

# NormalizedSoundExDifference

## Algorithm

The [algorithm](#) returns:

- a normalized float (between 0.0 and 1.0) by doing the following:
  1. Finding the difference between the two strings using the [SoundEx US English algorithm](#)
  2. dividing the resulting difference by 4
- an exception in the case of SoundEx not being able to encode one of the strings ([Score](#) catches and handles this)