



pears.DistanceBetweenPostCodes



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

Original SQL

```
CREATE FUNCTION "pears"."DistanceBetweenPostCodes"(  
  /* Application Maintained Function / Procedure - DO NOT EDIT*/  
  IN @PostCodeA CHAR(20),IN @PostCodeB CHAR(20),IN @Unit CHAR(2) )  
RETURNS NUMERIC(11,3)  
BEGIN  
  DECLARE @EastingA NUMERIC(11,3);  
  DECLARE @EastingB NUMERIC(11,3);  
  DECLARE @NorthingA NUMERIC(11,3);  
  DECLARE @NorthingB NUMERIC(11,3);  
  DECLARE @Distance NUMERIC(11,3);  
  SELECT FIRST "Easting","Northing" INTO @EastingA,@NorthingA FROM  
"PostCodeLocation" WHERE "PostCode" = "trim"(@PostCodeA);  
  SELECT FIRST "Easting","Northing" INTO @EastingB,@NorthingB FROM  
"PostCodeLocation" WHERE "PostCode" = "trim"(@PostCodeB);  
  SET @Distance = "sqrt"("power"("abs"(@NorthingA-  
@NorthingB),2)+"power"("abs"(@EastingA-@EastingB),2))/1000*IF @Unit = 'Mi'  
THEN .621371192 ELSE 1 endif;  
  SET @Distance =  
@Distance*CAST("WPKMaintainGetSwitchValue"('POSTCODEMULT','GLOBAL','L') AS  
DOUBLE);  
  RETURN(@Distance)  
END
```

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

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