



pears.ValidateNINumber



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"."ValidateNINumber" IS
{CREATE FUNCTION ValidateNINumber( IN @NI CHAR(10) )
RETURNS CHAR(250)
BEGIN
    // based ON IR Quality Standard Validation Specification FROM April 2005
    Version 2.0
    // Sep 2020 HMRC Rules advice
    // The characters D, F, I, Q, U, AND V are NOT used AS either the FIRST
    OR SECOND letter OF a NINO prefix.
    // The letter O IS NOT used AS the SECOND letter OF a prefix.
    // Prefixes BG, GB, KN, NK, NT, TN AND ZZ are NOT TO be used
    DECLARE "ResultMessage" CHAR(250);
    SET "ResultMessage" = '';
    IF @NI IS NULL THEN RETURN NULL
    END IF;
    IF "length"(@NI) <> 9 THEN SET "ResultMessage" = "ResultMessage" + 'NI
number is not 9 characters long. '
    END IF;
    IF "left"(@NI,2) NOT IN(
'AA', 'AB', 'AE', 'AG', 'AH', 'AK', 'AL', 'AM', 'AP', 'AR', 'AS', 'AT', 'AW', 'AX', 'AY', '
AZ', 'BA', 'BB', 'BE', 'BH', 'BK', 'BL', 'BM', 'BT', 'CA', 'CB', 'CE', 'CH', 'CK', 'CL', 'C
R', 'EA', 'EB', 'EE', 'EH', 'EK', 'EL', 'EM', 'EP', 'ER', 'ES', 'ET', 'EW', 'EX', 'EY', 'EZ
', 'GY', 'HA', 'HB', 'HE', 'HH', 'HK', 'HL', 'HN', 'HM', 'HP', 'HR', 'HS', 'HT', 'HW', 'HX'
, 'HY', 'HZ', 'JA', 'JB', 'JC', 'JE', 'JG', 'JH', 'JJ', 'JK', 'JL', 'JM', 'JN', 'JP', 'JR'
, 'JS', 'JT', 'JW', 'JX', 'JY', 'JZ', 'KA', 'KB', 'KC', 'KE', 'KH', 'KK', 'KL', 'KM', 'KP', '
KR', 'KS', 'KT', 'KW', 'KX', 'KY', 'KZ', 'LA', 'LB', 'LE', 'LH', 'LK', 'LL', 'LM', 'LP', 'L
R', 'LS', 'LT', 'LW', 'LX', 'LY', 'LZ', 'MA', 'MW', 'MX', 'NA', 'NB', 'NE', 'NH', 'NJ', 'NL
', 'NM', 'NP', 'NR', 'NS', 'NW', 'NX', 'NY', 'NZ', 'OA', 'OB', 'OE', 'OH', 'OK', 'OL', 'OM'
, 'OP', 'OR', 'OS', 'OX', 'PA', 'PB', 'PC', 'PE', 'PG', 'PH', 'PJ', 'PK', 'PW', 'PX', 'PY'
, 'PL', 'PM', 'PN', 'PP', 'PR', 'PS', 'PT', 'RA', 'RB', 'RE', 'RH', 'RK', 'RM', 'RP', 'RR', '
RS', 'RT', 'RW', 'RX', 'RY', 'RZ', 'SA', 'SB', 'SC', 'SE', 'SM', 'SN', 'SW', 'SG', 'SH', 'S
J', 'SK', 'SL', 'SP', 'SR', 'SS', 'ST', 'SX', 'SY', 'SZ', 'TA', 'TB', 'TE', 'TH', 'TJ', 'TK
', 'TL', 'TM', 'TP', 'TR', 'TS', 'TT', 'TW', 'TX', 'TY', 'TZ', 'WA', 'WB', 'WE', 'WG', 'WK'
, 'WL', 'WM', 'WP', 'YA', 'YB', 'YE', 'YH', 'YK', 'YL', 'YM', 'YP', 'YR', 'YS', 'YT', 'YW'
, 'YX', 'YY', 'YZ', 'ZA', 'ZB', 'ZE', 'ZH', 'ZK', 'ZL', 'ZM', 'ZP', 'ZR', 'ZS', 'ZT', 'ZW', '

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ZX','ZY' ) THEN
    SET "ResultMessage" = "ResultMessage" + 'NI 2 character prefix used is not
a valid prefix. '
END IF;
IF "left"(@NI,2) = 'TN' THEN
    SET "ResultMessage" = "ResultMessage" + 'Temporary NI numbers are no
longer valid, date of birth and gender should be completed instead. '
END IF;
IF "substr"(@NI,3,6) NOT LIKE '[0-9][0-9][0-9][0-9][0-9][0-9]' THEN
    SET "ResultMessage" = "ResultMessage" + 'Characters 3-8 of the NI number
must be numeric. '
END IF;
IF "substr"(@NI,9,1) NOT LIKE '[A-D ]' THEN
    SET "ResultMessage" = "ResultMessage" + 'The last character of the NI
number must be A,B,C,D or a space. '
END IF;
IF "ResultMessage" = '' THEN SET "ResultMessage" = NULL
END IF;
RETURN "trim"("ResultMessage")
END
}
```

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

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

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