



pears.URLSafe



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"."URLSafe" IS
{CREATE FUNCTION 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  
}
```

From:

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