

NormalizedLevenshteinDifference

Algorithm

The [algorithm](#) returns:

- an exception if either argument is null ([Score](#) catches and handles this)
- 0.0 if both strings are of length 0
- a normalized float (between 0.0 and 1.0) by doing the following:
 1. determine the max length of the two strings
 2. evaluate the two strings using the [Levenshtein Edit Distance algorithm](#)
 3. normalize the distance by evaluating $((\text{maxLength} - \text{levDist})/\text{maxLength})$