



pears.NetClientVacancySuggestCandidate



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

Original SQL

```
CREATE PROCEDURE "pears"."NetClientVacancySuggestCandidate"( IN "pWebUserID"
CHAR(20),IN "pVacancyID" CHAR(20),IN "pSlice" INTEGER DEFAULT 0,IN
"pSliceSize" INTEGER DEFAULT 10,IN "pSearchString" CHAR(50) )
RESULT( "pPersonID" CHAR(20),"pName" CHAR(60),"pKeyName" CHAR(60) )
// IQXNet
BEGIN
  DECLARE LOCAL TEMPORARY TABLE "PersonAlreadyWorking"(
    "PersonID" CHAR(20) NULL,
  ) NOT transactional;
  DECLARE "x" INTEGER;
  DECLARE "y" INTEGER;
  DECLARE "CompID" CHAR(20);
  DECLARE "VacID" CHAR(20);
  SET "x" = "pSliceSize";
  SET "y" = "x"*"pSlice"+1;
  SET "CompID" = "isnull"((SELECT "companyid" FROM "employment" KEY JOIN
"vacancy" WHERE "vacancyid" = "pVacancyID"),(SELECT "companyid" FROM
"employment" KEY JOIN "vacancy" KEY JOIN "tempshiftplan" WHERE
"tempshiftplanid" = "pVacancyID"));
  INSERT INTO "PersonAlreadyWorking"( "PersonID" ) (SELECT DISTINCT
    "ts"."personid"
  FROM "tempshiftplan" AS "tsp"
    JOIN "tempshift" AS "ts" ON "ts"."shiftdate" = "tsp"."shiftdate" AND
"ts"."state" <> 'A' AND NOT(("isnull"("ts"."timeto",'23:59:00') <=
"tsp"."timefrom") OR("isnull"("ts"."timefrom",'00:00:00') >=
"tsp"."timeto"))
    JOIN "person" AS "p"
  WHERE "ts"."vacancyid" = "pVacancyID"
  AND "p"."status" IN( 'C' ) UNION
  SELECT DISTINCT
    "e"."personid"
  FROM "placement" AS "pl"
    KEY JOIN "employment" AS "e"
    KEY JOIN "person" AS "p"
  WHERE "pl"."vacancyid" = "pVacancyID"
```



```
    AND "p"."status" IN( 'C' ) );
SELECT DISTINCT top "x" START at "y"
    "p"."personid","name","p"."keyname"
FROM "person" AS "p" JOIN "PersonAlreadyWorking" AS "paw" ON
    "paw"."PersonID" = "p"."personid"
WHERE "keyname" LIKE '%'+ "isnull"("pSearchString",'')+ '%'
AND NOT EXISTS(SELECT * FROM "progress" WHERE "vacancyid" = "pvacancyid"
AND "progress"."personid" = "p"."personid")
ORDER BY "p"."keyname" ASC
END /* DOC
```

2016-12-28 PC provide paged list of candidates who would be available to work in a particular vacancy

2017-04-20 PC altered to ignore 'Available' shifts

2017-08-01 PC enforce search order and exclude placements

2019-04-13 JB Look for anyone who has worked (shift or placement) and exclude those on he short list

Tests:

unable to test invalid slice or sliceSize

invalid pWebUserID

valid pWebUserID, invalid pVacancyID, invalid status

valid pWebUserID, pVacancyID, pSlice, pSliceSize, invalid pSearchString

valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString

valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString with shift for today and time wholly before template times

valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString with shift for today and time wholly overlapping template times

valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString with shift for today and time wholly after template times

valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString with shift for tomorrow

*/

/* TEST

call NetTestSetup('');

update iqxnetuserlink set employmentid=null where IQXNetUserLinkID in ('test.client','test.agency','test.candidate','test.owner');

update iqxnetuserlink set employmentid='TEST' where IQXNetUserLinkID='test.client';

update tempshiftplan set shiftdate=today(*) where tempshiftplanid = 'TEST';

update tempshift set personid=null,shiftdate=today(*) where vacancyid='TEST';

update person set status='~',keyname='aaatest' where personid='TEST';

delete from progress where vacancyid='test' and personid='test';

select * from NetClientVacancySuggestCandidate(null,null,0,1,null) where pPersonID='TEST';

expect EOF;

update person set status='C' where personid='TEST';

update tempshift set personid='test' where vacancyid='TEST';



```
select pPersonID from
NetClientVacancySuggestCandidate('test.client','TEST',0,1,null) where
pPersonID='TEST';
expect pPersonID=TEST;
update tempshiftplan set timefrom='10:00',timeto='12:00' where
tempshiftplanid='TEST';
update tempshift set timefrom='07:00',timeto='09:00' where tempshiftid =
'TEST';
select * from
NetClientVacancySuggestCandidate('test.client','TEST',0,1,'test');
expect pPersonID=TEST;

update tempshift set timefrom='14:00',timeto='15:00' where vacancyid =
'TEST';
select * from
NetClientVacancySuggestCandidate('test.client','TEST',0,1,'test');
expect pPersonID=TEST;
update tempshiftplan set shiftdate=dateadd(day,1,today(*)) where vacancyid =
'TEST';
select * from
NetClientVacancySuggestCandidate('test.client','TEST',0,1,'test');
expect pPersonID=TEST;
update person set status=null,keyname='test' where personid='TEST';
update tempshiftplan set shiftdate=null where tempshiftplanid = 'TEST';
*/
```

GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE

"pears"."NetClientVacancySuggestCandidate" IS

```
{CREATE PROCEDURE pears."NetClientVacancySuggestCandidate"(IN pWebUserID
CHAR(20), IN pVacancyID CHAR(20), IN pSlice INTEGER DEFAULT 0, IN pSliceSize
INTEGER DEFAULT 10, IN pSearchString CHAR(50))
```

```
RESULT(pPersonID CHAR(20), pName CHAR(60),pKeyName CHAR(60))
```

```
// IQXNet
```

```
BEGIN
```

```
DECLARE LOCAL TEMPORARY TABLE PersonAlreadyWorking(
```

```
PersonID CHAR(20) NULL,
```

```
) NOT transactional;
```

```
DECLARE x INTEGER;
```

```
DECLARE y INTEGER;
```

```
DECLARE CompID CHAR(20);
```

```
DECLARE VacID CHAR(20);
```

```
SET x=pSliceSize;
```

```
SET y=x*pSlice+1;
```

```
SET CompID = isnull((SELECT companyid FROM employment KEY JOIN vacancy
WHERE vacancyid=pVacancyID),(SELECT companyid FROM employment KEY JOIN
vacancy KEY JOIN tempshiftplan WHERE tempshiftplanid = pVacancyID ));
```



```
INSERT INTO PersonAlreadyWorking (PersonID) (SELECT DISTINCT
    ts.personid
FROM
    tempshiftplan tsp
    JOIN tempshift ts ON ts.shiftdate = tsp.shiftdate AND ts.state !=
'A' AND NOT ((isnull(ts.timeto,'23:59:00') <= tsp.timefrom) OR
(isnull(ts.timefrom,'00:00:00') >= tsp.timeto))
    JOIN person p
    WHERE ts.vacancyid = pVacancyID
    AND p.status IN ('C')

UNION SELECT DISTINCT
    e.personid
FROM
    placement pl
    KEY JOIN employment e
    KEY JOIN person p
    WHERE pl.vacancyid = pVacancyID
    AND p.status IN ('C')
);
SELECT DISTINCT top x START at y
    p.personid,name,p.keyname
FROM
    person p JOIN PersonAlreadyWorking paw ON paw.PersonID=p.personid
WHERE
    keyname LIKE '%'+isnull(pSearchString,'') + '%'
    AND NOT EXISTS(SELECT * FROM progress WHERE vacancyid = pvacancyid
AND progress.personid = p.personid)
ORDER BY
    p.keyname ASC;
END
```

/ DOC*

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valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString with shift for today and time wholly before template times



```
valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString with
shift for today and time wholly overlapping template times
valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString with
shift for today and time wholly after template times
valid pWebUserID, pVacancyID, pSlice, pSliceSize, pSearchString with
shift for tomorrow
*/

/* TEST
call NetTestSetup('');
update iqxnetuserlink set employmentid=null where IQXNetUserLinkID in
('test.client','test.agency','test.candidate','test.owner');
update iqxnetuserlink set employmentid='TEST' where
IQXNetUserLinkID='test.client';
update tempshiftplan set shiftdate=today(*) where tempshiftplanid = 'TEST';
update tempshift set personid=null,shiftdate=today(*) where
vacancyid='TEST';
update person set status='~',keyname='aaatest' where personid='TEST';
delete from progress where vacancyid='test' and personid='test';
select * from NetClientVacancySuggestCandidate(null,null,0,1,null) where
pPersonID='TEST';
expect EOF;
update person set status='C' where personid='TEST';
update tempshift set personid='test' where vacancyid='TEST';
select pPersonID from
NetClientVacancySuggestCandidate('test.client','TEST',0,1,null) where
pPersonID='TEST';
expect pPersonID=TEST;
update tempshiftplan set timefrom='10:00',timeto='12:00' where
tempshiftplanid='TEST';
update tempshift set timefrom='07:00',timeto='09:00' where tempshiftid =
'TEST';
select * from
NetClientVacancySuggestCandidate('test.client','TEST',0,1,'test');
expect pPersonID=TEST;

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select * from
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expect pPersonID=TEST;
update tempshiftplan set shiftdate=dateadd(day,1,today(*)) where vacancyid =
'TEST';
select * from
NetClientVacancySuggestCandidate('test.client','TEST',0,1,'test');
expect pPersonID=TEST;
update person set status=null,keyname='test' where personid='TEST';
update tempshiftplan set shiftdate=null where tempshiftplanid = 'TEST';
```



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pears.NetClientVacancySuggestCandidate

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