

Documentation Name Generator

Instructions:

Click button to generate new names

Edit number of words in inspector in the NameGenerator object

Recommended no more than 10,000 words to generate, as the task becomes very slow after that

Reflection:

After performing the maths, I have found that generating 100billion names is incomputable on a typical PC. It takes about 8s to generate 10,000 names on my PC, and when scaled up this becomes 14 days to generate 100 billion names. The code is capable, in theory, of generating 10billion names. However, for the brief I have set the name count to 1000 to quickly generate some names. This also means it will be almost impossible to produce a duplicate / profanity word, therefore both these variables display as 0.

The names are generated using 8 random letter combinations, with an added beginning title and ending phrase to give the words more flavour. This makes the code possible to generate much more than 100 billion words, in theory. The generated words are not using letters, but phonetic sounds such as "th" instead of "t", as the word will most likely be easier to read with the phonetic "th". Such as a word spelt with "Tucpnvwx" would be converted to "Thucapnovwa'xi" using the phonetics.