



pears.NetCalendarShifts



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

Original SQL

```
CREATE PROCEDURE "pears"."NetCalendarShifts"( IN "pWebUserID" CHAR(20),IN
"pstart" DOUBLE,IN "pend" DOUBLE )
RESULT( "shiftdate" CHAR(20),"role" CHAR(1),"shiftcount" INTEGER,"title"
CHAR(50),"tipArray" long VARCHAR )
BEGIN
  DECLARE "dStart" DATE;
  DECLARE "dEnd" DATE;
  SET "dstart" = "dateadd"("second","pstart",'1970-01-01');
  SET "dend" = "dateadd"("second","pend",'1970-01-01');
  SELECT "dateformat"("subby"."shiftdate",'yyyy-mm-dd') AS "caldate",'F' AS
"role",
  "subby"."cnt" AS "shiftcount",
  "string"('Filled: ', "subby"."cnt") AS "title",
  "string"('[',
  (SELECT
"list"("string"('{ "name":', "netjsstring"("person"."name"),', "id":', "netjsstr
ing"("person"."personid"),', "descrip":',
  "netjsstring"("string"("v"."position",' ',
"isNull"("st"."description", "string"("dateformat"("s"."timefrom",'hh:nn'),' -
', "dateformat"("s"."timeto",'hh:nn')))),', }'),', ' )
  FROM "tempshift" AS "s" KEY JOIN("tempshiftplan" AS "p", "person")
  , "tempshiftplan" AS "p" KEY JOIN "vacancy" AS "v" KEY JOIN
"employment"
  , "tempshiftplan" AS "p" KEY LEFT OUTER JOIN "tempshifttype" AS "st"
WHERE "s"."state" IN( 'P','B','W' )
AND "s"."shiftdate" = "subby"."shiftdate"
AND "p"."description" <> 'Added Time'
AND "employment"."companyid" = any(SELECT "companyid" FROM
"employment" KEY JOIN "iqxnetuserlink" WHERE "iqxnetuserid" =
"pWebUserID")),']') AS "tipArray"
FROM(SELECT "s"."shiftdate", "count"() AS "cnt"
FROM "tempshift" AS "s" KEY JOIN "tempshiftplan" AS "p" KEY JOIN
"vacancy" AS "v" KEY JOIN "employment"
WHERE "s"."state" IN( 'P','B','W' )
AND "s"."shiftdate" BETWEEN "dstart" AND "dend"
```



```
        AND "p"."description" <> 'Added Time'
        AND "employment"."companyid" = any(SELECT "companyid" FROM
"employment" KEY JOIN "iqxnetuserlink" WHERE "iqxnetuserid" = "pWebUserID")
        GROUP BY "s"."shiftdate") AS "subby" UNION ALL
SELECT "dateformat"("subby"."shiftdate",'yyyy-mm-dd'),'U',
    "subby"."cnt",
    "string"('Unfilled: ', "subby"."cnt"),
    "string"('[',
    (SELECT "list"("string"('{ "descrip":',
        "netjsstring"("string"("v"."position",'
        ', "isnull"("st"."description", "string"("dateformat"("p"."timefrom",'hh:nn'),
        '- ', "dateformat"("p"."timeto",'hh:nn'))))), '}', ', ', '
        FROM "tempshiftplan" AS "p" KEY JOIN "vacancy" AS "v" KEY JOIN
"employment"
        , "tempshiftplan" AS "p" KEY LEFT OUTER JOIN "tempshifttype" AS "st"
        WHERE NOT EXISTS(SELECT * FROM "tempshift" WHERE "tempshiftplanid" =
"p"."tempshiftplanid" AND NOT("state" = 'C' AND "crefill" = 1))
        AND "p"."shiftdate" = "subby"."shiftdate"
        AND "employment"."companyid" = any(SELECT "companyid" FROM
"employment" KEY JOIN "iqxnetuserlink" WHERE "iqxnetuserid" =
"pWebUserID")), ']' )
    FROM(SELECT "p"."shiftdate", "count"() AS "cnt"
        FROM "tempshiftplan" AS "p" KEY JOIN "vacancy" KEY JOIN "employment"
        WHERE NOT EXISTS(SELECT * FROM "tempshift" WHERE "tempshiftplanid" =
"p"."tempshiftplanid" AND NOT("state" = 'C' AND "crefill" = 1))
        AND "p"."shiftdate" BETWEEN "dstart" AND "dend"
        AND "employment"."companyid" = any(SELECT "companyid" FROM
"employment" KEY JOIN "iqxnetuserlink" WHERE "iqxnetuserid" = "pWebUserID")
        GROUP BY "p"."shiftdate") AS "subby"
    ORDER BY 1 ASC, 2 DESC
END
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetCalendarShifts" IS
'create procedure pears."NetCalendarShifts"( in "pWebUserID" char(20), in
"pstart" double, in "pend" double )
result( "shiftdate" char(20), "role" char(1), "shiftcount" integer, "title"
char(50), "tipArray" long varchar )
begin
    declare "dStart" date;
    declare "dEnd" date;
    set "dstart" = "dateadd"("second", "pstart", ''1970-01-01'');
    set "dend" = "dateadd"("second", "pend", ''1970-01-01'');
    select "dateformat"("subby"."shiftdate", ''yyyy-mm-dd'') as "caldate", 'F'
as "role",
    "subby"."cnt" as "shiftcount",
    "string"('Filled: ', "subby"."cnt") as "title",
    "string"('[' ,
```



```
(select
"list"("string"('{{{"name":"","netjsstring"("person"."name"),',"id":"","netjsstring"("person"."personid"),',"descrip":',
      "netjsstring"("string"("v"."position",' '),
"isnull"("st"."description","string"("dateformat"("s"."timefrom",'hh:nn')),
'-','dateformat"("s"."timeto",'hh:nn'))))),','}')),','')
  from "tempshift" as "s" key join("tempshiftplan" as "p","person")
    ,"tempshiftplan" as "p" key join "vacancy" as "v" key join
"employment"
    ,"tempshiftplan" as "p" key left outer join "tempshifttype" as "st"
  where "s"."state" in( 'P','B','W' )
  and "s"."shiftdate" = "subby"."shiftdate"
  and "p"."description" <> 'Added Time'
  and "employment"."companyid" = any(select "companyid" from
"employment" key join "iqxnetuserlink" where "iqxnetuserid" =
"pWebUserID")),']') as "tipArray"
  from(select "s"."shiftdate","count"() as "cnt"
    from "tempshift" as "s" key join "tempshiftplan" as "p" key join
"vacancy" as "v" key join "employment"
    where "s"."state" in( 'P','B','W' )
    and "s"."shiftdate" between "dstart" and "dend"
    and "p"."description" <> 'Added Time'
    and "employment"."companyid" = any(select "companyid" from
"employment" key join "iqxnetuserlink" where "iqxnetuserid" = "pWebUserID")
    group by "s"."shiftdate") as "subby" union all
  select "dateformat"("subby"."shiftdate",'yyyy-mm-dd'),'U',
    "subby"."cnt",
    "string"('Unfilled: ', "subby"."cnt"),
    "string"('[',
    (select "list"("string"('{{{"descrip":',
      "netjsstring"("string"("v"."position",'
','isnull"("st"."description","string"("dateformat"("p"."timefrom",'hh:nn'
'),'dateformat"("p"."timeto",'hh:nn'))))),','}')),','')
    from "tempshiftplan" as "p" key join "vacancy" as "v" key join
"employment"
    ,"tempshiftplan" as "p" key left outer join "tempshifttype" as "st"
  where not exists(select * from "tempshift" where "tempshiftplanid" =
"p"."tempshiftplanid" and not("state" = 'C' and "crefill" = 1))
  and "p"."shiftdate" = "subby"."shiftdate"
  and "employment"."companyid" = any(select "companyid" from
"employment" key join "iqxnetuserlink" where "iqxnetuserid" =
"pWebUserID")),']')
  from(select "p"."shiftdate","count"() as "cnt"
    from "tempshiftplan" as "p" key join "vacancy" key join "employment"
    where not exists(select * from "tempshift" where "tempshiftplanid" =
"p"."tempshiftplanid" and not("state" = 'C' and "crefill" = 1))
    and "p"."shiftdate" between "dstart" and "dend"
    and "employment"."companyid" = any(select "companyid" from
```



```
"employment" key join "iqxnetuserlink" where "iqxnetuserid" = "pWebUserID")  
  group by "p"."shiftdate") as "subby"  
  order by 1 asc,2 desc  
end'
```

From:

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

Permanent link:

https://iqxusers.co.uk/iqxhelp/doku.php?id=database:procedures:pears_netcalendarshifts

Last update: **2026/08/07 19:24**

