

# IccAuditPasswordsGUI

## Manual

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## Description

This document describes how to use the lccAuditPasswordsGUI.

### **lccAuditPasswordsGUI**

is a Windows 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: lccAuditPasswordsGUI-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):

<b>lcc:debugLevel</b>	1
<b>lcc:debugLevel</b>	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):

<b>lcc:auditPassword</b>	myC001P@ssword
<b>lcc:auditPassword</b>	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])

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## Changing The Logic File

- click on: Options
  - click on: Change Logic Path
  - choose: New Logic File
  - click: Open
- 

## Running The Program

- open: **lccAuditPasswords.exe**
  - enter [..password..] into the Password box  
(as you type, it will give Real Time feedback on the validity of your password)
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## Definitions

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## Modifications

NAME	DATE	MODIFICATION
David Mielcarek	4/3/2014	Created

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End of document