



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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COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."PhoneUpdate" IS
{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) WHEN '012667' THEN /*Martinstown*/
    SET WorkNum='028 217'+substr(WorkNum, 7, 1)+' '+substr(WorkNum, 8, 46);
    RETURN(WorkNum) WHEN '015047' THEN /*Limavady*/
    SET WorkNum='028 777'+substr(WorkNum, 7, 1)+' '+substr(WorkNum, 8, 46);
    RETURN(WorkNum) WHEN '016627' THEN /*Carrickmore*/
    SET WorkNum='028 807'+substr(WorkNum, 7, 1)+' '+substr(WorkNum, 8, 46);
    RETURN(WorkNum)
  END CASE
;
  ////
  //// CHECK FOR other UK Cities (5 CHAR STD codes)
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CASE "left"(WorkNum,5) WHEN '01222' THEN /*Cardiff*/
  SET WorkNum='029 20'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01203' THEN /*Coventry*/
  SET WorkNum='024 76'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01705' THEN /*Portsmouth*/
  SET WorkNum='023 92'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01703' THEN /*Southampton*/
  SET WorkNum='023 80'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01232' THEN /*Belfast*/
  SET WorkNum='028 90'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01266' THEN /*Ballymena - check 5 or 6 digit
local number*/
  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) WHEN '01754' THEN /*Larne*/
  SET WorkNum='028 28'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01504' THEN /*Londonderry*/
  SET WorkNum='028 71'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01265' THEN /*Colrairie - check 5 or 6 digit local
number*/
  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) WHEN '01648' THEN /*Magherafelt - check 5 or 6 digit
local number*/
  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) WHEN '01247' THEN /*Bangor*/
  SET WorkNum='028 91'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01846' THEN /*Lisburn*/
  SET WorkNum='028 92'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01960' THEN /*Ballyclare*/
  SET WorkNum='028 93'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01849' THEN /*Antrim*/
  SET WorkNum='028 94'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01238' THEN /*Saintfield*/
  SET WorkNum='028 97'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01662' THEN /*Omagh*/
  SET WorkNum='028 82'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01868' THEN /*Dungannon*/
  SET WorkNum='028 87'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
  RETURN(WorkNum) WHEN '01396' THEN /*Downpatrick*/
  SET WorkNum='028 44'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
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RETURN(WorkNum) WHEN '01693' THEN /*Newry - check 5 or 6 digit local number*/
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) WHEN '01861' THEN /*Armagh*/
SET WorkNum='028 37'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
RETURN(WorkNum) WHEN '01762' THEN /*Portadown*/
SET WorkNum='028 38'+substr(WorkNum,6,2)+' '+substr(WorkNum,8,45);
RETURN(WorkNum) WHEN '01365' THEN /*Enniskillen*/
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) WHEN '012657' THEN /*Ballycastle*/
    SET WorkNum='028 207'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '012656' THEN /*Ballymoney*/
    SET WorkNum='028 276'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '012665' THEN /*Kilrea*/
    SET WorkNum='028 295'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '016626' THEN /*Newtonstewart*/
    SET WorkNum='028 816'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '016625' THEN /*Ballygawley*/
    SET WorkNum='028 855'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '016487' THEN /*Cookstown*/
    SET WorkNum='028 867'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '013655' THEN /*Fivemiletown*/
    SET WorkNum='028 895'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '018206' THEN /*Banbridge*/
    SET WorkNum='028 406'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '016937' THEN /*Rostrevor*/
    SET WorkNum='028 417'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '012477' THEN /*Kircubbin*/
    SET WorkNum='028 427'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '013967' THEN /*Newcastle*/
    SET WorkNum='028 437'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '013657' THEN /*Lisnaskea*/
    SET WorkNum='028 677'+substr(WorkNum,6,1)+' '+substr(WorkNum,7,46);
    RETURN(WorkNum) WHEN '013656' THEN /*Kesh*/
    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);
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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','09
66') THEN
    SET WorkNum='07'+substr(WorkNum,2,3)+' '+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
}
```

From:

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