



# pears.NetContactSet



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

## Original SQL

```
CREATE PROCEDURE "pears"."NetContactSet"( IN "pWebUserID" CHAR(20),IN
"pemploymentid" CHAR(20),IN "pdirectphone" CHAR(250) DEFAULT 'NOT_SET',IN
"pmobile" CHAR(250) DEFAULT 'NOT_SET',IN "pemail" CHAR(250) DEFAULT
'NOT_SET',IN "pdirectfax" CHAR(250) DEFAULT 'NOT_SET',IN "pposition"
CHAR(250) DEFAULT 'NOT_SET',IN "pdepartment" CHAR(250) DEFAULT 'NOT_SET',IN
"pOLDdirectphone" CHAR(250) DEFAULT 'NOT_SET',IN "pOLDmobile" CHAR(250)
DEFAULT 'NOT_SET',IN "pOLDemail" CHAR(250) DEFAULT 'NOT_SET',IN
"pOLDdirectfax" CHAR(250) DEFAULT 'NOT_SET',IN "pOLDposition" CHAR(250)
DEFAULT 'NOT_SET',IN "pOLDdepartment" CHAR(250) DEFAULT 'NOT_SET',IN
"pForenames" CHAR(50) DEFAULT NULL,IN "pSurname" CHAR(50) DEFAULT NULL,IN
"pBaseEmploymentID" CHAR(20) DEFAULT NULL )
RESULT( "pResult" CHAR(250) )
//IQXWeb
BEGIN
  -- This proc is for maintenance updates of any company contact by master
  contacts with suitable rights
  DECLARE "scoid" CHAR(20);
  DECLARE "sdivid" CHAR(20);
  DECLARE "ssql" CHAR(250);
  DECLARE "scomma" CHAR(1);
  DECLARE "userClass" CHAR(20);
  DECLARE "baseUserID" CHAR(20);
  DECLARE LOCAL TEMPORARY TABLE "IDs"(
    "ID" CHAR(20) NULL,
  ) NOT transactional;
  IF "pemploymentid" = 'NEW' THEN
    IF "pemail" = 'NOT_SET' OR "pForenames" IS NULL OR "pSurname" IS NULL OR
    "pBaseEmploymentID" IS NULL THEN
      SELECT '91:~Missing surname, forenames, email address or template
      contact ID';
      RETURN
    END IF;
    IF EXISTS(SELECT * FROM "IQXNetUser" WHERE("EmailAddress" = "pemail" OR
    "LoginID" = "pemail")) THEN
      SELECT '90:~Email address already in use';
```



```
        RETURN
    END IF;
    SET "userClass" = (SELECT FIRST "iqxnetuserclassid" FROM "iqxnetuser"
WHERE "iqxnetuserid" = "pWebUserID");
    SET "baseUserID" = (SELECT FIRST "iqxnetuserid" FROM "iqxnetuserlink"
WHERE "employmentid" = "pBaseEmploymentID" AND "iqxnetuserid" <>
'ADMINUSER');
    SELECT "c"."companyid","c"."divisionid" INTO "scoid","sdivid" FROM
"employment" AS "e" KEY JOIN "company" AS "c" WHERE "e"."employmentid" =
"pBaseEmploymentID";
    SET "pEmploymentID" = "uniquekey"('');
    INSERT INTO "person"(
"personid","staffid","name","keyname","status","forenames","surname","saluta
tion","divisionid" ) VALUES
    ( "pEmploymentID","userstaffid","string"("getword"("pForenames",1),'
',"pSurname"),"makekeyname"("string"("pSurname",'
',"pForenames")),'L',"pForenames","pSurname","getword"("pforenames",1),"sdiv
id" ) ;
    INSERT INTO "employment"( "employmentid","companyid","personid" )
VALUES( "pEmploymentID","scoid","pEmploymentID" ) ;
    INSERT INTO "iqxnetuser"(
"IQXNetUserID","IQXNetUserClassID","Name","LoginID","EmailAddress" ) VALUES(
"pEmploymentID","userClass","string"("getword"("pForenames",1),'
',"pSurname"),"pemail","pemail" ) ;
    INSERT INTO "iqxnetuserlink"(
"IQXNetUserLinkID","IQXNetUserID","PersonID","EmploymentID" ) VALUES(
"pEmploymentID","pEmploymentID","pEmploymentID","pEmploymentID" ) ;
    INSERT INTO "iqxnetrightassigned"(
"IQXNetUserID","IQXNetRightID","Assigned" ) SELECT
"pEmploymentID","IQXNetRightID","Assigned" FROM "iqxnetrightassigned" WHERE
"IQXNetUserID" = "baseUserID";
    INSERT INTO "VacancyRoleAllocation"(
"VacancyID","EmploymentID","VacancyRoleID" ) SELECT
"VacancyID","pEmploymentID","VacancyRoleID" FROM "VacancyRoleAllocation"
WHERE "EmploymentID" = "pBaseEmploymentID"
ELSE
    INSERT INTO "IDs"( "ID" )
    SELECT DISTINCT "e"."companyid" FROM "employment" AS "e" KEY JOIN
"iqxnetuserlink" AS "i" WHERE "i"."iqxnetuserid" = "pWebUserID";
    IF NOT "pEmploymentID" = any(SELECT "e"."employmentid" FROM "employment"
AS "e" JOIN "IDs" ON "e"."companyid" = "IDs"."ID") THEN
        SELECT '99:~Permission denied';
    RETURN
END IF END IF;
IF "isnull"("pdirectphone",'') <> "isnull"("pOLDdirectphone",'') THEN
    CALL "setphone"('CP','Direct Telephone',"pemploymentid","pdirectphone")
END IF;
IF "isnull"("pmobile",'') <> "isnull"("pOLDmobile",'') THEN
```



```
CALL "setphone"('CP','Mobile',"pemploymentid","pmobile")
END IF;
IF "isnull"("pemail",'') <> "isnull"("pOLDemail",'') THEN
  CALL "setphone"('CP','E-mail',"pemploymentid","pemail");
  UPDATE "iqxnetuserlink" KEY JOIN "iqxnetuser" SET
"iqxnetuser"."emailaddress" = "pemail" WHERE "iqxnetuserlink"."employmentid"
= "pemploymentid"
END IF;
IF "isnull"("pdirectfax",'') <> "isnull"("pOLDdirectfax",'') THEN
  CALL "setphone"('CP','Direct Fax',"pemploymentid","pdirectfax")
END IF;
SET "ssql" = '';
SET "scomma" = '';
IF "isnull"("pposition",'') <> "isnull"("pOLDposition",'') THEN
  SET "ssql" = "string"("ssql","scomma",'position=pposition');
  SET "scomma" = ',';
END IF;
IF "isnull"("pdepartment",'') <> "isnull"("pOLDdepartment",'') THEN
  SET "ssql" = "string"("ssql","scomma",'department=pdepartment');
  SET "scomma" = ',';
END IF;
IF "ssql" <> '' THEN
  EXECUTE IMMEDIATE "string('update employment set ', "ssql", ' where
employmentid='', "pemploymentid", ''')
END IF;
SELECT '0:~Success'
END /* DOC
```

2016-08-29 PC Test and doc

2018-08-28 PC improved error handler

test:

create new with missing surname

create new

create new with existing email

create new with incorrect employmentid

update one field

update remaining fields at same time

\*/

/\* TEST

call NetTestSetup('');

delete from iqxnetuser where loginid='test9@test.com'

delete from iqxnetrightassigned where iqxnetuserid='TEST.client' and  
iqxnetrightid='test';

delete from vacancyroleallocation where vacancyid='TEST';

delete from vacancyrole where vacancyroleid='TEST';

delete from iqxnetright where iqxnetrightid='TEST';



```
delete from employment where employmentid='TEST2';
insert into employment (employmentid,companyid,personid,position) on
existing update defaults off values ('TEST2','TEST','TEST','TestPosition2');
update iqxnetuserlink set employmentid=null where IQXNetUserLinkID in
('test.agency','test.client','test.candidate','test.owner');
update iqxnetuserlink set employmentid='TEST2' where
IQXNetUserLinkID='test.client';
insert into IQXNetRight values ('TEST','test',999);
insert into vacancyrole values ('TEST','TestRole','X',99,null);
insert into vacancyroleallocation values ('TEST','TEST','TEST');

select * from NetContactSet('test.client','NEW','0999 999 999','0999 999
998','test9@test.com','0999 999
997','TestPos','TestDept',null,null,null,null,null,null,'TestForename',null,
'test');
expect pResult=91*;
select * from NetContactSet('test.client','NEW','0899 999 999','0999 999
998','test9@test.com','0999 999
997','TestPos','TestDept',null,null,null,null,null,null,'TestForename','Test
Surname','test');
expect presult=0*;
select * from NetContactSet('test.client','NEW','0799 999 999','0999 999
998','test9@test.com','0999 999
997','TestPos','TestDept',null,null,null,null,null,null,'TestForename','Test
Surname','test');
expect presult=90*;
select * from NetContactSet('test.client','T99','0699 999 999','0999 999
998','test9@test.com','0999 999
997','TestPos','TestDept',null,null,null,null,null,null,'TestForename','Test
Surname','test');
expect presult=99*;
select * from NetContactSet('test.client','TEST','0599 999 996','0999 999
998','test9@test.com','0999 999 997','TestPos','TestDept','0999 999
999','0999 999 998','test9@test.com','0999 999
997','TestPos','TestDept','TestForename','TestSurname','test');
expect presult=0*;
select replace(number,' ','!') as A from phone where whoid='TEST' order by
phonetypeid;
expect A=test99@test.com;
expect A=0999!999!992;
expect A=0999!999!991;
expect A=0599!999!996;
select * from NetContactSet('test.client','TEST','0499 999 995','0999 999
994','test70@test.com','0999 999 993','TestPos2','TestDept2','0999 999
996','0999 999 998','test9@test.com','0999 999
997','TestPos','TestDept','TestForename2','TestSurname2','test');
expect presult=0*;
select numberdigits from phone where whoid='TEST';
```



```
expect numberdigits=0499999995;
expect numberdigits=0999999994;
expect numberdigits=70;
expect numberdigits=0999999993;
expect EOF;
select loginid from iqxnetuser where emailaddress='test9@test.com';
expect LoginID=test9@test.com;
select surname from person where forenames='testforename';
expect surname=Testsurname;

delete from iqxnetrightassigned where iqxnetuserid='TEST.client' and
iqxnetrightid='test';
delete from vacancyroleallocation where vacancyid='TEST';
delete from vacancyrole where vacancyroleid='TEST';
delete from iqxnetright where iqxnetrightid='TEST';
delete from iqxnetrightassigned where iqxnetuserid='TEST.client' and
iqxnetrightid='test';
delete from employment where employmentid='TEST2';
delete from iqxnetuser where loginid='test9@test.com'

*/
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetContactSet" IS
{CREATE PROCEDURE pears."NetContactSet"(IN pWebUserID CHAR(20),IN
pemploymentid CHAR(20),IN pdirectphone CHAR(250) DEFAULT 'NOT_SET',IN
pmobile CHAR(250) DEFAULT 'NOT_SET',IN pemail CHAR(250) DEFAULT 'NOT_SET',IN
pdirectfax CHAR(250) DEFAULT 'NOT_SET',IN pposition CHAR(250) DEFAULT
'NOT_SET',IN pdepartment CHAR(250) DEFAULT 'NOT_SET',IN pOLDdirectphone
CHAR(250) DEFAULT 'NOT_SET',IN pOLDmobile CHAR(250) DEFAULT 'NOT_SET',IN
pOLDemail CHAR(250) DEFAULT 'NOT_SET',IN pOLDdirectfax CHAR(250) DEFAULT
'NOT_SET',IN pOLDposition CHAR(250) DEFAULT 'NOT_SET',IN pOLDdepartment
CHAR(250) DEFAULT 'NOT_SET', IN pForenames CHAR(50) DEFAULT NULL, IN
pSurname CHAR(50) DEFAULT NULL, IN pBaseEmploymentID CHAR(20) DEFAULT NULL)
RESULT(pResult CHAR(250))
//IQXWeb
BEGIN
  -- This proc is for maintenance updates of any company contact by master
  contacts with suitable rights
  DECLARE scoid CHAR(20);
  DECLARE sdivid CHAR(20);
  DECLARE ssl CHAR(250);
  DECLARE scomm CHAR(1);
  DECLARE userClass CHAR(20);
  DECLARE baseUserID CHAR(20);
  DECLARE LOCAL TEMPORARY TABLE IDs(
    ID CHAR(20) NULL,
```



```
) NOT transactional;
IF pemploymentid='NEW' THEN
  IF pemail='NOT_SET' OR pForenames IS NULL OR pSurname IS NULL OR
pBaseEmploymentID IS NULL THEN
    SELECT '91:~Missing surname, forenames, email address or template
contact ID';
    RETURN
  END IF;
  IF EXISTS(SELECT * FROM IQXNetUser WHERE EmailAddress=pemail OR
LoginID=pemail) THEN
    SELECT '90:~Email address already in use';
    RETURN
  END IF;
  SET userClass=(SELECT FIRST iqxnetuserclassid FROM iqxnetuser WHERE
iqxnetuserid = pWebUserID);
  SET baseUserID=(SELECT FIRST iqxnetuserid FROM iqxnetuserlink WHERE
employmentid=pBaseEmploymentID AND iqxnetuserid<>'ADMINUSER');
  SELECT c.companyid, c.divisionid INTO scoid, sdivid FROM employment e
KEY JOIN company c WHERE e.employmentid=pBaseEmploymentID;
  SET pEmploymentID=uniquekey('');
  INSERT INTO person
(personid,staffid,name,keyname,STATUS,forenames,surname,salutation,divisioni
d) VALUES
  (pEmploymentID,userstaffid,string(getword(pForenames,1),' ',pSurname),
makekeyname(string(pSurname,' ',pForenames)), 'L', pForenames,
pSurname,getword(pforenames,1), sdivid);
  INSERT INTO employment (employmentid, companyid, personid) VALUES
(pEmploymentID, scoid, pEmploymentID);
  INSERT INTO iqxnetuser
(IQXNetUserID,IQXNetUserClassID,Name,LoginID,EmailAddress) VALUES
(pEmploymentID, userClass, string(getword(pForenames,1),' ',pSurname),
pemail, pemail);
  INSERT INTO iqxnetuserlink
(IQXNetUserLinkID,IQXNetUserID,PersonID,EmploymentID) VALUES (pEmploymentID,
pEmploymentID, pEmploymentID, pEmploymentID);
  INSERT INTO iqxnetrightassigned (IQXNetUserID, IQXNetRightID, Assigned)
SELECT pEmploymentID, IQXNetRightID, Assigned FROM iqxnetrightassigned WHERE
IQXNetUserID=baseUserID;
  INSERT INTO VacancyRoleAllocation (VacancyID, EmploymentID,
VacancyRoleID) SELECT VacancyID, pEmploymentID, VacancyRoleID FROM
VacancyRoleAllocation WHERE EmploymentID=pBaseEmploymentID;
ELSE
  INSERT INTO IDs( ID)
  SELECT DISTINCT e.companyid FROM employment AS e KEY JOIN
iqxnetuserlink AS i WHERE i.iqxnetuserid = pWebUserID;
  IF NOT pEmploymentID = any(SELECT e.employmentid FROM employment AS e
JOIN IDs ON e.companyid = IDs.ID) THEN
    SELECT '99:~Permission denied';
```



```
        RETURN
    END IF;
END IF;
IF isnull(pdirectphone,'') <> isnull(pOLDdirectphone,'') THEN
    CALL setphone('CP','Direct Telephone',pemploymentid,pdirectphone)
END IF;
IF isnull(pmobile,'') <> isnull(pOLDmobile,'') THEN
    CALL setphone('CP','Mobile',pemploymentid,pmobile)
END IF;
IF isnull(pemail,'') <> isnull(pOLDemail,'') THEN
    CALL setphone('CP','E-mail',pemploymentid,pemail);
    UPDATE iqxnetuserlink KEY JOIN iqxnetuser SET iqxnetuser.emailaddress =
pemail WHERE iqxnetuserlink.employmentid = pemploymentid
END IF;
IF isnull(pdirectfax,'') <> isnull(pOLDdirectfax,'') THEN
    CALL setphone('CP','Direct Fax',pemploymentid,pdirectfax)
END IF;
SET ssl='';
SET scomma='';
IF isnull(pposition,'') <> isnull(pOLDposition,'') THEN
    SET ssl=string(ssl,scomma,'position=pposition');
    SET scomma=',';
END IF;
IF isnull(pdepartment,'') <> isnull(pOLDdepartment,'') THEN
    SET ssl=string(ssl,scomma,'department=pdepartment');
    SET scomma=',';
END IF;
IF ssl <> '' THEN
    EXECUTE IMMEDIATE string('update employment set ',ssl,' where
employmentid='',pemploymentid,'')
END IF;
SELECT '0:~Success'
END
```

```
/* DOC
2016-08-29 PC Test and doc
2018-08-28 PC improved error handler
```

```
test:
    create new with missing surname
    create new
    create new with existing email
    create new with incorrect employmentid
    update one field
    update remaining fields at same time
```

```
*/
```

```
/* TEST
```





```
call NetTestSetup('');
delete from iqxnetuser where loginid='test9@test.com'

delete from iqxnetrightassigned where iqxnetuserid='TEST.client' and
ixxnetrightid='test';
delete from vacancyroleallocation where vacancyid='TEST';
delete from vacancyrole where vacancyroleid='TEST';
delete from iqxnetright where iqxnetrightid='TEST';
delete from employment where employmentid='TEST2';
insert into employment (employmentid,companyid,personid,position) on
existing update defaults off values ('TEST2','TEST','TEST','TestPosition2');
update iqxnetuserlink set employmentid=null where IQXNetUserLinkID in
('test.agency','test.client','test.candidate','test.owner');
update iqxnetuserlink set employmentid='TEST2' where
IQXNetUserLinkID='test.client';
insert into IQXNetRight values ('TEST','test',999);
insert into vacancyrole values ('TEST','TestRole','X',99,null);
insert into vacancyroleallocation values ('TEST','TEST','TEST');

select * from NetContactSet('test.client','NEW','0999 999 999','0999 999
998','test9@test.com','0999 999
997','TestPos','TestDept',null,null,null,null,null,null,'TestForename',null,
'test');
expect pResult=91*;
select * from NetContactSet('test.client','NEW','0899 999 999','0999 999
998','test9@test.com','0999 999
997','TestPos','TestDept',null,null,null,null,null,null,'TestForename','Test
Surname','test');
expect presult=0*;
select * from NetContactSet('test.client','NEW','0799 999 999','0999 999
998','test9@test.com','0999 999
997','TestPos','TestDept',null,null,null,null,null,null,'TestForename','Test
Surname','test');
expect presult=90*;
select * from NetContactSet('test.client','T99','0699 999 999','0999 999
998','test9@test.com','0999 999
997','TestPos','TestDept',null,null,null,null,null,null,'TestForename','Test
Surname','test');
expect presult=99*;
select * from NetContactSet('test.client','TEST','0599 999 996','0999 999
998','test9@test.com','0999 999 997','TestPos','TestDept','0999 999
999','0999 999 998','test9@test.com','0999 999
997','TestPos','TestDept','TestForename','TestSurname','test');
expect presult=0*;
select replace(number,' ','!') as A from phone where whoid='TEST' order by
phonetypeid;
expect A=test99@test.com;
```





```
expect A=0999!999!992;
expect A=0999!999!991;
expect A=0599!999!996;
select * from NetContactSet('test.client','TEST','0499 999 995','0999 999
994','test70@test.com','0999 999 993','TestPos2','TestDept2','0999 999
996','0999 999 998','test9@test.com','0999 999
997','TestPos','TestDept','TestForename2','TestSurname2','test');
expect result=0*;
select numberdigits from phone where whoid='TEST';
expect numberdigits=0499999995;
expect numberdigits=0999999994;
expect numberdigits=70;
expect numberdigits=0999999993;
expect EOF;
select loginid from iqxnetuser where emailaddress='test9@test.com';
expect LoginID=test9@test.com;
select surname from person where forenames='testforename';
expect surname=Testsurname;

delete from iqxnetrightassigned where iqxnetuserid='TEST.client' and
iqxnetrightid='test';
delete from vacancyroleallocation where vacancyid='TEST';
delete from vacancyrole where vacancyroleid='TEST';
delete from iqxnetright where iqxnetrightid='TEST';
delete from iqxnetrightassigned where iqxnetuserid='TEST.client' and
iqxnetrightid='test';
delete from employment where employmentid='TEST2';
delete from iqxnetuser where loginid='test9@test.com'

*/
}
```

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

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