08197288-0

Tom Hayko

COLLABORATORS

	TITLE : 08197288-0		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	Tom Hayko	January 19, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

08197288-0

1.1 FileWatcher

```
          FileWatcher 0.1



          Introduction
           - So what is this thing anyways?

          Installation
           - How to install it

          Parameters
           - How to run it

          Stopping~FileWatcher
           - How to stop it

          Changes
           - Changes in each version

          To~Do
           - Planned enhancements

          How~to~Contact~the~Author
           - Where I can be reached

          Thanks
           - The Author wishes to thank
```

1.2 Introduction

```
          FileWatcher is a utility for keeping track of a single file.  It  ←
               creates an
AppIcon on your Workbench that has two states: one that is displayed when the
file you are watching doesn't exist or is zero bytes long, and another that is
displayed when the file is greater than zero bytes long. The other feature of
```

FileWatcher is that a program of your choice can be started when you double
click on the AppIcon. One use of FileWatcher (and the one I wrote it for) is
to watch your mailbox with AmiPOP. FileWatcher is different from Scott Ellis's
Sabot in that FileWatcher doesn't have many of the features of Sabot
(specifically different icons if the file remains the same size, no support
for dropping icons on the AppIcon) and FileWatcher can be stopped once
started. The lack of the last feature is the reason I wrote FileWatcher.

You will need some icons to use with FileWatcher. Since I'm not the greatest
artist, I'm not distributing any with FileWatcher yet, but if somebody sends
me some, I'd be glad to include them in any future distributions of
FileWatcher (See
                Contacting~the~Author
).

I am distributing the source with FileWatcher. It's not the best code I've
ever written, but it does show how to use an AppIcon and Notification. If you
do hack it up and want to distribute it yourself, please don't call it
FileWatcher.

I don't require any form of payment for using FileWatcher, however, email
telling me you use it would be appreciated. If you really, really feel like
sending me something to compensate me for my efforts, I will accept any of the
following: cool software that you have written, free pizza coupons, canned
food for my cats so they will quit bugging me while I'm trying to program,
payements to my Internet provider in my name, or pretty much any type of
working computer hardware you want to give me. (See
                Contacting~the~Author
).

1.3 Installation

Put FileWatcher on your path. That's it. I don't really like writing stuff
that requires you to put a whole bunch of files all over the place on your
machine. Sometimes it's necessary, but not with FileWatcher.

 NOTE: FileWatcher currently doesn't support starting from the Workbench.
      This will be fixed in a future version.

1.4 Parameters

                Required Parameters

                FILE

                FILEICON

                NOFILEICON
                Optional Parameters

```
              NAME

              CMD
              As of version 0.2, all parameters can be specified as tool types  ↩
                 if running
Filewatcher from the Workbench
```

Examples

```
 FileWatcher FILE uumail:tjhayko FILEICON new NOFILEICON none

    This command will start FileWatcher, telling it to watch the file
    uumail:tjhayko, show the icon new.info if the file is greater than zero
    bytes long and show the icon none.info if the file is zero
    bytes long or doesn't exist.

 FileWatcher FILE hayko FILEICON new NOFILEICON no NAME Mail CMD "elm -f
hayko"

    This command will start FileWatcher, telling it to watch the file hayko,
    show the icon new.info if the file is greater than zero bytes long, show
    the icon no.info if the file is zero bytes long or doesn't exist, with
the
    text under the icon being "Mail", and running the command "elm -f hayko"
when
    you double click on the icon.
```

1.5 Contacting the Author

```
I can be reach at the following email address for requests for features to be
added, if you want to send me something for FileWatcher, or if you just plain
want to send me email about something:

    tjhayko@io.org
```

1.6 FILE Parameter

```
Name of file to watch

This parameter specifies the name of the file you want FileWatcher to watch.
If the file is not in the current directory, you must specify it's path.
```

1.7 FILEICON Parameter

```
Icon Name for nonzero byte file

This parameter specifies the name of the icon you want FileWatcher to show
when the file is greater than zero bytes long.  If the icon you want to use is
not in the current directory, you must specify it's path.
```

NOTE: do not specify .info as part of the filename, it will be added

1.8   NOFILEICON Parameter

Icon Name for zero byte or nonexistent file

This parameter specifies the name of the icon you want FileWatcher to show when the file either does not exists or is zero bytes long. If the icon you want to use is not in the current directory, you must specify it's path.

NOTE: do not specify .info as part of the filename, it will be added

1.9   NAME Parameter

Name to show under the AppIcon

This parameter allows you to specify the name you want to appear under the AppIcon If you don't specify one, the default will be "FileWatcher"

1.10   CMD Parameter

Name of the command to run

This parameter allows you to specify the command you wish to run when the AppIcon is double clicked on. The command is currently run with a stack of 4000, however in some future version you will be able to specify the size of the stack to use. If the command you want to use is not on your path when you run FileWatcher, you must specify it's path.

1.11   Stopping FileWatcher

To stop FileWatcher, all you have to do is send it a Control C. You can use the AmigaDOS break command to do this if you ran it in the background, or any one of the Intuition based tools that can send a Control C to a process (I use Scout 2.2 myself).

1.12   Changes

0.2 Added ability to use Tool Types for startup parameters

0.1 Original Release

1.13   To Do

```
              Sometime in the future, I plan on adding the following to  ←
                  FileWatcher:

    Ability to specify a stacksize for the command
    Ability to watch multiple files
    Commodities interface
    Add some icons to the distribution archive
    ARexx
    Autodetach if started from a CLI
```

I'm open to any other suggestions for features that you want added to
FileWatcher. See
```
              Contacting~the~Author
               to request any new features.
```

1.14   Thanks

I would like to thank the following:

```
    Matt Dillon and all the folks at Obvious Implementations

        FileWatcher is compiled with the Shareware version of the DICE
        C Compiler.

    All the people on IRC who answered my questions

        I don't know all of your names, but I sure do appreciate your
        time and helpful answers

    And most importantly, my wife Wendy, for pretending to be excited as
    I showed her all the stuff I was learning as I wrote this
```