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;
```