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# F GENERATESNDXINDEX

Compatibility to FreeUDFLib, FreeUDFLib AvERP

# **F\_SOUNDEX**

#### function from adhoc

Entrypoint soundex compatible with UTF-8

### Inputs/Outputs

Input	CSTRING(8190)	String to generate Soundex
Output	CSTRING(6)	original (american) soundex of string

### **Syntax**

Soundex is a phonetic algorithm to indexation of words and cliches after its sound in the English language. Equalequivalent words are to be coded thereby to an identical character sequence.

Considered starting from the 2. place counted only the first 6 consonants with the determination, whereby repeated occurrence is only once considered (in the example the l,m,y,w,r,d). Therefore it is unsuitable, around longer strings to compare.

TestSQL

SELECT 'H4564' AS ISCORRECT, F\_GENERATESNDXINDEX('Hello my world') FROM RDB\$DATABASE;

SELECT 'H4564' AS ISCORRECT, F\_GENERATESNDXINDEX('Hello my world on my earth') FROM RDB\$DATABASE;

SELECT 'H4564' AS ISCORRECT, F\_SOUNDEX('Hello my world') FROM RDB\$DATABASE; SELECT 'H4564' AS ISCORRECT, F\_SOUNDEX('Hello my world on my earth') FROM RDB\$DATABASE;

SELECT NULL AS ISCORRECT, F SOUNDEX(NULL) FROM RDB\$DATABASE;

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