



pears.NetProvTimesheetRateSet



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

Original SQL

```
CREATE PROCEDURE "pears"."NetProvTimesheetRateSet"( IN "pWebUserID"
CHAR(20),IN "pTempProvTimesheetLineID" CHAR(250),IN "pUnitDescription"
CHAR(250) DEFAULT NULL,IN "pUnits" CHAR(250) DEFAULT NULL,IN "pRate"
CHAR(250) DEFAULT NULL )
RESULT( "pResult" CHAR(250) )
// IQXWeb
BEGIN
  DECLARE "i" SMALLINT;
  DECLARE "isExp" SMALLINT;
  DECLARE "isnewline" SMALLINT;
  DECLARE "newlineid" CHAR(20);
  DECLARE "ptempprovtimesheetid" CHAR(20);
  DECLARE "userClass" CHAR(20);
  DECLARE "divid" CHAR(20);
  DECLARE LOCAL TEMPORARY TABLE "IDs"(
    "ID" CHAR(20) NULL,
  ) NOT transactional;
  IF "pTempProvTimesheetLineID" LIKE 'Copy%' THEN
    SET "isnewline" = 1
  ELSE
    SET "isnewline" = 0
  END IF;
  SET "i" = "charindex"('_', "pTempProvTimesheetLineID");
  IF "i" > 0 THEN
    SET "pTempProvTimesheetLineID" =
"right"("pTempProvTimesheetLineID", "length"("pTempProvTimesheetLineID") - "i")
  END IF;
  SET "ptempprovtimesheetid" = (SELECT FIRST "tempprovtimesheetid" FROM
"tempprovtimesheetline" WHERE "tempprovtimesheetlineid" =
"pTempProvTimesheetLineID");
  SELECT(IF "isnull"("temppayband"."payrollflag", '') = 'EXPENSES' OR
"isnull"("temppayband"."isexpenses", 0) = 1 THEN 1 ELSE 0 endif)
  INTO "isExp" FROM "tempprovtimesheetline" KEY JOIN "temppayband"
  WHERE "tempprovtimesheetline"."tempprovtimesheetlineid" =
"ptempprovtimesheetlineid";
```



```
IF "isExp" = 0 THEN -- Can only edit rate if expenses
    SET "pRate" = NULL
END IF;
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;
IF "isnewline" = 1 THEN
    SET "newlineid" = "uniquekey"("pTempProvTimesheetLineID");
    INSERT INTO "tempprovtimesheetline" (
"tempprovtimesheetlineid", "tempprovtimesheetid", "temppaybandid", "linenumber",
"unitspaid", "unitscharged", "payrate", "chargerate",
"description" ) SELECT
"newlineid", "ptempprovtimesheetid", "temppaybandid",
"isnull"((SELECT 1+"max"("linenumber") FROM "tempprovtimesheetline"
WHERE "tempprovtimesheetid" = "ptempprovtimesheetid"),1),
"isnull"("punits", "unitspaid"), "isnull"("punits", "unitscharged"), "isnull"("p
rate", "payrate"), "isnull"("prate", "chargerate"),
"isnull"("punitdescription", "description") FROM
"tempprovtimesheetline" WHERE "tempprovtimesheetlineid" =
"ptempprovtimesheetlineid"
ELSE
    UPDATE "tempprovtimesheetline" SET "unitspaid" =
"isnull"("punits", "unitspaid"), "unitscharged" =
```



```
"isnull"("punits","unitscharged"),"payrate" =
"isnull"("prate","payrate"),"chargerate" = "isnull"("prate","chargerate"),
    "description" = "isnull"("punitdescription","description") WHERE
"tempprovtimesheetlineid" = "pTempProvTimesheetLineID"
END IF;
SELECT '0:~Success'
END /* DOC
2016-09-01 PC doc and test

inputs:
pWebUserID
pTempProvTimesheetLineID
pUnitDescription
pUnits
pRate

outputs:
pResult

test:
edit a timesheet that owner does not own
edit an existing non-expense line that an owner owns
edit an existing expense line
edit an existing line that an client owns
duplicate a line

*/
/* TEST
call NetTestSetup('');
update staff set divisionid='TEST' where staffid='TEST';
update person set divisionid='TEST' where personid='TEST';
select * from NetProvTimesheetRateSet('test.owner','test1','zz',8,23);
expect 0*;
select description,unitspaid,unitscharged,payrate,chargerate from
tempprovtimesheetline where TempProvTimeSheetLineID='test1';
expect description=zz,unitspaid=8,unitscharged=8,payrate=10,chargerate=11;
select * from NetProvTimesheetRateSet('test.owner','test2','zz2',9,23);
expect 0*;
select description,unitspaid,unitscharged,payrate,chargerate from
tempprovtimesheetline where TempProvTimeSheetLineID='test2';
expect description=zz2,unitspaid=9,unitscharged=9,payrate=23,chargerate=23;
select * from NetProvTimesheetRateSet('test.client','test1','zz3',7,17);
expect 0*;
select description,unitspaid,unitscharged,payrate,chargerate from
tempprovtimesheetline where TempProvTimeSheetLineID='test1';
expect description=zz3,unitspaid=7,unitscharged=7,payrate=10,chargerate=11;
select * from
NetProvTimesheetRateSet('test.client','copy_test1','zz4',null,null);
```



```
expect 0*;
select description,unitspaid,unitscharged,payrate,chargerate from
tempprovtimesheetline where description like 'zz%' order by linenumber;
expect description=zz3,unitspaid=7,unitscharged=7,payrate=10,chargerate=11;
expect description=zz2,unitspaid=9,unitscharged=9,payrate=23,chargerate=23;
expect description=zz4,unitspaid=7,unitscharged=7,payrate=10,chargerate=11;
expect EOF;
*/
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetProvTimesheetRateSet" IS
{CREATE PROCEDURE pears."NetProvTimesheetRateSet"(IN pWebUserID CHAR(20),IN
pTempProvTimesheetLineID CHAR(250),IN pUnitDescription CHAR(250) DEFAULT
NULL,IN pUnits CHAR(250) DEFAULT NULL,IN pRate CHAR(250) DEFAULT NULL)
RESULT(pResult CHAR(250))
// IQXWeb
BEGIN
    DECLARE i SMALLINT;
    DECLARE isExp SMALLINT;
    DECLARE isnewline SMALLINT;
    DECLARE newlineid CHAR(20);
    DECLARE ptempprovtimesheetid CHAR(20);
    DECLARE userClass CHAR(20);
    DECLARE divid CHAR(20);
    DECLARE LOCAL TEMPORARY TABLE IDs(
        ID CHAR(20) NULL,
        ) NOT transactional;
    IF pTempProvTimesheetLineID LIKE 'Copy%' THEN
        SET isnewline=1
    ELSE
        SET isnewline=0
    END IF;
    SET i=charindex('_',pTempProvTimesheetLineID);
    IF i > 0 THEN
        SET
pTempProvTimesheetLineID="right"(pTempProvTimesheetLineID,LENGTH(pTempProvTi
mesheetLineID)-i)
    END IF;
    SET ptempprovtimesheetid=(SELECT FIRST tempprovtimesheetid FROM
tempprovtimesheetline WHERE tempprovtimesheetlineid =
pTempProvTimesheetLineID);

    SELECT (IF isnull(tempmpayband.payrollflag,'') = 'EXPENSES' OR
isnull(tempmpayband.isexpenses,0) = 1 THEN 1 ELSE 0 endif)
    INTO isExp FROM tempprovtimesheetline KEY JOIN tempmpayband
    WHERE tempprovtimesheetline.tempprovtimesheetlineid =
ptempprovtimesheetlineid;
    IF isExp=0 THEN -- Can only edit rate if expenses
```



```
SET pRate=NULL;
END IF;

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;
IF isnewline = 1 THEN
  SET newlineid=uniquekey(pTempProvTimesheetLineID);
  INSERT INTO tempprovtimesheetline(
tempprovtimesheetlineid,tempprovtimesheetid,temp paybandid,linenumber,unitspa
id,unitscharged,payrate,chargerate,
description) SELECT newlineid,ptempprovtimesheetid,temp paybandid,
  isnull((SELECT 1+MAX(linenumber) FROM tempprovtimesheetline WHERE
tempprovtimesheetid = ptempprovtimesheetid),1),
  isnull(punits,unitspaid),isnull(punits,unitscharged),isnull(prate,payrate),i
snull(prate,chargerate),
  isnull(punitdescription,description) FROM tempprovtimesheetline
WHERE tempprovtimesheetlineid = ptempprovtimesheetlineid
ELSE
  UPDATE tempprovtimesheetline SET unitspaid =
  isnull(punits,unitspaid),unitscharged = isnull(punits,unitscharged),payrate
= isnull(prate,payrate),chargerate = isnull(prate,chargerate),
```



```
        description = isnull(punitdescription,description) WHERE
tempprovtimesheetlineid = pTempProvTimesheetLineID
    END IF;
    SELECT '0:~Success'
END

/* DOC
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inputs:
    pWebUserID
    pTempProvTimesheetLineID
    pUnitDescription
    pUnits
    pRate

outputs:
    pResult

test:
    edit a timesheet that owner does not own
    edit an existing non-expense line that an owner owns
    edit an existing expense line
    edit an existing line that an client owns
    duplicate a line

*/

/* TEST
call NetTestSetup('');
update staff set divisionid='TEST' where staffid='TEST';
update person set divisionid='TEST' where personid='TEST';
select * from NetProvTimesheetRateSet('test.owner','test1','zz',8,23);
expect 0*;
select description,unitspaid,unitscharged,payrate,chargerate from
tempprovtimesheetline where TempProvTimeSheetLineID='test1';
expect description=zz,unitspaid=8,unitscharged=8,payrate=10,chargerate=11;
select * from NetProvTimesheetRateSet('test.owner','test2','zz2',9,23);
expect 0*;
select description,unitspaid,unitscharged,payrate,chargerate from
tempprovtimesheetline where TempProvTimeSheetLineID='test2';
expect description=zz2,unitspaid=9,unitscharged=9,payrate=23,chargerate=23;
select * from NetProvTimesheetRateSet('test.client','test1','zz3',7,17);
expect 0*;
select description,unitspaid,unitscharged,payrate,chargerate from
tempprovtimesheetline where TempProvTimeSheetLineID='test1';
expect description=zz3,unitspaid=7,unitscharged=7,payrate=10,chargerate=11;
select * from
```



```
NetProvTimesheetRateSet('test.client','copy_test1','zz4',null,null);
expect 0*;
select description,unitspaid,unitscharged,payrate,chargerate from
tempprovtimesheetline where description like 'zz%' order by linenumber;
expect description=zz3,unitspaid=7,unitscharged=7,payrate=10,chargerate=11;
expect description=zz2,unitspaid=9,unitscharged=9,payrate=23,chargerate=23;
expect description=zz4,unitspaid=7,unitscharged=7,payrate=10,chargerate=11;
expect EOF;
*/
}
```

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