



pears.NetProvTimesheetShiftAdd



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

Original SQL

```
CREATE PROCEDURE "pears"."NetProvTimesheetShiftAdd"( IN "pWebUserID"
CHAR(20),IN "pTempProvTimesheetID" CHAR(20),IN "pshiftdate" CHAR(250),IN
"ptimefrom" CHAR(250),IN "ptimeto" CHAR(250),IN "pbreakminutes" CHAR(250)
DEFAULT '0',IN "preferencecode" CHAR(20) DEFAULT NULL,IN "ptempshifttypeid"
CHAR(2) DEFAULT NULL )
RESULT( "pResult" CHAR(250) )
// IQXWeb
BEGIN
  DECLARE "newshiftid" CHAR(20);
  DECLARE "userClass" CHAR(20);
  DECLARE "svacancyid" CHAR(20);
  DECLARE "spersonid" CHAR(20);
  DECLARE "splacementid" CHAR(20);
  DECLARE "xdate" DATE;
  DECLARE "xtimefrom" TIME;
  DECLARE "xtimeto" TIME;
  DECLARE "checkstart" DATE;
  DECLARE "checkend" DATE;
  DECLARE LOCAL TEMPORARY TABLE "IDs"(
    "ID" CHAR(20) NULL,
  ) NOT transactional;
  SET "xdate" = "iqxnetstringtodate"("pshiftdate");
  SET "xtimefrom" = "iqxnetstringtotime"("ptimefrom");
  SET "xtimeto" = "iqxnetstringtotime"("ptimeto");
  IF "xdate" IS NULL OR "xtimefrom" IS NULL OR "xtimeto" IS NULL THEN
    SELECT '101:~Missing or invalid date or times';
    RETURN
  END IF;
  IF "trim"("pbreakminutes") = '' THEN
    SET "pbreakminutes" = '0'
  END IF;
  SET "preferencecode" = "nullif"("trim"("ucase"("preferencecode")), '');
  SET "ptempshifttypeid" = "nullif"("trim"("ptempshifttypeid"), '');
  SET "userClass" = (SELECT FIRST "iqxnetuserclassid" FROM "iqxnetuser"
WHERE "iqxnetuserid" = "pWebUserID");
```



```
IF "userClass" = 'OWNER' THEN
    INSERT INTO "IDs"( "ID" )
        SELECT DISTINCT "s"."divisionid" FROM "iqxnetuser" AS "i" KEY JOIN
"staff" AS "s" WHERE "i"."iqxnetuserid" = "pwebuserid";
    IF NOT "ptempprovtimesheetid" = any(SELECT "t"."tempprovtimesheetid"
FROM "tempprovtimesheet" AS "t" KEY JOIN "person" AS "p" JOIN "IDs" ON
"p"."divisionid" = "IDs"."ID") THEN
        SELECT '99:~Permission denied';
    RETURN
END IF
ELSE IF NOT "ptempprovtimesheetid" = any(SELECT "t"."tempprovtimesheetid"
    FROM "tempprovtimesheet" AS "t" KEY JOIN "person" KEY JOIN
"pay_employee" KEY JOIN "company" AS "agcomp" KEY JOIN "employment" AS
"agemp" KEY JOIN "iqxnetuserlink"
    WHERE "iqxnetuserlink"."iqxnetuserid" = "pwebuserid" UNION
    SELECT "t"."tempprovtimesheetid"
    FROM "tempprovtimesheet" AS "t" KEY JOIN "person" KEY JOIN
"iqxnetuserlink"
    WHERE "iqxnetuserlink"."iqxnetuserid" = "pwebuserid" UNION
    SELECT "t"."tempprovtimesheetid" FROM "tempprovtimesheet" AS "t" KEY
JOIN "vacancy" KEY JOIN "employment" AS "vacemp" KEY JOIN "company" KEY JOIN
"employment" KEY JOIN "iqxnetuserlink"
    WHERE "iqxnetuserlink"."iqxnetuserid" = "pwebuserid") THEN
        SELECT '99:~Permission denied';
    RETURN
END IF END IF;
SELECT
"vacancyid","personid","placementid","weekmonthstartdate"("period","periodle
ngth"),"weekmonthenddate"("period","periodlength") INTO
"svacancyid","spersonid","splacementid","checkstart","checkend" FROM
"tempprovtimesheet" WHERE "tempprovtimesheetid" = "ptempprovtimesheetid";
    IF "xdate" < "checkstart" OR "xdate" > "checkend" THEN
        SELECT '102:~Date must be between
'+"dateformat"("checkstart",'dd/mm/yyyy')+ ' and
'+"dateformat"("checkend",'dd/mm/yyyy');
    RETURN
END IF;
    IF "isnull"("IQXNetSwitchValue"("pwebuserid",'SHIFTDATELIMIT'),0) = 1 THEN
        SELECT
"p"."vacancyid","e"."personid","p"."placementid","e"."startdate","dateformat
"("isnull"("e"."leavedate","dateadd"("year",1,"today"())), 'yyyy-mm-dd') INTO
"svacancyid","spersonid","splacementid","checkstart","checkend" FROM
"tempprovtimesheet" KEY JOIN "placement" AS "p" KEY JOIN "employment" AS "e"
WHERE "tempprovtimesheetid" = "ptempprovtimesheetid";
        IF "xdate" NOT BETWEEN "checkstart" AND "checkend" THEN
            SELECT '103:~Date must be between
'+"dateformat"("checkstart",'dd/mm/yyyy')+ ' and
'+"dateformat"("checkend",'dd/mm/yyyy');
```



```
RETURN
END IF END IF;
SET "newshiftid" = "uniquekey"('');
INSERT INTO "tempshiftplan"(
"TempShiftPlanID", "VacancyID", "ShiftDate", "TimeFrom", "TimeTo", "BreakMinutes"
, "Description", "ReferenceCode",
"TempShiftTypeID" ) VALUES
(
"newshiftid", "sVacancyID", "xdate", "xtimefrom", "xtimeto", "iqxnetstringtointeg
er"("pbreakminutes"), 'Self-booked', "preferencecode", "ptempshifttypeid" ) ;
INSERT INTO "tempshift"(
"TempShiftID", "VacancyID", "PersonID", "PlacementID", "ShiftDate", "TimeFrom", "T
imeTo", "BreakMinutes", "State", "TempShiftPlanID", "ReferenceCode", "ClientConfi
rmed", "TempConfirmed", "TempShiftTypeID" ) VALUES
(
"newshiftid", "sVacancyID", "sPersonID", "sPlacementID", "xdate", "xtimefrom", "xt
imeto", "iqxnetstringtointeger"("pbreakminutes"), 'B', "newshiftid", "preference
code", 1, 1, "ptempshifttypeid" ) ;
SELECT '0: '+'newshiftid'+ '~Success'
END /* DOC
2017-04-03 MHS new proc with tests
2018-02-26 PC IW-381 check shift date between employment start and end dates
2018-07-26 PC include improved error handler
2018-09-05 ET changed back to old way of returning errors, updated error
number so that system errors are < 100 and user errors >= 100
2018-10-11 PC IW-705 reverse IW-381

Tests:
invalid pWebUserID
valid pWebUserID, pTempProvTimesheetID, invalid dates and times
valid pWebUserID, invalid pTempProvTimesheetID as owner
valid pWebUserID, invalid pTempProvTimesheetID as client
valid pWebUserID, pTempProvTimesheetID, new shift as candidate

*/
/* TEST
call NetTestSetup('');
select * from NetProvTimesheetShiftAdd('TEST.CANDIDATE', 'TEST', '', '', '',
'', 'ref');
expect 101*;
select * from NetProvTimesheetShiftAdd('TEST.OWNER', 'zzzzzzz', '25/12/2012',
'09:00', '17:00', '', 'ref');
expect 99*;
select * from NetProvTimesheetShiftAdd('TEST.CLIENT', 'zzzzzzz',
'25/12/2012', '09:00', '17:00', '', 'ref');
expect 99*;
select * from NetProvTimesheetShiftAdd('TEST.CANDIDATE', 'TEST',
'25/12/2012', '09:00', '17:00', '53', 'testRefXYZ');
```



```
expect pResult=102:~Date*;
select shiftdate,timefrom,timeto,breakminutes from tempshiftplan where
vacancyid='TEST' and referencecode='testRefXYZ';
expect EOF;
select shiftdate,timefrom,timeto,breakminutes,personid,placementid from
tempshift where vacancyid='TEST' and referencecode='testRefXYZ';
expect EOF;
*/
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetProvTimesheetShiftAdd"
IS
{CREATE PROCEDURE pears."NetProvTimesheetShiftAdd"(IN pWebUserID CHAR(20),IN
pTempProvTimesheetID CHAR(20), IN pshiftdate CHAR(250), IN ptimefrom
CHAR(250) ,IN ptimeto CHAR(250) ,IN pbreakminutes CHAR(250) DEFAULT '0', IN
preferencecode CHAR(20) DEFAULT NULL, IN ptempshifttypeid CHAR(2) DEFAULT
NULL)
RESULT(pResult CHAR(250))
// IQXWeb
BEGIN
    DECLARE newshiftid CHAR(20);
    DECLARE userClass CHAR(20);
    DECLARE svacancyid CHAR(20);
    DECLARE spersonid CHAR(20);
    DECLARE splacementid CHAR(20);
    DECLARE xdate DATE;
    DECLARE xtimefrom TIME;
    DECLARE xtimeto TIME;
    DECLARE checkstart DATE;
    DECLARE checkend DATE;
    DECLARE LOCAL TEMPORARY TABLE IDs(
        ID CHAR(20) NULL,
    ) NOT transactional;
    SET xdate=ixxnetstringtodate(pshiftdate);
    SET xtimefrom=ixxnetstringtotime(ptimefrom);
    SET xtimeto=ixxnetstringtotime(ptimeto);
    IF xdate IS NULL OR xtimefrom IS NULL OR xtimeto IS NULL THEN
        SELECT '101:~Missing or invalid date or times';
        RETURN;
    END IF;
    IF TRIM(pbreakminutes) = '' THEN
        SET pbreakminutes='0'
    END IF;
    SET preferencecode=NULLIF(TRIM(ucase(preferencecode)), '');
    SET ptempshifttypeid=NULLIF(TRIM(ptempshifttypeid), '');
    SET userClass=(SELECT FIRST ixxnetuserclassid FROM ixxnetuser WHERE
ixxnetuserid = pWebUserID);
    IF userClass = 'OWNER' THEN
```



```
INSERT INTO IDs( ID)
  SELECT DISTINCT s.divisionid FROM iqxnetuser AS i KEY JOIN staff AS s
WHERE i.ixxnetuserid = pwebuserid;
  IF NOT ptempprovtimesheetid = any(SELECT t.tempprovtimesheetid FROM
tempprovtimesheet AS t KEY JOIN person AS p JOIN IDs ON p.divisionid =
IDs.ID) THEN
    SELECT '99:~Permission denied';
  RETURN
END IF
ELSE
  IF NOT ptempprovtimesheetid = any(SELECT t.tempprovtimesheetid
    FROM tempprovtimesheet AS t KEY JOIN person KEY JOIN pay_employee
KEY JOIN company AS agcomp KEY JOIN employment AS agemp KEY JOIN
ixxnetuserlink
    WHERE iqxnetuserlink.ixxnetuserid = pwebuserid UNION
  SELECT t.tempprovtimesheetid
    FROM tempprovtimesheet AS t KEY JOIN person KEY JOIN iqxnetuserlink
    WHERE iqxnetuserlink.ixxnetuserid = pwebuserid UNION
  SELECT t.tempprovtimesheetid FROM tempprovtimesheet AS t KEY JOIN
vacancy KEY JOIN employment AS vacemp KEY JOIN company KEY JOIN employment
KEY JOIN iqxnetuserlink
    WHERE iqxnetuserlink.ixxnetuserid = pwebuserid) THEN
    SELECT '99:~Permission denied';
  RETURN
END IF;
END IF;
SELECT
vacancyid, personid, placementid, weekmonthstartdate(period, periodlength), weekm
onthenddate(period, periodlength) INTO
svacancyid, spersonid, splacementid, checkstart, checkend FROM tempprovtimesheet
WHERE tempprovtimesheetid=ptempprovtimesheetid;
  IF xdate<checkstart OR xdate>checkend THEN
    SELECT '102:~Date must be between
'+dateformat(checkstart, 'dd/mm/yyyy')+' and
'+dateformat(checkend, 'dd/mm/yyyy');
  RETURN
END IF;
  IF isnull(IQXNetSwitchValue(pwebuserid, 'SHIFTDATELIMIT'), 0) = 1 THEN
    SELECT p.vacancyid, e.personid, p.placementid, e.startdate,
dateformat(isnull(e.leavedate, dateadd(YEAR, 1, today(*))), 'yyyy-mm-dd') INTO
svacancyid, spersonid, splacementid, checkstart, checkend FROM tempprovtimesheet
KEY JOIN placement p KEY JOIN employment e WHERE
tempprovtimesheetid=ptempprovtimesheetid;
  IF xdate NOT BETWEEN checkstart AND checkend THEN
    SELECT '103:~Date must be between
'+dateformat(checkstart, 'dd/mm/yyyy')+' and
'+dateformat(checkend, 'dd/mm/yyyy');
  RETURN
```



```
END IF;
END IF;
SET newshiftid=uniquekey('');
INSERT INTO tempshiftplan(
TempShiftPlanID,VacancyID,ShiftDate,TimeFrom,TimeTo,BreakMinutes,Description
,ReferenceCode,
TempShiftTypeID) VALUES
(newshiftid,sVacancyID,xdate,xtimefrom,xtimeto,ixxnetstringtointeger(pbreakm
inutes),'Self-booked',referencecode,ptempshifttypeid);
INSERT INTO tempshift(
TempShiftID,VacancyID,PersonID,PlacementID,ShiftDate,TimeFrom,TimeTo,BreakMi
nutes,State,TempShiftPlanID,ReferenceCode,ClientConfirmed,TempConfirmed,Temp
ShiftTypeID) VALUES
(newshiftid,sVacancyID,sPersonID,sPlacementID,xdate,xtimefrom,xtimeto,ixxnet
stringtointeger(pbreakminutes),'B',newshiftid,referencecode,1,1,ptempshiftt
ypeid);
SELECT '0:'+newshiftid+'~Success'
END
```

/ DOC*

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number so that system errors are < 100 and user errors >= 100*

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Tests:

invalid pWebUserID

valid pWebUserID, pTempProvTimesheetID, invalid dates and times

valid pWebUserID, invalid pTempProvTimesheetID as owner

valid pWebUserID, invalid pTempProvTimesheetID as client

valid pWebUserID, pTempProvTimesheetID, new shift as candidate

**/*

/ TEST*

call NetTestSetup('');

*select * from NetProvTimesheetShiftAdd('TEST.CANDIDATE','TEST', '', '','ref');*

expect 101;*

*select * from NetProvTimesheetShiftAdd('TEST.OWNER','zzzzzzz', '25/12/2012',
'09:00' , '17:00' , '', 'ref');*

expect 99;*

*select * from NetProvTimesheetShiftAdd('TEST.CLIENT','zzzzzzz',
'25/12/2012', '09:00' , '17:00' , '', 'ref');*

expect 99;*

*select * from NetProvTimesheetShiftAdd('TEST.CANDIDATE','TEST',*



```
'25/12/2012', '09:00' , '17:00' , '53', 'testRefXYZ');  
expect pResult=102:~Date*;  
select shiftdate,timefrom,timeto,breakminutes from tempshiftplan where  
vacancyid='TEST' and referencecode='testRefXYZ';  
expect EOF;  
select shiftdate,timefrom,timeto,breakminutes,personid,placementid from  
tempshift where vacancyid='TEST' and referencecode='testRefXYZ';  
expect EOF;  
*/  
}
```

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

