



pears.Base34



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

Original SQL

```
COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."Base34" IS
{CREATE FUNCTION 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 O 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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