



pears.NetCandidateDiary



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

Original SQL

```
CREATE PROCEDURE "pears"."NetCandidateDiary"( IN "pWebUserID" CHAR(20) )
RESULT( "DiaryID" CHAR(50),"DiaryClass" CHAR(50),"ActionType"
CHAR(50),"Description" CHAR(100),"DiaryStatus" CHAR(50),"DateFrom"
DATE,"ShiftType" CHAR(60),"DateTo" DATE,"TimeFrom" TIME,"TimeTo"
TIME,"Address" CHAR(250),"ContactName" CHAR(100),"ContactNumber"
CHAR(100),"MapQuery" CHAR(100) )
// IQXWeb
BEGIN
  DECLARE "pstart" DATE;
  SET "pstart" = CURRENT date-365;
  while "dow"("pstart") <> 2 loop
    SET "pstart" = "pstart"-1
  END loop;
  SELECT "string"('Shift_', "s"."tempshiftid") AS "DiaryID",
    (CASE "s"."state" WHEN 'H' THEN 'Holiday' WHEN 'U' THEN 'Unavailable'
  WHEN 'A' THEN 'Available' WHEN 'C' THEN 'Cancelled'
    ELSE 'Working'
    END) AS "DiaryClass", (CASE "s"."state" WHEN 'H' THEN 'deleteable_shift'
  WHEN 'U' THEN 'deleteable_shift' WHEN 'A' THEN 'deleteable_shift' WHEN 'P'
  THEN (IF "isnull"("s"."tempconfirmed",0) = 0 THEN 'confirmable_shift' endif)
  WHEN 'C' THEN 'cancelled_shift' END) AS "ActionType",
    "isnull"("c"."name", "tempshiftunavailablereason"."name") AS
  "Description",
    (IF "s"."state" = 'P' THEN 'Provisional'
  ELSE ''
    endif) AS "DiaryStatus",
    "s"."shiftdate" AS "DateFrom",
    "isnull"("ty"."Name", "ur"."name") AS "ShiftType",
    "isnull"((IF "s"."timeto" <= "s"."timefrom" THEN "s"."shiftdate"+1 ELSE
  "s"."shiftdate" endif),
    "s"."shiftdate") AS "DateTo",
    "s"."TimeFrom",
    "s"."TimeTo",
    "string"(
    "isnull"
```



```
"string"("vacancy"."sitename",(IF "vacancy"."sitename" IS NOT NULL THEN
', ' endif),(IF "vacancy"."addr1" IS NOT NULL THEN "vacancy"."addr1"
endif),(IF "vacancy"."addr2" IS NOT NULL THEN ', '+ "vacancy"."addr2"
endif),(IF "vacancy"."addr3" IS NOT NULL THEN ', '+ "vacancy"."addr3"
endif),(IF "vacancy"."town" IS NOT NULL THEN ', '+ "vacancy"."town"
endif),(IF "vacancy"."postcode" IS NOT NULL THEN ', '+ "vacancy"."postcode"
endif)),
"getcompanyaddressonline"("c"."companyid")) AS "Address",
"isnull"("vacancy"."sitecontact","cp"."name") AS "ContactName",
"isnull"("vacancy"."sitephonenumbers","getphone"('C','Telephone',"c"."compan
yid")) AS "ContactPhone",
IF "trim"("isnull"("vacancy"."postcode","c"."postcode",'')) = '' THEN ''
ELSE
"urlsafe"("string"("isnull"("vacancy"."postcode","c"."postcode"),'(', "isnull
"("vacancy"."addr1","c"."addr1"),')')) endif AS "MapQuery"
FROM "tempshift" AS "s" KEY JOIN "person"
, "tempshift" AS "s" KEY LEFT OUTER JOIN "tempshiftunavailablereason"
, "tempshift" AS "s" KEY LEFT OUTER JOIN ("vacancy" KEY JOIN
"employment" KEY JOIN ("company" AS "c","person" AS "cp"))
, "tempshift" AS "s" LEFT OUTER JOIN "availabilitytemplate" AS "ty" ON
"ty"."AvailTemplateid" = "s"."availtemplateid"
, "tempshift" AS "s" LEFT OUTER JOIN "TempShiftUnavailableReason" AS
"ur" ON "ur"."TempShiftUnavailableReasonID" = "s"."UnavailableReason"
WHERE "s"."personid" = any(SELECT "personid" FROM "iqxnetuserlink" WHERE
"iqxnetuserid" = "pwebuserid")
AND "s"."shiftdate" >= "pstart"-1 AND NOT("s"."state" = 'C' AND
"isnull"("s"."tempconfirmed",0) = 1) UNION ALL
SELECT "string"('Employment_', "e"."employmentid") AS "DiaryID", 'Working'
AS "DiaryClass", '' AS "ActionType",
"string"("c"."name", ' - ', "isnull"("e"."position","v"."position")) AS
"Description",
'' AS "DiaryStatus",
"e"."startdate" AS "DateFrom",
'' AS "ShiftType",
"isnull"("e"."leavedate", ("dateadd"("year",1,CURRENT DATE))) AS
"DateTo",
CAST(NULL AS TIME) AS "TimeFrom",
CAST(NULL AS TIME) AS "TimeTo",
"string"(
"isnull"(
"string"("v"."sitename",(IF "v"."sitename" IS NOT NULL THEN ', '
endif),(IF "v"."addr1" IS NOT NULL THEN "v"."addr1" endif),(IF "v"."addr2"
IS NOT NULL THEN ', '+ "v"."addr2" endif),(IF "v"."addr3" IS NOT NULL THEN ',
'+ "v"."addr3" endif),(IF "v"."town" IS NOT NULL THEN ', '+ "v"."town"
endif),(IF "v"."postcode" IS NOT NULL THEN ', '+ "v"."postcode" endif)),
"getcompanyaddressonline"("c"."companyid")) AS "Address",
"isnull"("v"."sitecontact","cp"."name") AS "ContactName",
"isnull"("v"."sitephonenumbers","getphone"('C','Telephone',"c"."companyid"))
```



```
AS "ContactPhone",
  IF "trim"("isnull"("v"."postcode","c"."postcode",'')) = '' THEN '' ELSE
"urlsafe"("string"("isnull"("v"."postcode","c"."postcode"),'(','isnull"("v".
"addr1","c"."addr1"),')')) endif AS "MapQuery"
FROM "employment" AS "e" KEY JOIN "placement" AS "pl" KEY JOIN "vacancy"
AS "v" KEY JOIN "employment" AS "ce" KEY JOIN("company" AS "c","person" AS
"cp")
WHERE "e"."personid" = any(SELECT "personid" FROM "iqxnetuserlink" WHERE
"iqxnetuserid" = "pwebuserid")
AND("e"."leavedate" IS NULL OR "e"."leavedate" >= "pstart")
AND "isnull"("e"."concurrent",0) = 0
ORDER BY "DateFrom" ASC,"TimeFrom" ASC
END /* DOC
```

2016-12-01 PC Doc and Test

2017-03-21 PC extend data sample from 30 days to 365 days

2017-09-26 PC split address line into address,contact and phone

2017-10-23 PC increase size of ContactNumber parameter to allow for chained numbers

2017-10-26 PC change person displayed to company contact

2017-10-27 PC link modified on line 56, ref. MHS

2017-12-12 PC change mapquery, contact address etc. to refer to vacancy then company

2018-02-06 PC modify the concurrent and finish dates

2018-05-01 PC,MS concurrent reinstated

2018-05-17 MHS fixed repeating employments (removed bogus join to tempshift). Sorted tests.

2018-05-23 PC IW-543 include ShiftType column

2018-11-09 PC DateTo modified as per request.

2018-11-23 PC DateTo modified as per request.

Inputs:

pWebUserID

Outputs:

DiaryID

DiaryClass

ActionType

Description

DiaryStatus

DateFrom

DateTo

TimeFrom

TimeTo

Address

MapQuery

*/

/* TEST



```
call NetTestSetup('');
delete from tempshift where personid='TEST';
update employment set concurrent=1 where personid='TEST';
select * from NetCandidateDiary('test.candidate');
expect EOF;
update employment set startdate=current date-50,leavedate=null,concurrent=0
where employmentid='TEST';
insert into placement
(placementid,employmentid,vacancyid,staffid,departmentid,placedate) on
existing update defaults off values
('TEST','TEST','TEST','TEST','~~',current date-50);
insert into tempshift (tempshiftid,vacancyid,personid,shiftdate,state)
values ('TESTSHIFT1','TEST','TEST',current date,'B');
insert into tempshift (tempshiftid,vacancyid,personid,shiftdate,state)
values ('TESTSHIFT2','TEST','TEST',current date+1,'P');
insert into tempshift (tempshiftid,personid,shiftdate,state) values
('TESTSHIFT3','TEST',current date+2,'H');
select DiaryID, DiaryClass, DiaryStatus+'z' as Stat from
NetCandidateDiary('test.candidate');
expect DiaryID=Employment*, DiaryClass=Working, Stat=z;
expect DiaryID=Shift*, DiaryClass=Working, Stat=z;
expect DiaryID=Shift*, DiaryClass=Working, Stat=Provisionalz;
expect DiaryID=Shift*, DiaryClass=Holiday, Stat=z;
expect EOF;
*/
```

GO

```
COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetCandidateDiary" IS
{CREATE PROCEDURE pears."NetCandidateDiary"(IN pWebUserID CHAR(20))
RESULT(DiaryID CHAR(50),DiaryClass CHAR(50),ActionType CHAR(50),Description
CHAR(100),DiaryStatus CHAR(50),DateFrom DATE,ShiftType CHAR(60),DateTo
DATE,TimeFrom TIME,TimeTo TIME, Address CHAR (250), ContactName CHAR(100),
ContactNumber CHAR(100), MapQuery CHAR(100))
// IQXWeb
BEGIN
  DECLARE pstart DATE;
  SET pstart=CURRENT date-365;
  while dow(pstart) <> 2 loop
    SET pstart=pstart-1
  END loop;
  SELECT string('Shift_',s.tempshiftid) AS DiaryID,
    (CASE s.state WHEN 'H' THEN 'Holiday' WHEN 'U' THEN 'Unavailable' WHEN
'A' THEN 'Available' WHEN 'C' THEN 'Cancelled'
    ELSE 'Working'
    END) AS DiaryClass,(CASE s.state WHEN 'H' THEN 'deleteable_shift' WHEN
'U' THEN 'deleteable_shift' WHEN 'A' THEN 'deleteable_shift' WHEN 'P' THEN
(IF isnull(s.tempconfirmed,0)=0 THEN 'confirmable_shift' endif) WHEN 'C'
THEN 'cancelled_shift' END) AS ActionType,
```



```
isnull(c.name,tempshiftunavailablereason.name) AS Description,
(IF s.state = 'P' THEN 'Provisional'
ELSE ''
endif) AS DiaryStatus,
s.shiftdate AS DateFrom,
isnull(ty.Name,ur.name) AS ShiftType,
isnull((IF s.timeto <= s.timefrom THEN s.shiftdate+1 ELSE s.shiftdate
endif),s.shiftdate) AS DateTo,
s.TimeFrom,
s.TimeTo,
string(isnull(
    string(vacancy.sitename,(IF vacancy.sitename IS NOT NULL THEN ', '
endif),(IF vacancy.addr1 IS NOT NULL THEN vacancy.addr1 endif),(IF
vacancy.addr2 IS NOT NULL THEN ', '+vacancy.addr2 endif),(IF vacancy.addr3
IS NOT NULL THEN ', '+vacancy.addr3 endif),(IF vacancy.town IS NOT NULL THEN
', '+vacancy.town endif),(IF vacancy.postcode IS NOT NULL THEN ',
'+vacancy.postcode endif))
    ,getcompanyaddressonline(c.companyid))
) AS Address,
isnull(vacancy.sitecontact,cp.name) AS ContactName,
isnull(vacancy.sitephonenumber,getphone('C','Telephone',c.companyid))
AS ContactPhone,
IF TRIM(isnull(vacancy.postcode,c.postcode,''))='' THEN '' ELSE
urlsafe(string(isnull(vacancy.postcode,c.postcode),'(' ,isnull(vacancy.addr1,
c.addr1),')')) endif AS MapQuery
FROM
    tempshift s KEY JOIN person,
    tempshift s KEY LEFT OUTER JOIN tempshiftunavailablereason,
    tempshift AS s KEY LEFT OUTER JOIN (vacancy KEY JOIN employment KEY
JOIN (company c, person cp)),
    tempshift AS s LEFT OUTER JOIN availabilitytemplate ty ON
ty.AvailTemplateid=s.availtemplateid,
    tempshift AS s LEFT OUTER JOIN TempShiftUnavailableReason ur ON
ur.TempShiftUnavailableReasonID=s.UnavailableReason
WHERE s.personid IN (SELECT personid FROM iqxnetuserlink WHERE
iqxnetuserid = pwebuserid)
AND s.shiftdate >= pstart-1 AND NOT(s.state = 'C' AND
isnull(s.tempconfirmed,0) = 1) UNION ALL
SELECT string('Employment_',e.employmentid) AS DiaryID,'Working' AS
DiaryClass,'' AS ActionType,
string(c.name,' - ',isnull(e.position,v.position)) AS Description,
'' AS DiaryStatus,
e.startdate AS DateFrom,
'' AS ShiftType,
isnull(e.leavedate,(dateadd(YEAR,1,CURRENT DATE))) AS DateTo,
CAST(NULL AS TIME) AS TimeFrom,
CAST(NULL AS TIME) AS TimeTo,
string(isnull(
```



```
string(v.sitename,(IF v.sitename IS NOT NULL THEN ', ' endif),(IF
v.addr1 IS NOT NULL THEN v.addr1 endif),(IF v.addr2 IS NOT NULL THEN ',
'+v.addr2 endif),(IF v.addr3 IS NOT NULL THEN ', '+v.addr3 endif),(IF v.town
IS NOT NULL THEN ', '+v.town endif),(IF v.postcode IS NOT NULL THEN ',
'+v.postcode endif))
,getcompanyaddressonline(c.companyid))
) AS Address,
isnull(v.sitecontact,cp.name) AS ContactName,
isnull(v.sitephonenumber,getphone('C','Telephone',c.companyid)) AS
ContactPhone,

IF TRIM(isnull(v.postcode,c.postcode,''))='' THEN '' ELSE
urlsafe(string(isnull(v.postcode,c.postcode),'(',isnull(v.addr1,c.addr1),')'
)) endif AS MapQuery
FROM
employment e KEY JOIN placement pl KEY JOIN vacancy v KEY JOIN
employment ce KEY JOIN (company c, person cp)
WHERE e.personid IN (SELECT personid FROM iqxnetuserlink WHERE
iqxnetuserid = pwebuserid)
AND(e.leavedate IS NULL OR e.leavedate >= pstart)
AND isnull(e.concurrent,0) = 0
ORDER BY
DateFrom ASC,TimeFrom ASC
END
```

/ DOC*

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2018-11-09 PC DateTo modified as per request.

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Inputs:

pWebUserID

Outputs:

DiaryID



```
DiaryClass
ActionType
Description
DiaryStatus
DateFrom
DateTo
TimeFrom
TimeTo
Address
MapQuery

*/

/* TEST
call NetTestSetup('');
delete from tempshift where personid='TEST';
update employment set concurrent=1 where personid='TEST';
select * from NetCandidateDiary('test.candidate');
expect EOF;
update employment set startdate=current date-50,leavedate=null,concurrent=0
where employmentid='TEST';
insert into placement
(placementid,employmentid,vacancyid,staffid,departmentid,placedate) on
existing update defaults off values
('TEST','TEST','TEST','TEST','~~',current date-50);
insert into tempshift (tempshiftid,vacancyid,personid,shiftdate,state)
values ('TESTSHIFT1','TEST','TEST',current date,'B');
insert into tempshift (tempshiftid,vacancyid,personid,shiftdate,state)
values ('TESTSHIFT2','TEST','TEST',current date+1,'P');
insert into tempshift (tempshiftid,personid,shiftdate,state) values
('TESTSHIFT3','TEST',current date+2,'H');
select DiaryID, DiaryClass, DiaryStatus+'z' as Stat from
NetCandidateDiary('test.candidate');
expect DiaryID=Employment*, DiaryClass=Working, Stat=z;
expect DiaryID=Shift*, DiaryClass=Working, Stat=z;
expect DiaryID=Shift*, DiaryClass=Working, Stat=Provisionalz;
expect DiaryID=Shift*, DiaryClass=Holiday, Stat=z;
expect EOF;
*/
}
```

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

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Last update: 2026/08/07 19:24



