



pears.URLSafe



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

Original SQL

```
CREATE FUNCTION "pears"."URLSafe"(  
  /* Application Maintained Function / Procedure - DO NOT EDIT*/  
  IN "OldString" long VARCHAR )  
RETURNS long VARCHAR  
BEGIN  
  -- Partial solution. Â£ is the only multi-byte utf-8 char handled. If  
  possible use the Delphi or jobrunner httpsafe implementations  
  DECLARE "NewString" long VARCHAR;  
  DECLARE "StringLength" SMALLINT;  
  DECLARE "CurrentChar" CHAR(10);  
  DECLARE "CurrentPos" SMALLINT;  
  DECLARE "AsciiVal" SMALLINT;  
  DECLARE "SafeChars" CHAR(250);  
  IF "OldString" IS NULL THEN RETURN(NULL)  
  END IF;  
  SET "stringlength" = "length"("OldString");  
  SET "CurrentPos" = 1;  
  SET "NewString" = '';  
  SET "SafeChars" =  
'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789-_.!~*'()'';  
  "process": loop  
    SET "CurrentChar" = "substr"("OldString","CurrentPos",1);  
    IF "CurrentChar" = 'Â£' THEN  
      SET "CurrentChar" = '%C2%A3'  
    ELSE IF "charindex"("CurrentChar","SafeChars") = 0 THEN  
      SET "CurrentChar" =  
"ucase"("string"('%',"right"("IntToHex"("ascii"("CurrentChar")),2)))  
    END IF END IF;  
    SET "NewString" = "NewString" || "CurrentChar";  
    SET "CurrentPos" = "CurrentPos"+1;  
    IF "CurrentPos" > "StringLength" THEN leave "process"  
  END IF  
END loop "process";  
RETURN("NewString")
```



END

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