

Mass File Renamer, May 11, 2012

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Problem Definition

- Statement: Sometimes a group of files in a directory are named poorly such as pictures that come from a camera and need to be renamed or you would like to add a numbering system to your files.
- Scope: Rename files quickly;
- Schedule:
 - May 13 UML completed and GUI layout/design done.
 - May 20 Renamer class completed
 - May 27 Gui tied in with the code completed.
 - June 3 fix bugs.
- Resources:
 - Eclipse IDE
 - Java SDK
 - Java Documentation

Research/Analysis

- Find out what classes Java supplies that might be useful in my program.
- Research what methods do in each class of Java that we use.
- How to edit files in Java.

Proposed Solution

- Create a GUI program that can rename many files/folders in one click rather than renaming files individually. Choose to add your own custom substring into any location of the current name, remove unwanted characters/substrings from current name such as parentheses, choose which files to rename based on file type, and more.

Potential Applications

- Can be used for renaming music (adding numbers in front of songs) or renaming pictures from cameras that have a number code as a name.
- Can be used by the general user. It may also be used by a company that has many files on servers that need organizing.

