



pears.DistanceBetweenPostCodes



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"."DistanceBetweenPostCodes"
IS
{CREATE FUNCTION 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

Permanent link:
https://iqxusers.co.uk/iqxhelp/doku.php?id=database:procedures:pears_distancebetweenpostcodes

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