

lccShortcutChanger Manual

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Description

This document describes the lccShortcutChanger program.

The lccShortcutChanger was developed to delete and/or replace shortcut(s).

Program flow:

- read Logic File
- loop through shortcuts provided
- for each shortcut
- if exists, delete
- if 'new' settings, create

Security note: if running as a regular user (i.e. non admin), they will only be able to replace shortcuts in their desktop or other folders editable by them. If you want to replace 'Public Desktop' or other 'all user' locations, program should be launched with appropriate rights. In our case, we use Kace to push this out, since it runs as 'System', or through Group Policy on 'Computer Startup' scripts.

Installation

- place the lccShortcutChanger.exe: supplied with this package, into a location on your computer or the network
 - create a Logic File
 - run the program and supply the Logic File path
-

Running The Program

The program will default to using a Logic File called:

`lccShortcutChanger-logic.txt`

in the same folder as the program. You can change to use by specifying a different one on the command line.

Starting

- run `lccShortcutChanger.exe`

Starting with an alternate Logic File

- Syntax: `lccShortcutChanger.exe lcc:logicPath [Logic File]`
 - Example: `lccShortcutChanger.exe lcc:logicPath ourLogic.txt`
-

Logic File

Purpose

The Logic File instructs the program on:

- (optional) where to write a log
- the shortcut(s) to delete
- (optional) the shortcut(s) to create

Syntax

The Logic File expects settings to be supplied in the following manner. However, any lines that do not match will be ignore, i.e. can be used to place comments/etc.

The following keys are mandatory (per shortcut):

- `lcc:shortcutName`
- `lcc:shortcutPath`

Syntax

`[key] [tab] [value]`

Example

`lcc:shortcutName Our Cool Shortcut.lnk`

Keys

`lcc:logPath` (optional)(one per Logic File)

The path/root name of the Log File. The program will place the '.log' extension automatically and will also append a Year/Month date.

Syntax

`lcc:logPath [tab] [..path..]`

Example

`lcc:logPath .\lccShortcutChangerLog`

lcc:shortcutName *(mandatory)(one to many per Logic File, one per shortcut set)*

The name of the shortcut (file).

See the Flags section for auto replace values.

Must include the following keys:

- lcc:shortcutPath
- lcc:shortcutNewName
- lcc:shortcutNewDescription
- lcc:shortcutNewTarget
- lcc:shortcutNewArguments
- lcc:shortcutNewStartPath

Syntax

`lcc:shortcutName [tab] [..name..]`

Example

`lcc:shortcutName Our Cool Shortcut.lnk`

lcc:shortcutPath *(mandatory)(one to many per Logic File, one per shortcut set)*

The path of the shortcut (file).

See the Flags section for auto replace values.

Please make sure to place a backslash at the end of the path, unless not needed. We could have auto appended it, but, wanted to allow flexibility.

Syntax

`lcc:shortcutPath [tab] [..path..]`

Examples

`lcc:shortcutPath C:\folder`

`lcc:shortcutPath [lccFlag:publicDesktop]`

`lcc:shortcutPath [lccFlag:publicDesktop]\ourShortcuts`

lcc:shortcutNewName *(optional)(one to many per Logic File, one per shortcut set)*

The new name of the shortcut (file).

See the Flags section for auto replace values.

Syntax

`lcc:shortcutNewName [tab] [..name..]`

Examples

`lcc:shortcutNewName Our NEW Cool Shortcut.lnk`

lcc:shortcutNewDescription *(optional)(one to many per Logic File, one per shortcut set)*

The new description of the shortcut (file).

See the Flags section for auto replace values.

Syntax

`lcc:shortcutNewDescription [tab] [..description..]`

Examples

`lcc:shortcutNewDescription Our NEW Cool Shortcut`

lcc:shortcutNewTarget *(optional)(one to many per Logic File, one per shortcut set)*

The new target (path/program) of the shortcut (file).

See the Flags section for auto replace values.

Syntax

`lcc:shortcutNewTarget [tab] [..target..]`

Examples

`lcc:shortcutNewTarget \\server\share$\ourProgram.exe`

lcc:shortcutNewArguments *(optional)(one to many per Logic File, one per shortcut set)*

The arguments used with the target (program).

See the Flags section for auto replace values.

Syntax

`lcc:shortcutNewArguments [tab] [..arguments..]`

Examples

`lcc:shortcutNewArguments param1 param2`

lcc:shortcutNewStartPath *(optional)(one to many per Logic File, one per shortcut set)*

The working directory for where the program will run within.

See the Flags section for auto replace values.

Syntax

`lcc:shortcutNewStartPath [tab] [..path..]`

Examples

`lcc:shortcutNewStartPath [lccFlag:currentUserDesktop]\`

Flags

The following flags can be used to auto replace within Logic File values.

[lccFlag:publicDesktop] : points to the Public Desktop folder

[lccFlag:currentUserProfile] : points to the current user profile folder

[lccFlag:currentUserDesktop] : points to the current user Desktop folder

For example, if you had a value of:

the quick fox jumped to folder [lccFlag:publicDesktop] to folder [lccFlag:currentUserProfile] quickly

It could translate into (depending on your environment/user) as:

the quick fox jumped to folder C:\Users\Public\Desktop to folder C:\Users\jdoe quickly

Logic File: Example

Create a Log, Deletes Shortcut #1 on the Public Desktop, Deletes and Recreates Shortcut #2 on the Current User Desktop

```
lcc:logPath      .\lccShortcutChangerLog
-----
lcc:shortcutName Shortcut #1.lnk
lcc:shortcutPath [lccFlag:publicDesktop]\
-----
lcc:shortcutName Shortcut #2.lnk
lcc:shortcutPath [lccFlag:currentUserDesktop]\
lcc:shortcutNewName  Shortcut #2.lnk
lcc:shortcutNewDescription Shortcut #2
lcc:shortcutNewTarget \\server\share$\ourProgram.exe
lcc:shortcutNewArguments param1 param2
lcc:shortcutNewStartPath [lccFlag:publicDesktop]\
```

Definitions

shortcut - a file that launches another file (program/other)

Modifications

NAME	DATE	MODIFICATION
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David Mielcarek	5/22/2017	Created
David Mielcarek	20180209	Added Flags section

End of document