



pears.GetPersonAvailState



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

Original SQL

```
CREATE FUNCTION "pears"."GetPersonAvailState"(  
  /* Application Maintained Function / Procedure - DO NOT EDIT*/  
  IN "sid" CHAR(20),IN "ddate" DATE )  
RETURNS CHAR(1)  
BEGIN  
  DECLARE "rv" CHAR(1);  
  DECLARE "empid" CHAR(20);  
  DECLARE "so" SMALLINT;  
  DECLARE "dw" SMALLINT;  
  DECLARE "Temp" tinyint;  
  DECLARE "Wsun" tinyint;  
  DECLARE "WMon" tinyint;  
  DECLARE "WTue" tinyint;  
  DECLARE "WWed" tinyint;  
  DECLARE "WThu" tinyint;  
  DECLARE "WFri" tinyint;  
  DECLARE "WSat" tinyint;  
  SET "rv" = NULL;  
  SELECT FIRST "state",  
    (CASE "state" WHEN 'P' THEN  
      0  
      WHEN 'B' THEN 2 WHEN 'W' THEN 3 WHEN 'H' THEN 4 WHEN 'U' THEN 5 ELSE 6  
    END) AS "sortorder" INTO "rv","so" FROM "tempshift"  
    WHERE "personid" = "sid" AND "shiftdate" = "ddate" AND "state" <> 'C'  
    ORDER BY "sortorder" ASC;  
  IF "rv" IS NULL OR "rv" = 'A' THEN  
    SET "empid" = NULL;  
    SET "dw" = "dow"("ddate");  
    SELECT FIRST "employmentid","Temp" INTO "empid","temp" FROM "employment"  
    WHERE "isnull"("concurrent",0) = 0 AND "personid" = "sid" AND "startdate" <=  
    "ddate" AND("leavedate" IS NULL OR "leavedate" >= "ddate");  
    IF "empid" IS NOT NULL THEN  
      IF "temp" = 0 THEN  
        RETURN 'W'  
      END IF;  
    END IF;
```



```
SELECT
"isNull"("WorkSunday",0),"isNull"("WorkMonday",0),"isNull"("WorkTuesday",0),
"isNull"("WorkWednesday",0),
"isNull"("WorkThursday",0),"isNull"("WorkFriday",0),"isNull"("WorkSaturday",
0) INTO "wSun","WMon","WTue","WWed","WThu","WFri","WSat"
FROM "employment" KEY JOIN "placement" WHERE
"placement"."employmentid" = "empid";
IF("wsun" IS NULL)
OR(( "wsun"+"wmon"+"wtue"+"wwed"+"wthu"+"wfri"+"wsat" ) = 0) OR(( "wsun" = 1
AND "dw" = 1)
OR("wMon" = 1 AND "dw" = 2) OR("wTue" = 1 AND "dw" = 3) OR("wWed" =
1 AND "dw" = 4) OR("wThu" = 1 AND "dw" = 5)
OR("wFri" = 1 AND "dw" = 6) OR("wsat" = 1 AND "dw" = 7)) THEN RETURN
'W'
END IF
END IF END IF;
RETURN "rv"
END
```

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

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

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