
REPRESENTATION

****simil** — similarity representation

DESCRIPTION

The ****simil** representation encodes numerical values that indicate the Damerau-Levenshtein edit distance between two other Humdrum representations. Data tokens for ****simil** consist only of decimal numbers. The value 1.0 indicates identical material beginning at the current data record. Lower numerical values indicate increasingly less similarity at the current data record.

FILE TYPE

It is recommended that files containing predominantly ****simil** data should be given names with the distinguishing '.sim' extension.

SIGNIFIERS

The following table summarizes the ****simil** mappings of signifiers and signifieds.

0-9	decimal values
.	fractional delimiter; null token

*Summary of ****simil** Signifiers*

EXAMPLES

A sample document is given below:

```
**simil
0.78
0.73
0.74
0.69
0.71
0.68
0.68
0.63
.
.
*_
```

PERTINENT COMMANDS

The following Humdrum command produces ****simil** data as output:

simil measure the similarity between two Humdrum spines

TANDEM INTERPRETATIONS

The following tandem interpretations can be used in conjunction with ****simil**:

MIDI channel	*Ch1
meter signatures	*M6/8
key signatures	*k[f#c#]
key	*c#:

*Tandem interpretations for ****simil***

SEE ALSO

cmp (UNIX), ****correl** (2), **correl** (4), **diff** (UNIX), **patt** (4), **pattern** (4), **simil** (4), ****xref** (2)