



pears.Base29Safe



Generated schema reference. Regenerate this page from the SQL unload; keep hand-maintained business notes in the narrative namespace.

Original SQL

```
CREATE FUNCTION "pears"."Base29Safe"(  
  /* Application Maintained Function / Procedure - DO NOT EDIT*/  
  IN "seed" INTEGER, IN "digits" SMALLINT )  
RETURNS CHAR(20)  
BEGIN  
  DECLARE "rv" CHAR(20);  
  DECLARE "m" INTEGER;  
  DECLARE "sdigits" CHAR(29);  
  -- Where the code must be handled by humans, letters 0 and I can be  
  -- confused with zero and one so these are left out  
  -- By removing all vowels and also 1 & 0 from the available characters  
  -- (except the padding) nothing that  
  -- looks much like a word (rude or otherwise) should be generated  
  SET "sdigits" = '23456789BCDFGHJKLMNPQRSTVWXYZ';  
  SET "rv" = '';  
  IF(("digits" > 20) OR("digits" < 1)) THEN  
    SET "digits" = 20  
  END IF;  
  while "seed" > 0 loop  
    SET "m" = "mod"("seed",29);  
    SET "rv" = "substr"("sdigits","m"+1,1) || "rv";  
    SET "seed" = "seed"/29  
  END loop;  
  SET "rv" = "right"("string"('00000000000000000000',"rv"),"digits");  
  RETURN("rv")  
END
```

From:
<https://iqxusers.co.uk/iqxhelp/> - iqx

Permanent link:
https://iqxusers.co.uk/iqxhelp/doku.php?id=database:functions:pears_base29safe

Last update: 2026/08/07 19:24



