

LookingFor 2.0

A Masm64 tool to find strings in files

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1. Running the Program:

- Step 1: Enter target, that is a path and some file mask, for example:

Target: \Masm64*.as?|*.inc.

where:

Target Path: \Masm64\ (end with backslash character “\”)

Target Mask: *.as?|*.inc (can’t be empty, at least a wildcard “*”)

- Step 2: Enter strings to search. If no string is entered then all files that fit the mask are listed. If there are two strings, files listed match both.
- Step 3: For each string set modes to search:
 - case: sensitive, insensitive or ignore first char.
 - word: partial word, full word, or full with underscore (usually a compose word). An experimental options is full with points (because ML64 accept the point at name beginning).
- Step 4: If You want to exclude files fitting some mask, write that in “excluded” cell (for example *.exe|*.lib|*.dll|*.obj)
- Step 5 : When entered two strings, is possible to restrict the search to some distance between them. Enter in cell “maxDist” the number of bytes.
- Step 6 : Additionally, files to search can be limited by size writing megabyte size in cell “maxMb”.
- Step 7 : Click “Find” button (or Return key in any edition cell).
- Step 8 : a running search can be stopped any moment clicking same button, wich now show “Cancel” text.

2. Values storage:

After first running the program will create an .ini file containing:

- Key 1: interface size and position
- Key 2: to store current target and search parameters.
- Key 3: preferred list of targets (see [Targets List](#)).
- Key 4: default editors for *.bat, *.cmd and *.js files (if not present \masm64\qeditor).
- Key 5: last sorting order.

3. More about file mask

Some general file masks can be used to search:

- “*” in all files, except “.” and “..”
- “*.” in files without extension
- “.*” in only extension files
- “*.*” in all files with name and extension

4. Files matching definitions

Clicking with mouse or pressing Enter key will open selected file in result list. Because is a tool for programming, is expected that extensions of interest have associated an editor.

Executable files will not open to prevent unwanted runnings.

In similar way *.bat, *.cmd and *.js files will not run. But in this cases they will open in an editor. By default \masm64\qeditor is that editor. But is possible to select a new path or editor. If default or stored editor fail, a dialog will ask a new path or editor. Later, editor could be changed in LookingFor.ini file.

5. Targets List

Buttons “+” and “-” allow to store or remove current target from an specific list stored in LookingFor.ini file.

Button “...” open a dialog with options to sort the targets by storage sequence, characters in target and use frequency, in ascendent or descent order. The ASCII characters are ordered as following: symbols (first half), numbers, letters (case insensible), second half characters (above 127).

6. Knowledgements

To Masm32 forum members that help in testing this application, specially to greenozon for detailed reports.

7. Additional Information

The program was builded with Masm64 SDK.

Source code and discussion is is available at:

- [LookingFor: a Masm64 tool to find strings in files](#) (in Masm32 Forum)
- [LookingFor_in_Assembly](#) (in GitHub)