Word Search Generator

① Check has word from word list

② Check has coordinate from master coordinate

③ Setup – random list of coordinates to check (Randomize master coordinates)

      – random list of available coordinates

④ Get next coordinate from coordinate check

  ④A Has coordinate

  ④B Tried all coordinates no success remove word from words list and add to noFit list

⑤ Get next direction

  ⑤A Has direction

⑥ Check willFit

⑦ If no coordinate from master coordinate add remaining words to noFit list

⑧ Insert word, update master coordinate, remove word from words list

Const

- List of words
- Size of matrix
- List of directions (V, H, D)
- List of coordinate check
- List of master coordinates
- List of words (noFit)