



pears.GetShiftStateDescription



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

Original SQL

```
CREATE FUNCTION "pears"."GetShiftStateDescription"(  
  /* Application Maintained Function / Procedure - DO NOT EDIT*/  
  IN "sid" CHAR(20),IN "ddate" DATE,IN "bperson" SMALLINT )  
RETURNS CHAR(70)  
BEGIN  
  DECLARE "rv" CHAR(70);  
  DECLARE "t" CHAR(70);  
  DECLARE "tt" CHAR(70);  
  DECLARE "s" CHAR(20);  
  DECLARE "s1" CHAR(1);  
  -- bperson=2 means same as 1 but full description for Available and  
  Unavailable  
  IF "bperson" = -1 THEN  
    RETURN "getshiftstatedescriptionPlus"("sid","ddate")  
  ELSE IF "bperson" >= 1 THEN  
    SET "rv" = "getkeyshiftstate"("sid","ddate",1)  
  ELSE  
    SET "rv" = "getkeyshiftplanstate"("sid","ddate","bperson")  
  END IF END IF;  
  SET "s1" = "left"("rv",1);  
  IF "length"("rv") > 1 AND "s1" IN( 'P','B','W','E','X','Y' ) THEN  
    SET "s" = "stuff"("rv",1,1,NULL);  
    SET "t" = NULL;  
    IF "bperson" >= 1 THEN  
      IF "s1" = 'E' THEN -- Employment NOT Shift record  
        SELECT "company"."name" INTO "t" FROM "employment" KEY JOIN  
"company" WHERE "employment"."employmentid" = "s"  
      ELSE  
        IF "s1" IN( 'X','Y' ) THEN -- Plan - Y indicates cascaded  
          SELECT "isnull"("person"."name","company"."name") INTO "t" FROM  
"tempshiftplan" KEY JOIN "vacancy" KEY JOIN "employment" KEY JOIN  
"company","vacancy" KEY LEFT OUTER JOIN "person" WHERE  
"tempshiftplan"."tempshiftplanid" = "s"  
        ELSE  
          SELECT "isnull"("person"."name","company"."name") INTO "t" FROM
```



```
"tempshift" KEY JOIN "vacancy" KEY JOIN "employment" KEY JOIN  
"company", "vacancy" KEY LEFT OUTER JOIN "person" WHERE  
"tempshift"."tempshiftid" = "s"  
    END IF  
    END IF  
    ELSE IF "s1" NOT IN( 'X','Y' ) THEN  
        SELECT "gettempname"("tempshift"."personid") INTO "t" FROM  
"tempshift" WHERE "tempshift"."tempshiftid" = "s"  
    END IF END IF;  
    SET "rv" = "string"("s1","t")  
END IF;  
IF "s1" IN( 'A','U' ) AND "bperson" >= 1 THEN  
    SET "s" = "nullif"("stuff"("rv",1,1,NULL),'');  
    IF "s1" = 'A' THEN  
        SELECT "string"('Available ', "a"."availtemplateid"), "string"('A:  
, "a"."name", ' ', "dateformat"("a"."timefrom", 'hh:nn'), '-  
, "dateformat"("a"."timeto", 'hh:nn'))  
        INTO "t", "tt" FROM "tempshift" AS "sh" KEY JOIN  
"availabilitytemplate" AS "a" WHERE "sh"."tempshiftid" = "s";  
        SET "t" = "isnull"("t", 'Available')  
    ELSE  
        SET "t" = 'Unavailable';  
        SELECT "string"('U: ', "u"."name") INTO "tt" FROM "tempshift" AS "sh"  
KEY JOIN "tempshiftunavailablereason" AS "u" WHERE "bperson" = 2 AND  
"sh"."tempshiftid" = "s"  
    END IF;  
    IF "bperson" = 2 AND "tt" IS NOT NULL THEN  
        SET "rv" = "tt"  
    ELSE  
        SET "rv" = "t"  
    END IF END IF;  
    RETURN "rv"  
END
```

From:

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