

IccAuditPasswords Manual

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Description

This document describes how to use the lccAuditPasswords.

lccAuditPasswords

is a Command Line program created to be use the lccAuditPasswordsLib.

The program audits Passwords and provides Google Ratings.

The program receives its settings from a Logic File. It will (by default) look for a Logic File in the same location called: lccAuditPasswords-logic.txt.

Logic File

The Logic File is a Tab delimited text file. Any lines not recognized as a valid Key/Value pair, will be ignore and can be used as remarks/other.

Note: on Rules, the Optional/Mandatory column lets you specify more rules than are required. For example, you may have a requirement that a password match 3 out of 4 rules. If those 4 rules are set as Optional, but, you set the 'must match # rules' to '3', the password can pass any of the four Optional rules to be valid.

The Logic File uses the syntax:

Syntax: **[Key]** *[tab]* **[Value]**

Example: **lcc:key** value

lcc:logPath *(optional)(none to one)*

If you want the program to log information/steps to a log file, provide the path here. The path should include the full path, plus the File Root name. The program will automatically append the Year+Month+".log" to the filename, aka filename-201404.log.

Syntax: **lcc:logPath** *[tab]* **[path]**

Example: **lcc:logPath** e:\folder\logs\lccAuditPasswordsLog

lcc:debugLevel *(optional)(none to many)*

Controls what information is provided during processing.

Provide this key for each Debug Level you wish to enable.

Debug Levels:

- 1 Show Logic Loaded. Will display settings retrieved from the Logic File.
- 2 Show Process Passwords process.
- 3 Show Rules Passed.

Syntax: **lcc:debugLevel** *[tab]* **[...]**

Example: **lcc:debugLevel** 3

Example #2 (multiple):

lcc:debugLevel	1
lcc:debugLevel	3

lcc:auditPassword *(optional)(none to many)*

You can supply passwords through your program that uses this library, and/or provide password directly through the Logic File.

Syntax: **lcc:auditPassword** *[tab]* **[...]**

Example: **lcc:auditPassword** myC001P@ssword

Example #2 (multiple):

lcc:auditPassword	myC001P@ssword
lcc:auditPassword	anotherpa\$\$word

lcc:passwordMinimumRulesMatched *(mandatory)(one per Logic File)*

How many Rules must the password match to be considered valid.

Syntax: **lcc:passwordMinimumRulesMatched** *[tab]* **[#]**

Example: `lcc:passwordMinimumRulesMatched` 6

lcc:passwordMinimumLength (optional)(one per Logic File)

How long a password must be to pass this rule.

Syntax: `lcc:passwordMinimumLength` [tab] [#] [tab] [Optional/Mandatory]

Example: `lcc:passwordMinimumLength` 10

lcc:passwordMaximumLength (optional)(one per Logic File)

How short a password must be to pass this rule.

Syntax: `lcc:passwordMaxxumLength` [tab] [#] [tab] [Optional/Mandatory]

Example: `lcc:passwordMaximumLength` 10

lcc:passwordGoogleMinimumRating (optional)(one per Logic File)

What Rating # the password must make in Google Ratings to pass this rule.

Must also define the Key `lcc:googleRatingURL`, and recommend defining Key `lcc:googleRatingTitle` for each rating possible.

ref: <https://www.google.com/accounts/RatePassword?Passwd=1234>

Syntax: `lcc:passwordGoogleMinimumRating` [tab] [#] [tab] [Optional/Mandatory]

Example: `lcc:passwordGoogleMinimumRating` 3

lcc:passwordCharacterSet (optional)(none to many)

A set of characters that the password must match the quantity specified to pass this rule. The columns are:

- **#:** How many characters of the set must match.
- **Optional/Mandatory:** Is the rule mandatory.
- **Title:** What Title will show in the report when the set fails.
- **Set:** What characters are in the set.

Syntax: `lcc:passwordCharacterSet` [tab] [#] [tab] [Optional/Mandatory] [tab] [Title] [tab] [..set..]

Ex: `lcc:passwordCharacterSet` 2 Optional abcdefghijklmnopqrstuvwxyz

lcc:googleRatingTitle (optional)(none to many)

What Google Ratings mean and what to display in the report. For example, if Google Rating gives your password a '3', what do you want that called, i.e. 'Good'.

ref: <https://www.google.com/accounts/RatePassword?Passwd=1234>

Syntax: `lcc:googleRatingTitle` [tab] [#] [tab] [Title]

Example: `lcc:googleRatingTitle` 3 Good

lcc:googleRatingURL (optional)(one per Logic File)

What is the URL to do a Google Rating call. Put the flag "[lcc:checkPassword]" anywhere in the URL where you want the password being audited to be placed.

Syntax: `lcc:googleRatingURL` [tab] [URL]

Example:

lcc:googleRatingURL [https://www.google.com/accounts/RatePassword?Passwd=\[lcc:checkPassword\]](https://www.google.com/accounts/RatePassword?Passwd=[lcc:checkPassword])

Supplying A Logic File

Using The Default Logic File

Syntax: **lccAuditPasswords.exe** [**..password..**]

Example: **lccAuditPasswords.exe** ourC00IP@ssword

Using A Logic File That Doesn't Have The Default Name

Syntax: **lccAuditPasswords.exe** [*space*] **lcc:logicPath** [*space*] [**Logic File**] [*space*]

[**Password**]

Example: **lccAuditPasswords.exe** lcc:logicPath ourLogicFile.txt ourC00IP@ssword

Running The Program

From a Command Line run:

To See The Password Rules Defined

lccAuditPasswords.exe

To Audit A Single Password

lccAuditPasswords.exe ourC00IP@ssword

To Audit Multiple Passwords

lccAuditPasswords.exe ourC00IP@ssword an0th3rPa\$\$word

Definitions

Modifications

NAME	DATE	MODIFICATION
David Mielcarek	4/3/2014	Created

End of document