



pears.NetTimesheets



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

Original SQL

```
CREATE PROCEDURE "pears"."NetTimesheets"( IN "pWebUserID" CHAR(20),IN
"pSlice" INTEGER DEFAULT 0,IN "pSliceSize" INTEGER DEFAULT 20,IN
"pStartDate" CHAR(20) DEFAULT NULL,IN "pEndDate" CHAR(20) DEFAULT NULL )
RESULT( "temptimesheetid" CHAR(20),"serialnumber" CHAR(20),"tempname"
CHAR(60),"position" CHAR(60),"companyname" CHAR(60),"weekenddate"
DATE,"timesheettype" CHAR(1),"timesheettotal" DOUBLE,"companyaddress"
CHAR(250),"theirref" CHAR(50),"payrollnumber" CHAR(20),"hasScannedImage"
SMALLINT,"awaitsApproval" SMALLINT )
// IQXWeb
BEGIN
  DECLARE "userClass" CHAR(20);
  DECLARE "x" INTEGER;
  DECLARE "y" INTEGER;
  DECLARE @companycount INTEGER;
  DECLARE "DateRangeStart" DATE;
  DECLARE "DateRangeEnd" DATE;
  DECLARE "divid" CHAR(20);
  SET "x" = "pSliceSize";
  SET "y" = "x"*"pSlice"+1;
  SET "userClass" = (SELECT FIRST "iqxnetuserclassid" FROM "iqxnetuser"
WHERE "iqxnetuserid" = "pWebUserID");
  SET "DateRangeStart" = "isnull"("pStartDate","dateadd"("yy",-10,"now"()));
  SET "DateRangeEnd" = "isnull"("pEndDate","dateadd"("yy",1,"now"()));
  IF "userClass" = 'CANDIDATE' THEN
    SELECT top "x" START at "y"
    "t"."temptimesheetid","t"."serialnumber","string"("person"."surname",'
',"person"."forenames") AS
    "tempname","isnull"("employment"."position","vacancy"."position"),"company".
    "name" AS "companyname","weekmonthenddate"("t"."period","t"."periodlength")
    AS "weekenddate",
      IF "tempdesk"."desktype" = 'S' THEN 'S' ELSE IF "tempdesk"."desktype"
= 'W'
      AND EXISTS(SELECT * FROM "placement" WHERE "placementid" =
      "t"."placementid" AND "worknormalhours" IS NOT NULL AND "workstarttime" IS
      NOT NULL
```



```
        AND("isnull"("workmonday",0) = 1 OR "isnull"("worktuesday",0) = 1
OR "isnull"("workwednesday",0) = 1 OR "isnull"("workthursday",0) = 1 OR
"isnull"("workfriday",0) = 1
        OR "isnull"("worksaturday",0) = 1 OR "isnull"("worksunday",0) =
1)) THEN 'T'
    ELSE 'C'
    endif endif AS "timesheettype",
    (SELECT "sum"("unitspaid"*"payrate") FROM "temptimesheetline" WHERE
"temptimesheetid" = "t"."temptimesheetid") AS "timesheettotal",
    "NetGetVacancySiteDetails"("vacancy"."vacancyID") AS "CompanyAddress",
    "t"."theirref","person"."payrollnumber","ifnull"("nullif"("string"("t"."imag
eblobid","t"."ScanPathFileName"),''),0,1) AS "hasScannedImage",
    (IF "t"."estatus" = 3 THEN 1 ELSE 0 endif) AS "awaitsApproval"
    FROM "temptimesheet" AS "t" KEY JOIN "placement" KEY JOIN
"vacancy","placement" KEY JOIN "employment" KEY JOIN "company"
    ,"temptimesheet" AS "t" KEY JOIN "tempdesk"
    ,"temptimesheet" AS "t" KEY JOIN "person" KEY JOIN "iqxnetuserlink"
    WHERE "weekenddate" BETWEEN "DateRangeStart" AND "DateRangeEnd" AND
"iqxnetuserlink"."iqxnetuserid" = "pwebuserid"
    ORDER BY "weekenddate" DESC,"companyname" ASC,"t"."serialnumber" ASC
    ELSE IF "userClass" = 'AGENCY' THEN
    SELECT DISTINCT top "x" START at "y"
    "t"."temptimesheetid","t"."serialnumber","string"("person"."surname",'',
    ', "person"."forenames") AS
    "tempname","isnull"("employment"."position","vacancy"."position"),"company".
    "name" AS "companyname","weekmonthenddate"("t"."period","t"."periodlength")
    AS "weekenddate",
    IF "tempdesk"."desktype" = 'S' THEN 'S' ELSE IF
    "tempdesk"."desktype" = 'W'
    AND EXISTS(SELECT * FROM "placement" WHERE "placementid" =
    "t"."placementid" AND "worknormalhours" IS NOT NULL AND "workstarttime" IS
    NOT NULL
    AND("isnull"("workmonday",0) = 1 OR "isnull"("worktuesday",0) =
1 OR "isnull"("workwednesday",0) = 1 OR "isnull"("workthursday",0) = 1 OR
"isnull"("workfriday",0) = 1
    OR "isnull"("worksaturday",0) = 1 OR "isnull"("worksunday",0) =
1)) THEN 'T'
    ELSE 'C'
    endif endif AS "timesheettype",
    (SELECT "sum"("unitspaid"*"payrate") FROM "temptimesheetline" WHERE
"temptimesheetid" = "t"."temptimesheetid") AS "timesheettotal",
    "NetGetVacancySiteDetails"("vacancy"."vacancyID") AS
"CompanyAddress",
    "t"."theirref","person"."payrollnumber","ifnull"("nullif"("string"("t"."imag
eblobid","t"."ScanPathFileName"),''),0,1) AS "hasScannedImage",
    (IF "t"."estatus" = 3 THEN 1 ELSE 0 endif) AS "awaitsApproval"
    FROM "temptimesheet" AS "t" KEY JOIN "placement" KEY JOIN
"vacancy","placement" KEY JOIN "employment" KEY JOIN "company"
```



```
        , "temptimesheet" AS "t" KEY JOIN "tempdesk"
        , "temptimesheet" AS "t" KEY JOIN "person" KEY JOIN "pay_employee"
KEY JOIN "company" AS "agcomp" KEY JOIN "employment" AS "agemp" KEY JOIN
"iqxnetuserlink"
        WHERE "weekenddate" BETWEEN "DateRangeStart" AND "DateRangeEnd" AND
"iqxnetuserlink"."iqxnetuserid" = "pwebuserid" AND "weekenddate" >=
"IQXNetCompanyStartDate"("agcomp"."companyid")
        ORDER BY "weekenddate" DESC, "tempname" ASC, "t"."serialnumber" ASC
ELSE IF "userClass" = 'OWNER' THEN
        SET "divid" = (SELECT FIRST "staff"."divisionid" FROM "iqxnetuser"
KEY JOIN "staff" WHERE "iqxnetuser"."iqxnetuserid" = "pwebuserid");
        SELECT DISTINCT top "x" START at "y"
        "t"."temptimesheetid", "t"."serialnumber", "string"("person"."surname", ',
', "person"."forenames") AS
        "tempname", "isnull"("employment"."position", "vacancy"."position"), "company".
"name" AS "companyname", "weekmonthenddate"("t"."period", "t"."periodlength")
AS "weekenddate",
        IF "tempdesk"."desktype" = 'S' THEN 'S' ELSE IF
"tempdesk"."desktype" = 'W'
        AND EXISTS(SELECT * FROM "placement" WHERE "placementid" =
"t"."placementid" AND "worknormalhours" IS NOT NULL AND "workstarttime" IS
NOT NULL
        AND("isnull"("workmonday", 0) = 1 OR "isnull"("worktuesday", 0)
= 1 OR "isnull"("workwednesday", 0) = 1 OR "isnull"("workthursday", 0) = 1 OR
"isnull"("workfriday", 0) = 1
        OR "isnull"("worksaturday", 0) = 1 OR "isnull"("worksunday", 0)
= 1)) THEN 'T'
        ELSE 'C'
        endif endif AS "timesheettype",
        (SELECT "sum"("unitspaid"*"payrate") FROM "temptimesheetline"
WHERE "temptimesheetid" = "t"."temptimesheetid") AS "timesheettotal",
        "NetGetVacancySiteDetails"("vacancy"."vacancyID") AS
"CompanyAddress",
        "t"."theirref", "person"."payrollnumber", "ifnull"("nullif"("string"("t"."imag
eblobid", "t"."ScanPathFileName"), ''), 0, 1) AS "hasScannedImage",
        (IF "t"."estatus" = 3 THEN 1 ELSE 0 endif) AS "awaitsApproval"
        FROM "temptimesheet" AS "t" KEY JOIN "placement" KEY JOIN
"vacancy", "placement" KEY JOIN "employment" KEY JOIN "company"
        , "temptimesheet" AS "t" KEY JOIN "tempdesk"
        , "temptimesheet" AS "t" KEY JOIN "person"
        WHERE "weekenddate" BETWEEN "DateRangeStart" AND "DateRangeEnd"
AND "company"."divisionid" = "divid" AND "person"."divisionid" = "divid"
        ORDER BY "weekenddate" DESC, "t"."serialnumber" DESC
ELSE -- CLIENT
        SELECT DISTINCT top "x" START at "y"
        "t"."temptimesheetid", "t"."serialnumber", "string"("person"."surname", ',
', "person"."forenames") AS
        "tempname", "isnull"("employment"."position", "vacancy"."position"), "company".
```



```
"name" AS "companyname", "weekmonthenddate" ("t"."period", "t"."periodlength")
AS "weekenddate",
    IF "tempdesk"."desktype" = 'S' THEN 'S' ELSE IF
"tempdesk"."desktype" = 'W'
    AND EXISTS(SELECT * FROM "placement" WHERE "placementid" =
"t"."placementid" AND "worknormalhours" IS NOT NULL AND "workstarttime" IS
NOT NULL
        AND("isnull"("workmonday",0) = 1 OR "isnull"("worktuesday",0)
= 1 OR "isnull"("workwednesday",0) = 1 OR "isnull"("workthursday",0) = 1 OR
"isnull"("workfriday",0) = 1
        OR "isnull"("worksaturday",0) = 1 OR "isnull"("worksunday",0)
= 1)) THEN 'T'
    ELSE 'C'
endif endif AS "timesheettype",
(SELECT "sum"("unitscharged"*"chargerate") FROM
"temptimesheetline" WHERE "temptimesheetid" = "t"."temptimesheetid") AS
"timesheettotal",
    "NetGetVacancySiteDetails"("vacancy"."vacancyID") AS
"CompanyAddress", "t"."theirref", "person"."payrollnumber", "ifnull"("nullif"("
string"("t"."imageblobid", "t"."ScanPathFileName"), ''), 0, 1) AS
"hasScannedImage", (IF "t"."estatus" = 3 THEN 1 ELSE 0 endif) AS
"awaitsApproval"
FROM "temptimesheet" AS "t"
    KEY JOIN "placement"
    KEY JOIN "vacancy"
    , "placement"
    KEY JOIN "employment"
    KEY JOIN "company"
    KEY JOIN "employment" AS "allemps"
    KEY JOIN "iqxnetuserlink"
    , "temptimesheet" AS "t"
    KEY JOIN "tempdesk"
    , "temptimesheet" AS "t"
    KEY JOIN "person"
WHERE "weekenddate" BETWEEN "DateRangeStart" AND "DateRangeEnd"
AND "iqxnetuserlink"."iqxnetuserid" = "pwebuserid" AND "weekenddate" >=
"IQXNetCompanyStartDate"("company"."companyid")
ORDER BY "weekenddate" DESC, "tempname" ASC, "t"."serialnumber" ASC
END IF
END IF
END IF
END /* DOC
2017-11-15 PC IW-311 position is drawn from the employment then the vacancy
2018-02-06 PC add date parameters
2018-09-11 PC test routines and declare divid
2018-11-27 MHS: now respects imageblobid.
2019-06-12 ET IW-890 now using new function NetGetVacancySiteDetails to get
the site address for all user classes. Also updated order by.
```



```
*/
/* TEST
select * from NetTimesheets('test.candidate',0,10,null,null);
expect temptimesheetid=TEST,serialnumber=99;

*/
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetTimesheets" IS
{CREATE PROCEDURE pears."NetTimesheets"(IN pWebUserID CHAR(20),IN pSlice
INTEGER DEFAULT 0,IN pSliceSize INTEGER DEFAULT 20, IN pStartDate CHAR(20)
DEFAULT NULL,IN pEndDate CHAR(20) DEFAULT NULL)
RESULT(temptimesheetid CHAR(20),serialnumber CHAR(20),tempname
CHAR(60),POSITION CHAR(60),companyname CHAR(60),weekenddate
DATE,timesheettype CHAR(1),timesheettotal DOUBLE,companyaddress
CHAR(250),theirref CHAR(50), payrollnumber CHAR(20), hasScannedImage
SMALLINT, awaitsApproval SMALLINT)
// IQXWeb
BEGIN
    DECLARE useClass CHAR(20);
    DECLARE x INTEGER;
    DECLARE y INTEGER;
    DECLARE @companycount INTEGER;
    DECLARE DateRangeStart DATE;
    DECLARE DateRangeEnd DATE;
    DECLARE divid CHAR(20);
    SET x=pSliceSize;
    SET y=x*pSlice+1;
    SET useClass=(SELECT FIRST iqxnetuserclassid FROM iqxnetuser WHERE
iqxnetuserid = pWebUserID);
    SET DateRangeStart=isnull(pStartDate,dateadd(yy,-10,now(*)));
    SET DateRangeEnd=isnull(pEndDate,dateadd(yy,1,now(*)));
    IF useClass = 'CANDIDATE' THEN
        SELECT top x START at y
t.temptimesheetid,t.serialnumber,string(person.surname,',
',person.forenames) AS
tempname,isnull(employment.position,vacancy.position),company.name AS
companyname,weekmonthenddate(t.period,t.periodlength) AS weekenddate,
        IF tempdesk.desktype = 'S' THEN 'S' ELSE IF tempdesk.desktype = 'W'
        AND EXISTS(SELECT * FROM placement WHERE placementid = t.placementid
AND worknormalhours IS NOT NULL AND workstarttime IS NOT NULL
        AND(isnull(workmonday,0) = 1 OR isnull(worktuesday,0) = 1 OR
isnull(workwednesday,0) = 1 OR isnull(workthursday,0) = 1 OR
isnull(workfriday,0) = 1
        OR isnull(worksaturday,0) = 1 OR isnull(worksunday,0) = 1)) THEN 'T'
        ELSE 'C'
    endif
```



```
endif AS timesheettype,
  (SELECT SUM(unitspaid*payrate) FROM temptimesheetline WHERE
temptimesheetid = t.temptimesheetid) AS timesheettotal,
  NetGetVacancySiteDetails(vacancy.vacancyID) AS CompanyAddress,
  t.theirref, person.payrollnumber,
  ifnull(NULLIF(string(t.imageblobid,t.ScanPathFileName),''),0,1) AS
hasScannedImage,
  (IF t.estatus=3 THEN 1 ELSE 0 endif) AS awaitsApproval
FROM temptimesheet AS t KEY JOIN placement KEY JOIN vacancy,placement
KEY JOIN employment KEY JOIN company
,temptimesheet AS t KEY JOIN tempdesk
,temptimesheet AS t KEY JOIN person KEY JOIN iqxnetuserlink
WHERE weekenddate BETWEEN DateRangeStart AND DateRangeEnd AND
iqxnetuserlink.iqxnetuserid = pwebuserid
ORDER BY
  weekenddate DESC,companyname ASC,t.serialnumber ASC
ELSE IF userClass = 'AGENCY' THEN
  SELECT DISTINCT top x START at y
t.temptimesheetid,t.serialnumber,string(person.surname,',
',person.forenames) AS
tempname,isnull(employment.position,vacancy.position),company.name AS
companyname,weekmonthenddate(t.period,t.periodlength) AS weekenddate,
  IF tempdesk.desktype = 'S' THEN 'S' ELSE IF tempdesk.desktype = 'W'
  AND EXISTS(SELECT * FROM placement WHERE placementid = t.placementid
AND worknormalhours IS NOT NULL AND workstarttime IS NOT NULL
  AND(isnull(workmonday,0) = 1 OR isnull(worktuesday,0) = 1 OR
isnull(workwednesday,0) = 1 OR isnull(workthursday,0) = 1 OR
isnull(workfriday,0) = 1
  OR isnull(worksaturday,0) = 1 OR isnull(worksunday,0) = 1)) THEN
'T'
ELSE 'C'
endif
endif AS timesheettype,
  (SELECT SUM(unitspaid*payrate) FROM temptimesheetline WHERE
temptimesheetid = t.temptimesheetid) AS timesheettotal,
  NetGetVacancySiteDetails(vacancy.vacancyID) AS CompanyAddress,
  t.theirref, person.payrollnumber,
  ifnull(NULLIF(string(t.imageblobid,t.ScanPathFileName),''),0,1) AS
hasScannedImage,
  (IF t.estatus=3 THEN 1 ELSE 0 endif) AS awaitsApproval
FROM temptimesheet AS t KEY JOIN placement KEY JOIN vacancy,
placement KEY JOIN employment KEY JOIN company
,temptimesheet AS t KEY JOIN tempdesk
,temptimesheet AS t KEY JOIN person KEY JOIN pay_employee KEY JOIN
company AS agcomp KEY JOIN employment AS agemp KEY JOIN iqxnetuserlink
WHERE weekenddate BETWEEN DateRangeStart AND DateRangeEnd AND
iqxnetuserlink.iqxnetuserid = pwebuserid AND weekenddate >=
IQXNetCompanyStartDate(agcomp.companyid)
```



```
ORDER BY
    weekenddate DESC,tempname ASC,t.serialnumber ASC
ELSE IF userClass = 'OWNER' THEN
    SET divid=(SELECT FIRST staff.divisionid FROM iqxnetuser KEY JOIN
staff WHERE iqxnetuser.iqxnetuserid = pwebuserid);
    SELECT DISTINCT top x START at y
t.temptimesheetid,t.serialnumber,string(person.surname,',
',person.forenames) AS
tempname,isnull(employment.position,vacancy.position),company.name AS
companyname,weekmonthenddate(t.period,t.periodlength) AS weekenddate,
    IF tempdesk.desktype = 'S' THEN 'S' ELSE IF tempdesk.desktype =
'W'
        AND EXISTS(SELECT * FROM placement WHERE placementid =
t.placementid AND worknormalhours IS NOT NULL AND workstarttime IS NOT NULL
        AND(isnull(workmonday,0) = 1 OR isnull(worktuesday,0) = 1 OR
isnull(workwednesday,0) = 1 OR isnull(workthursday,0) = 1 OR
isnull(workfriday,0) = 1
        OR isnull(worksaturday,0) = 1 OR isnull(worksunday,0) = 1)) THEN
'T'
    ELSE 'C'
endif
endif AS timesheettype,
    (SELECT SUM(unitspaid*payrate) FROM temptimesheetline WHERE
temptimesheetid = t.temptimesheetid) AS timesheettotal,
    NetGetVacancySiteDetails(vacancy.vacancyID) AS CompanyAddress,
    t.theirref, person.payrollnumber,
ifnull(NULLIF(string(t.imageblobid,t.ScanPathFileName),''),0,1) AS
hasScannedImage,
    (IF t.estatus=3 THEN 1 ELSE 0 endif) AS awaitsApproval
FROM temptimesheet AS t KEY JOIN placement KEY JOIN
vacancy,placement KEY JOIN employment KEY JOIN company
,temptimesheet AS t KEY JOIN tempdesk
,temptimesheet AS t KEY JOIN person
WHERE weekenddate BETWEEN DateRangeStart AND DateRangeEnd AND
company.divisionid = divid AND person.divisionid = divid ORDER BY
    weekenddate DESC,t.serialnumber DESC
ELSE -- CLIENT
    SELECT DISTINCT top x START at y
t.temptimesheetid,t.serialnumber,string(person.surname,',
',person.forenames) AS
tempname,isnull(employment.position,vacancy.position),company.name AS
companyname,weekmonthenddate(t.period,t.periodlength) AS weekenddate,
    IF tempdesk.desktype = 'S' THEN 'S' ELSE IF tempdesk.desktype = 'W'
        AND EXISTS(SELECT * FROM placement WHERE placementid = t.placementid
AND worknormalhours IS NOT NULL AND workstarttime IS NOT NULL
        AND(isnull(workmonday,0) = 1 OR isnull(worktuesday,0) = 1 OR
isnull(workwednesday,0) = 1 OR isnull(workthursday,0) = 1 OR
isnull(workfriday,0) = 1
```



```
OR isnull(worksaturday,0) = 1 OR isnull(worksunday,0) = 1)) THEN
'T'
ELSE 'C'
endif
endif AS timesheettype,(SELECT SUM(unitscharged*chargerate) FROM
temptimesheetline WHERE temptimesheetid = t.temptimesheetid) AS
timesheettotal,
NetGetVacancySiteDetails(vacancy.vacancyID) AS
CompanyAddress,t.theirref, person.payrollnumber,
ifnull(NULLIF(string(t.imageblobid,t.ScanPathFileName),''),0,1) AS
hasScannedImage, (IF t.estatus=3 THEN 1 ELSE 0 endif) AS awaitsApproval
FROM
temptimesheet AS t
KEY JOIN placement
KEY JOIN vacancy,
placement
KEY JOIN employment
KEY JOIN company
KEY JOIN employment AS allemps
KEY JOIN iqxnetuserlink,
temptimesheet AS t
KEY JOIN tempdesk,
temptimesheet AS t
KEY JOIN person
WHERE weekenddate BETWEEN DateRangeStart AND DateRangeEnd AND
iqxnetuserlink.iqxnetuserid = pwebuserid AND weekenddate >=
IQXNetCompanyStartDate(company.companyid)
ORDER BY
weekenddate DESC,tempname ASC,t.serialnumber ASC
END IF
END IF
END IF
END

/* DOC
2017-11-15 PC IW-311 position is drawn from the employment then the vacancy
2018-02-06 PC add date parameters
2018-09-11 PC test routines and declare divid
2018-11-27 MHS: now respects imageblobid.
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the site address for all user classes. Also updated order by.

*/

/* TEST
select * from NetTimesheets('test.candidate',0,10,null,null);
expect temptimesheetid=TEST,serialnumber=99;
```



* /
}

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