



pears.GetPersonAvailState



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"."GetPersonAvailState" IS
{CREATE FUNCTION 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;
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
}
```

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