



pears.Base34



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

Original SQL

```
CREATE FUNCTION "pears"."Base34"(  
  /* 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(34);  
  -- 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 base34  
  SET "sdigits" = '0123456789ABCDEFGHIJKLMNPQRSTUVWXYZ';  
  SET "rv" = '';  
  IF(("digits" > 20) OR ("digits" < 1)) THEN  
    SET "digits" = 20  
  END IF;  
  while "seed" > 0 loop  
    SET "m" = "mod"("seed",34);  
    SET "rv" = "substr"("sdigits","m"+1,1) || "rv";  
    SET "seed" = "seed"/34  
  END loop;  
  while "length"("rv") < "digits" loop  
    SET "rv" = '0' || "rv"  
  END loop;  
  RETURN("rv")  
END
```

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