



pears.PhoneUpdate



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

Original SQL

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CREATE FUNCTION "pears"."PhoneUpdate"( IN "Number" CHAR(50) )
RETURNS CHAR(50)
BEGIN
    DECLARE "WorkNum" CHAR(50);
    //// Tidy up the NUMBER
    SET "WorkNum" = "replacestr"("trim"("Number"),'-',' ',0);
    SET "WorkNum" = "replacestr"("WorkNum",' ',' ',0);
    SET "WorkNum" = "replacestr"("WorkNum",'(',' ',0);
    SET "WorkNum" = "replacestr"("WorkNum",')',' ',0);
    //// CHECK now ALL numbers
    IF "patindex"('%[^0-9]%', "WorkNum") <> 0 THEN RETURN("Number")
    END IF;
    ////
    //// CHECK FOR London (4 CHAR codes)
    CASE "left"("WorkNum",4)
    WHEN '0171' THEN SET "WorkNum" = '020 7'+ "substr"("WorkNum",5,3)+
'+"substr"("WorkNum",8,43);
        RETURN("WorkNum")
    WHEN '0181' THEN SET "WorkNum" = '020 8'+ "substr"("WorkNum",5,3)+
'+"substr"("WorkNum",8,43);
        RETURN("WorkNum")
    END CASE;
    ////
    //// CHECK Martinstown, Carrickmore & Limavady (Possible confusion WITH
Ballymena, Omagh & Londonderry below)
    CASE "left"("WorkNum",6) /*Martinstown*/
    WHEN '012667' THEN SET "WorkNum" = '028 217'+ "substr"("WorkNum",7,1)+
'+"substr"("WorkNum",8,46);
        RETURN("WorkNum") /*Limavady*/
    WHEN '015047' THEN SET "WorkNum" = '028 777'+ "substr"("WorkNum",7,1)+
'+"substr"("WorkNum",8,46);
        RETURN("WorkNum") /*Carrickmore*/
    WHEN '016627' THEN SET "WorkNum" = '028 807'+ "substr"("WorkNum",7,1)+
'+"substr"("WorkNum",8,46);
        RETURN("WorkNum")
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END CASE;
////
//// CHECK FOR other UK Cities (5 CHAR STD codes)
CASE "left"("WorkNum",5) /*Cardiff*/
WHEN '01222' THEN SET "WorkNum" = '029 20'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Coventry*/
WHEN '01203' THEN SET "WorkNum" = '024 76'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Portsmouth*/
WHEN '01705' THEN SET "WorkNum" = '023 92'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Southampton*/
WHEN '01703' THEN SET "WorkNum" = '023 80'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Belfast*/
WHEN '01232' THEN SET "WorkNum" = '028 90'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Ballymena - check 5 or 6 digit local number*/
WHEN '01266' THEN IF "length"("WorkNum") = 10 THEN
SET "WorkNum" = '028 256'+substr("WorkNum",6,1)+'
'+substr("WorkNum",7,46)
ELSE SET "WorkNum" = '028 25'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45)
END IF;
RETURN("WorkNum") /*Larne*/
WHEN '01754' THEN SET "WorkNum" = '028 28'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Londonderry*/
WHEN '01504' THEN SET "WorkNum" = '028 71'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Colrairie - check 5 or 6 digit local number*/
WHEN '01265' THEN IF "length"("WorkNum") = 10 THEN
SET "WorkNum" = '028 703'+substr("WorkNum",6,1)+'
'+substr("WorkNum",7,46)
ELSE SET "WorkNum" = '028 70'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45)
END IF;
RETURN("WorkNum") /*Magherafelt - check 5 or 6 digit local number*/
WHEN '01648' THEN IF "length"("WorkNum") = 10 THEN
SET "WorkNum" = '028 796'+substr("WorkNum",6,1)+'
'+substr("WorkNum",7,46)
ELSE SET "WorkNum" = '028 79'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45)
END IF;
RETURN("WorkNum") /*Bangor*/
WHEN '01247' THEN SET "WorkNum" = '028 91'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
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RETURN("WorkNum") /*Lisburn*/
WHEN '01846' THEN SET "WorkNum" = '028 92'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Ballyclare*/
WHEN '01960' THEN SET "WorkNum" = '028 93'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Antrim*/
WHEN '01849' THEN SET "WorkNum" = '028 94'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Saintfield*/
WHEN '01238' THEN SET "WorkNum" = '028 97'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Omagh*/
WHEN '01662' THEN SET "WorkNum" = '028 82'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Dungannon*/
WHEN '01868' THEN SET "WorkNum" = '028 87'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Downpatrick*/
WHEN '01396' THEN SET "WorkNum" = '028 44'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Newry - check 5 or 6 digit local number*/
WHEN '01693' THEN IF "length"("WorkNum") = 10 THEN
SET "WorkNum" = '028 302'+substr("WorkNum",6,1)+'
'+substr("WorkNum",7,46)
ELSE SET "WorkNum" = '028 30'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45)
END IF;
RETURN("WorkNum") /*Armagh*/
WHEN '01861' THEN SET "WorkNum" = '028 37'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Portadown*/
WHEN '01762' THEN SET "WorkNum" = '028 38'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum") /*Enniskillen*/
WHEN '01365' THEN SET "WorkNum" = '028 66'+substr("WorkNum",6,2)+'
'+substr("WorkNum",8,45);
RETURN("WorkNum")
END CASE;
///// CHECK FOR other UK Cities (6 CHAR STD codes)
CASE "left"("WorkNum",6) /*Ballycastle*/
WHEN '012657' THEN SET "WorkNum" = '028 207'+substr("WorkNum",6,1)+'
'+substr("WorkNum",7,46);
RETURN("WorkNum") /*Ballymoney*/
WHEN '012656' THEN SET "WorkNum" = '028 276'+substr("WorkNum",6,1)+'
'+substr("WorkNum",7,46);
RETURN("WorkNum") /*Kilrea*/
WHEN '012665' THEN SET "WorkNum" = '028 295'+substr("WorkNum",6,1)+'
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'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Newtonstewart*/
    WHEN '016626' THEN SET "WorkNum" = '028 816'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Ballygawley*/
    WHEN '016625' THEN SET "WorkNum" = '028 855'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Cookstown*/
    WHEN '016487' THEN SET "WorkNum" = '028 867'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Fivemiletown*/
    WHEN '013655' THEN SET "WorkNum" = '028 895'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Banbridge*/
    WHEN '018206' THEN SET "WorkNum" = '028 406'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Rostrevor*/
    WHEN '016937' THEN SET "WorkNum" = '028 417'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Kircubbin*/
    WHEN '012477' THEN SET "WorkNum" = '028 427'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Newcastle*/
    WHEN '013967' THEN SET "WorkNum" = '028 437'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Lisnaskea*/
    WHEN '013657' THEN SET "WorkNum" = '028 677'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum") /*Kesh*/
    WHEN '013656' THEN SET "WorkNum" = '028 686'+"substr"("WorkNum",6,1)+'
'+"substr"("WorkNum",7,46);
    RETURN("WorkNum")
END CASE;
///// CHECK FOR OLD STYLE mobile numbers
IF "left"("WorkNum",4) = '0374' AND "left"("WorkNum",5) <> '03745' THEN
    SET "WorkNum" = '07'+"substr"("WorkNum",2,3)+'
'+"substr"("WorkNum",5,46);
    RETURN("WorkNum")
END IF;
IF "left"("WorkNum",2) = '04' THEN
    SET "WorkNum" = '07'+"substr"("WorkNum",2,3)+'
'+"substr"("WorkNum",5,46);
    RETURN("WorkNum")
END IF;
IF "left"("WorkNum",4) IN(
'0585', '0589', '0705', '0802', '0831', '0850', '0860', '0881', '0973', '0976', '0966'
) THEN
    SET "WorkNum" = '07'+"substr"("WorkNum",2,3)+'
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'+"substr"("WorkNum",5,46);  
    RETURN("WorkNum")  
END IF;  
IF "left"("WorkNum",5) IN( '08362','08363','08365','08366','08367' ) THEN  
    SET "WorkNum" = '07'+"substr"("WorkNum",2,3)+'  
'+"substr"("WorkNum",5,46);  
    RETURN("WorkNum")  
END IF;  
RETURN("Number")  
END
```

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