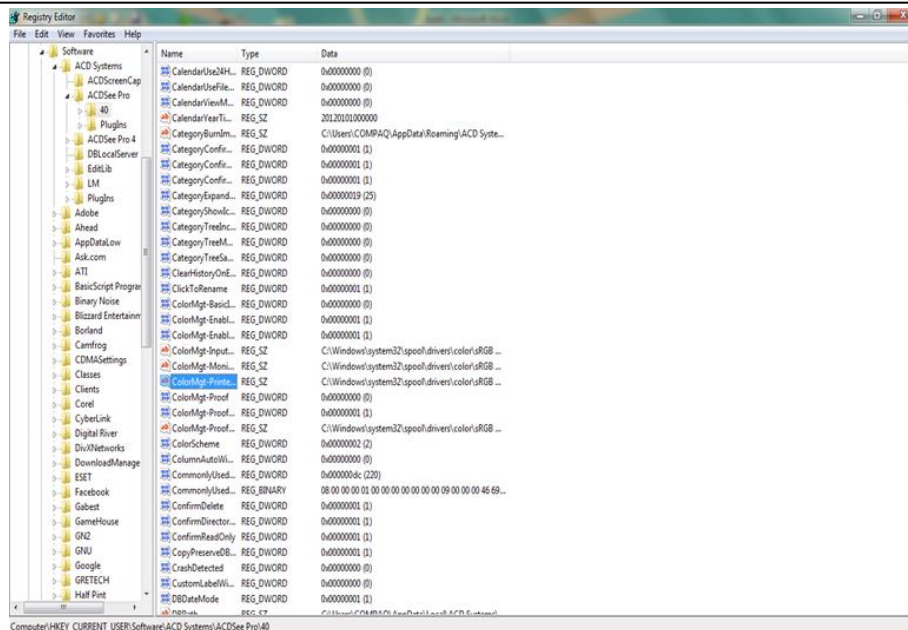


Figure 1 Display Main Menu Registry

3.2. Registry Editing Algorithm

The Registry Application Algorithm is as follows: (a) Run Registry Application Program, (b) Select the Registry Key that you want to edit, (c) Click the Edit Menu (d) Choose Rename, (e) Write the name Key, (f) Double Click outside the work area (g) Finished.

3.2 New Key Registry Algorithm

Menu Display Algorithm is as follows: (a) Run Registry Application Program, (b) Select the Registry Key area that you want to create a new one, (d) Click the Edit Menu, (e) Select New, (f) Select Key, (g) Create a new key folder name (h) Set key on string, (i) Finished.

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3.4 Delete Registry Algorithm

The Registry Deleting Algorithm is as follows: (a) Run Registry Application Program, (b) Select Registry area, (c) Click the Edit menu, (d) Select Delete, (e) Application Processing Delete Registry, (f) Finished.

3.5 Algorithm Hiding Men Run

The Algorithm for Hiding the Run Menu is as follows: (a) Run the Registry app, (b) Select HKEY_CURRENT_USSER, (c) Select Name Software, (d) Select Name

Windows\Current Version, (f) Select Name Explorer, (g) Select Name Advanced, (h) Enter numbers, (i) Finished.

3.6 Algorithm for Disabling Animations in Windows XP

Run the Registry app, Select HKEY_CURRENT_USER, Select Name Control Panel, Choose Desktop Name, Select Name Windows Metrics, Enter numbers, Finished.

4. Conclusion

From the results of designing and making Registry application programs using Microsoft Visual Basic 6.0, the following conclusions can be drawn: Specifications of this application program can be run in accordance with the designed technical specifications. This registry application program will restrict people from copying files on the computer by adding a new registry key.

This Registry application program to change, delete the registry that has been damaged on a computer.

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