



pears.MasterRosterCurrent



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

Original SQL

```
CREATE PROCEDURE "pears"."MasterRosterCurrent"(  
    /* Application Maintained Function / Procedure - DO NOT EDIT*/  
    IN "SDate" DATE, IN "EDate" DATE, IN "VacID" CHAR(20), IN "MRID" CHAR(20), IN  
    "iid" CHAR(20) )  
RESULT( "SID" CHAR(20), "sdate" DATE )  
BEGIN  
    IF "isnull"("MRID", '') = '' THEN  
        DELETE FROM "MRShiftIDs" WHERE "instid" = "iid";  
        FOR "forlab" AS "curs" no scroll cursor FOR SELECT  
            "masterrostershiftid", "nextdate", "finaldate", "daysincycle", "startdate", "shif  
tstartdate" FROM "masterrostershift" KEY JOIN "masterroster" WHERE  
            "vacancyid" = "VacID"  
            AND "startdate" <= "edate" AND "shiftstartdate" <= "edate"  
AND("masterrostershift"."finaldate" IS NULL OR  
"masterrostershift"."finaldate" >= "SDate") do  
            IF "nextdate" BETWEEN "sdate" AND "edate" THEN  
                INSERT INTO "MRShiftIDs" ( "instid", "sids", "sdates" ) VALUES(  
"iid", "masterrostershiftid", "nextdate" )  
            ELSE  
                IF "nextdate" > "edate" THEN  
                    while("nextdate" NOT BETWEEN "sdate" AND "edate") AND "nextdate" >  
"isnull"("finaldate", "nextdate"-1) loop  
                        SET "nextdate" = "nextdate" - "daysincycle"  
                    END loop;  
                    IF "nextdate" BETWEEN "sdate" AND "edate" AND "nextdate" >=  
"startdate" AND "nextdate" >= "shiftstartdate" THEN  
                        INSERT INTO "MRShiftIDs" ( "instid", "sids", "sdates" ) VALUES(  
"iid", "masterrostershiftid", "nextdate" )  
                    END IF END IF;  
                    IF "nextdate" < "sdate" THEN  
                        while("nextdate" NOT BETWEEN "sdate" AND "edate") AND "nextdate" >  
"isnull"("finaldate", "nextdate"-1) loop  
                            SET "nextdate" = "nextdate" + "daysincycle"  
                        END loop;  
                        IF "nextdate" BETWEEN "sdate" AND "edate" THEN
```



```
        INSERT INTO "MRShiftIDs"( "instid","sids","sdates" ) VALUES(
        "iid","masterrostershiftid","nextdate" )
        END IF
    END IF END IF END FOR;
    SELECT "sids","sdates" FROM "MRShiftIDs" WHERE "instid" = "iid"
ELSE
    DELETE FROM "MRShiftID2s" WHERE "instid" = "iid";
    FOR "forlab2" AS "curs2" no scroll cursor FOR SELECT
    "masterrostershiftid","nextdate","finaldate","daysincycle","startdate","shif
tstartdate" FROM "masterrostershift" KEY JOIN "masterroster" WHERE
    "masterroster"."masterrosterid" = "MRID"
        AND "startdate" <= "edate" AND "shiftstartdate" <= "edate"
AND("masterrostershift"."finaldate" IS NULL OR
    "masterrostershift"."finaldate" >= "SDate") do
        IF "nextdate" BETWEEN "sdate" AND "edate" THEN
            INSERT INTO "MRShiftID2s"( "instid","sids","sdates" ) VALUES(
            "iid","masterrostershiftid","nextdate" )
        ELSE
            IF "nextdate" > "edate" THEN
                while("nextdate" NOT BETWEEN "sdate" AND "edate") AND "nextdate" >
                "isnull"("finaldate","nextdate"-1) loop
                    SET "nextdate" = "nextdate"-"daysincycle"
                END loop;
                IF "nextdate" BETWEEN "sdate" AND "edate" AND "nextdate" >=
                "startdate" AND "nextdate" >= "shiftstartdate" THEN
                    INSERT INTO "MRShiftID2s"( "instid","sids","sdates" ) VALUES(
                    "iid","masterrostershiftid","nextdate" )
                END IF END IF;
                IF "nextdate" < "sdate" THEN
                    while("nextdate" NOT BETWEEN "sdate" AND "edate") AND "nextdate" >
                    "isnull"("finaldate","nextdate"-1) loop
                        SET "nextdate" = "nextdate"+"daysincycle"
                    END loop;
                    IF "nextdate" BETWEEN "sdate" AND "edate" THEN
                        INSERT INTO "MRShiftID2s"( "instid","sids","sdates" ) VALUES(
                        "iid","masterrostershiftid","nextdate" )
                    END IF
                END IF END IF END FOR;
            SELECT "sids","sdates" FROM "MRShiftID2s" WHERE "instid" = "iid"
        END IF
    END
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."MasterRosterCurrent" IS
{CREATE PROCEDURE MasterRosterCurrent

/* Application Maintained Function / Procedure - DO NOT EDIT*/
```



```
(
  IN SDate DATE,IN EDate DATE,IN VacID CHAR(20),IN MRID CHAR(20), IN iid
  CHAR(20) )
RESULT( SID CHAR(20),sdate DATE )
BEGIN
  IF isnull(MRID,'') = '' THEN
    DELETE FROM MRShiftIDs WHERE instid = iid;
    FOR forlab AS curs no scroll cursor FOR SELECT
masterrostershiftid,nextdate,finaldate,daysincycle,startdate,shiftstartdate
FROM masterrostershift KEY JOIN masterroster WHERE vacancyid = VacID
    AND startdate <= edate AND shiftstartdate <= edate
AND(masterrostershift.finaldate IS NULL OR masterrostershift.finaldate >=
SDate) do
    IF nextdate BETWEEN sdate AND edate THEN
      INSERT INTO MRShiftIDs( instid,sids,sdates ) VALUES(
iid,masterrostershiftid,nextdate )
    ELSE
      IF nextdate > edate THEN
        while(nextdate NOT BETWEEN sdate AND edate) AND nextdate >
isnull(finaldate,nextdate-1) loop
          SET nextdate = nextdate-daysincycle
        END loop;
      IF nextdate BETWEEN sdate AND edate AND nextdate >= startdate AND
nextdate >= shiftstartdate THEN
        INSERT INTO MRShiftIDs( instid,sids,sdates ) VALUES(
iid,masterrostershiftid,nextdate )
      END IF END IF;
      IF nextdate < sdate THEN
        while(nextdate NOT BETWEEN sdate AND edate) AND nextdate >
isnull(finaldate,nextdate-1) loop
          SET nextdate = nextdate+daysincycle
        END loop;
      IF nextdate BETWEEN sdate AND edate THEN
        INSERT INTO MRShiftIDs( instid,sids,sdates ) VALUES(
iid,masterrostershiftid,nextdate )
      END IF
    END IF
  END IF END FOR;
  SELECT sids,sdates FROM MRShiftIDs WHERE instid = iid
ELSE
  DELETE FROM MRShiftID2s WHERE instid = iid;
  FOR forlab2 AS curs2 no scroll cursor FOR SELECT
masterrostershiftid,nextdate,finaldate,daysincycle,startdate,shiftstartdate
FROM masterrostershift KEY JOIN masterroster WHERE
masterroster.masterrosterid = MRID
    AND startdate <= edate AND shiftstartdate <= edate
AND(masterrostershift.finaldate IS NULL OR masterrostershift.finaldate >=
SDate) do
```



```
IF nextdate BETWEEN sdate AND edate THEN
  INSERT INTO MRShiftID2s( instid,sids,sdates ) VALUES(
iid,masterrostershiftid,nextdate )
ELSE
  IF nextdate > edate THEN
    while(nextdate NOT BETWEEN sdate AND edate) AND nextdate >
isnull(finaldate,nextdate-1) loop
      SET nextdate = nextdate-daysincycle
    END loop;
    IF nextdate BETWEEN sdate AND edate AND nextdate >= startdate AND
nextdate >= shiftstartdate THEN
      INSERT INTO MRShiftID2s( instid,sids,sdates ) VALUES(
iid,masterrostershiftid,nextdate )
    END IF END IF;
    IF nextdate < sdate THEN
      while(nextdate NOT BETWEEN sdate AND edate) AND nextdate >
isnull(finaldate,nextdate-1) loop
        SET nextdate = nextdate+daysincycle
      END loop;
      IF nextdate BETWEEN sdate AND edate THEN
        INSERT INTO MRShiftID2s( instid,sids,sdates ) VALUES(
iid,masterrostershiftid,nextdate )
      END IF
    END IF
  END IF END FOR;
  SELECT sids,sdates FROM MRShiftID2s WHERE instid = iid
END IF
END
}
```

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