



## OECD International Academy for Tax Crime Investigation

*Anti-Money Laundering: Current Trends, Prosecutions,  
and the Challenges around Cryptocurrencies*



**Seed Finder**

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# SeedFinder

- Free download from EC3/Europol
- If you have a partial word list, the tool can help you identify missing words.
- The tool has been successfully used on a number of cases.

**“The program will try to find missing words in the mnemonic, calculate all possible addresses for different kinds of wallets, and then **check if there have been transactions for those addresses.** “**

**Filip Lacroix**  
Belgian Federal Police, Federal  
Computer Crime Unit

# Seed Finder

Enter the words you have

SeedFinder

Mnemonic to test [Quick Input](#)

english

Word 1	Word 2	Word 3	Word 4	Word 5	Word 6	Word 7	Word 8	Word 9	Word 10	Word 11	Word 12
Word 13	Word 14	Word 15	Word 16	Word 17	Word 18	Word 19	Word 20	Word 21	Word 22	Word 23	Word 24

Valid result will be written to: Result.txt

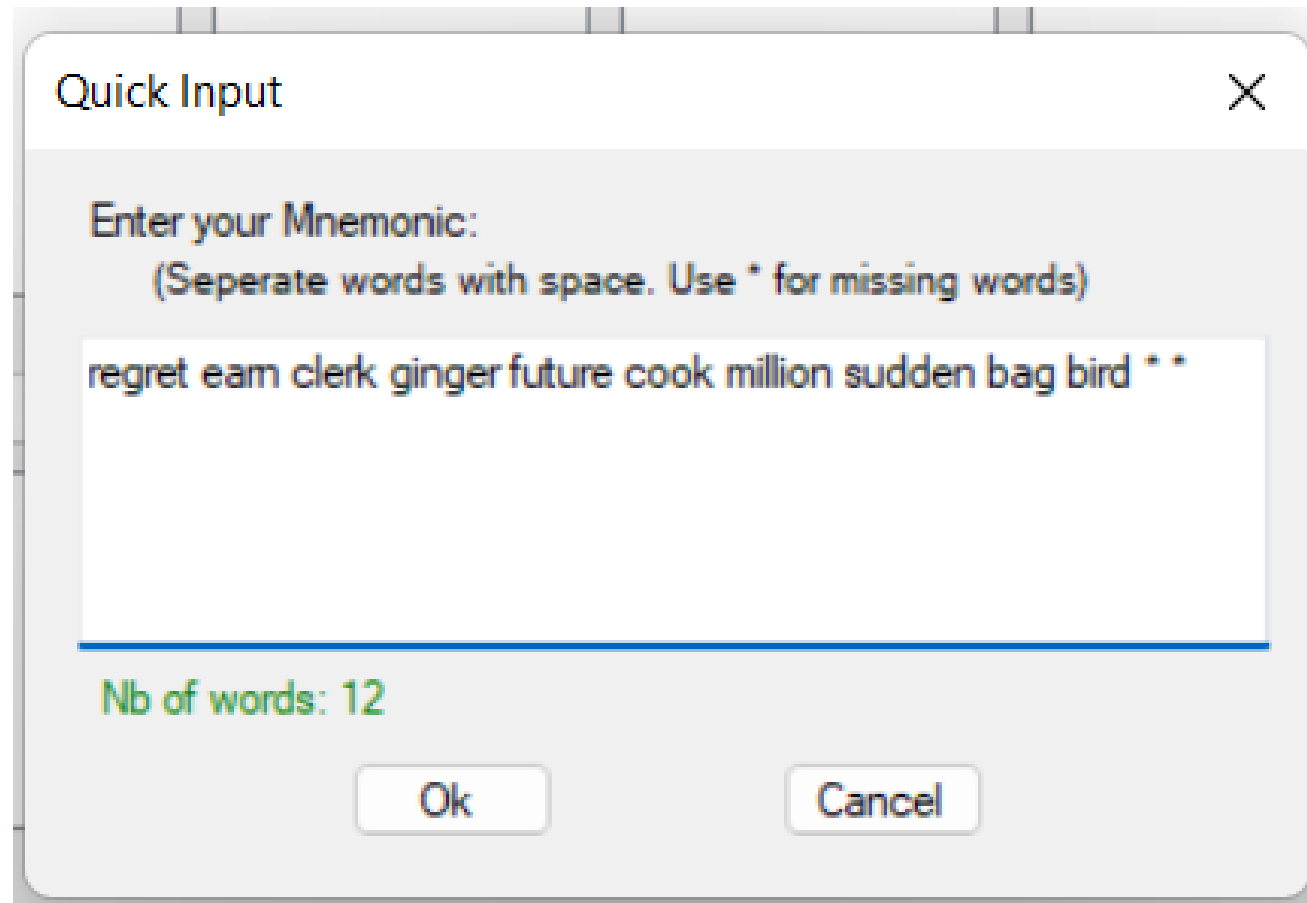
Start testing

Clear All

Remaining possibilities:

Results will be written to a text file

# Quick Input

A screenshot of a 'Quick Input' dialog box. The dialog has a title bar with the text 'Quick Input' and a close button (X) in the top right corner. The main area is light gray and contains the text 'Enter your Mnemonic:' followed by '(Seperate words with space. Use \* for missing words)'. Below this is a white text input field containing the text 'regret eam clerk ginger future cook million sudden bag bird \* \*'. At the bottom of the dialog, there is a green text label 'Nb of words: 12' and two buttons: 'Ok' and 'Cancel'.

Quick Input

Enter your Mnemonic:  
(Seperate words with space. Use \* for missing words)

regret eam clerk ginger future cook million sudden bag bird \* \*

Nb of words: 12

Ok Cancel

# Seed Finder - Exercise

- You find the following list of words on a piece of paper, but there is a bit of the paper torn off at the end and part of the last word is missing: **regret earn clerk ginger future cook million sudden bag bird prefer sp...**
1. Use the SeedFinder tool to generate the possible seed word lists.
  2. How many possible word lists are there?
  3. How many word lists did the SeedFinder identify as containing assets?

Mnemonic to test: Quick Input

Word 1regret

Word 2eam

Word 3clerk

Word 4ginger

Word 9ag

Word 10bird

Word 11prefer

Word 12

Word 13

Word 14

Word 15

Word 16

Word 21

Word 22

Word 23

Word 24

Valid result will be written to: Result.txt

Number of possible combinations: 1

Select Mnemonic Words

special  
speed  
spell  
spend  
sphere  
spice  
spider  
spike  
spin  
spint  
split  
spoil  
sponsor  
spoon  
sport  
spot  
spray  
spread  
spring  
spy

Filter

Search string

sp

Select AllInvert

ContainsSounds like

Starts withEnds with

OkCancel

Select possibilities for word 12

space  
spare  
spatial  
spawn  
speak  
special  
speed  
spell  
spend  
sphere  
spice  
spider  
spike  
spin  
spint  
split  
spoil  
sponsor  
spoon  
sport

Possible words

Clear all

Clear All

Remaining possibilities: 0

Nb of valid mnemonics Found: 1

regret eam clerk ginger future cook million sudden bag bird prefer spot