Abstract

A Three Dimensional File Visualization Tool Using Java 3D

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This graduate project describes a three-dimensional file visualization (3DFV) tool that is used to explore and display files and directories in a computer's file system. This tool provides an alternate representation of the file system and allows three-dimensional navigation through the file system. This tool was developed using Java 2 and its three-dimensional extension API called Java 3D. The tool allows different customization options such as change the shape of objects in the world, and their color. The design and implementation of the 3DFV tool is discussed and further extensions are provided.