



pears.calcdiaryextradays



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

Original SQL

```
CREATE PROCEDURE "pears"."calcdiaryextradays"(  
  /* Application Maintained Function / Procedure - DO NOT EDIT*/  
  IN "sstaffid" CHAR(20),IN "dfrom" DATE,IN "dto" DATE )  
BEGIN  
  DECLARE "getdiary" dynamic scroll cursor FOR SELECT  
"diaryid","dateadd"("day",1,"date"("diaryfrom")) AS "Day2","diaryto" FROM  
"diary"  
    WHERE "staffid" = "sstaffid" AND "day2" <= "dto" AND "diaryto" >=  
"dfrom" AND "date"("diaryto") > "date"("diaryfrom")  
    ORDER BY "diaryfrom" ASC FOR READ ONLY;  
  DECLARE "gid" CHAR(20);  
  DECLARE "gfrom" DATE;  
  DECLARE "gto" TIMESTAMP;  
  DECLARE "testdate" DATE;  
  DECLARE "xminutes" SMALLINT;  
  DELETE FROM "diaryextraday";  
  OPEN "getdiary";  
  fetch FIRST "getdiary" INTO "gid","gfrom","gto";  
  "outerloop": loop  
    IF sqlcode <> 0 THEN leave "outerloop"  
    END IF;  
    SET "testdate" = "gfrom";  
    IF "testdate" < "dfrom" THEN  
      SET "testdate" = "dfrom"  
    END IF;  
    "innerloop":  
    while "testdate" <= "date"("gto") AND "testdate" <= "dto" loop  
      IF "testdate" < "date"("gto") THEN  
        SET "xminutes" = 24*60  
      ELSE  
        SET "xminutes" =  
"datepart"("hour","gto")*60+"datepart"("minute","gto")  
      END IF;  
      INSERT INTO "diaryextraday"( "diaryid","diarydate","diaryminutes" )  
VALUES( "gid","testdate","xminutes" ) ;  
    END IF;  
  END IF;  
END
```



```
        SET "testdate" = "dateadd"("day",1,"testdate")
    END loop "innerloop";
    fetch NEXT "getdiary" INTO "gid","gfrom",
        "gto"
    END loop "outerloop"
END
GO

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

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

(IN sstaffid CHAR(20),IN dfrom DATE,IN dto DATE)
BEGIN
    DECLARE getdiary dynamic scroll cursor FOR SELECT
diaryid,dateadd(DAY,1,"date"(diaryfrom)) AS Day2,diaryto FROM diary WHERE
        staffid = sstaffid AND day2 <= dto AND diaryto >= dfrom AND
"date"(diaryto) > "date"(diaryfrom) ORDER BY
        diaryfrom ASC FOR READ ONLY;
    DECLARE gid CHAR(20);
    DECLARE gfrom DATE;
    DECLARE gto TIMESTAMP;
    DECLARE testdate DATE;
    DECLARE xminutes SMALLINT;
    DELETE FROM diaryextraday;
    OPEN getdiary;
    fetch FIRST getdiary INTO gid,gfrom,gto;
    outerloop: loop
        IF sqlcode <> 0 THEN leave outerloop
        END IF;
        SET testdate=gfrom;
        IF testdate < dfrom THEN
            SET testdate=dfrom
        END IF;
        innerloop:
        while testdate <= "date"(gto) AND testdate <= dto loop
            IF testdate < "date"(gto) THEN
                SET xminutes=24*60
            ELSE
                SET xminutes=datepart(HOUR,gto)*60+datepart(MINUTE,gto)
            END IF;
            INSERT INTO diaryextraday(diaryid,diarydate,diaryminutes)
VALUES(gid,testdate,xminutes);
            SET testdate=dateadd(DAY,1,testdate)
        END loop innerloop;
        fetch NEXT getdiary INTO gid,gfrom,
            gto
```



```
END loop outerloop END  
}
```

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