



pears.NetContactRightsSet



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

Original SQL

```
CREATE PROCEDURE "pears"."NetContactRightsSet"( IN "pWebUserID" CHAR(20),IN
"pEmploymentID" CHAR(20),IN "pRightsList" long VARCHAR )
RESULT( "pResult" CHAR(250) )
//IQXWeb
BEGIN
  DECLARE "cid" CHAR(20);
  DECLARE "pRequestedWebUserID" CHAR(20);
  DECLARE "i" SMALLINT;
  DECLARE "j" SMALLINT;
  DECLARE "q" SMALLINT;
  DECLARE "dummy" SMALLINT;
  DECLARE "s" CHAR(30);
  DECLARE "t" CHAR(30);
  DECLARE LOCAL TEMPORARY TABLE "IDs"(
    "ID" CHAR(20) NULL,
  ) NOT transactional;
  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;
  IF "IQXNetHasPermission"("pWebUserID",'MAINTAINCONTACTS') = 0 THEN
    SELECT '99:~Permission denied';
    RETURN
  END IF;
  SET "pRequestedWebUserID" = (SELECT FIRST "IQXNetUserID" FROM
"IQXNetUserLink" WHERE "employmentid" = "pEmploymentID");
  DELETE FROM "iqxnetrightassigned" WHERE "iqxnetuserid" =
"pRequestedWebUserID" AND "iqxnetrightid"
    = any(SELECT "a"."iqxnetrightid" FROM "iqxnetrightallowed" AS "a" KEY
JOIN "iqxnetuserclass" KEY JOIN "iqxnetuser" AS "u" WHERE
"a"."maintainonweb" = 1 AND "u"."iqxnetuserid" = "prequestedwebuserid");
```



```
SET "pRightsList" = "replace"("pRightsList",'Right_','');
"looplabel": loop
  SET "i" = "charindex"(',',"pRightsList");
  IF "i" = 0 THEN
    SET "s" = "prightslist"
  ELSE
    SET "s" = "left"("prightslist","i"-1);
    SET "prightslist" = "right"("prightslist","length"("prightslist")-"i")
  END IF;
  SET "s" = "trim"("s");
  SET "q" = 0;
  SET "j" = "charindex"('=', "s");
  IF "j" > 0 THEN
    SET "t" = "trim"("right"("s","length"("s")-"j"));
    SET "s" = "trim"("left"("s","j"-1));
    CASE "t"
      WHEN 'Allow' THEN SET "q" = 1
      WHEN 'Deny' THEN SET "q" = -1
      WHEN '1' THEN SET "q" = 1
      WHEN '-1' THEN SET "q" = -1
    END CASE
  END IF;
  IF "s" <> '' AND "q" <> 0 THEN
    BEGIN
      INSERT INTO "iqxnetrightassigned"(
"iqxnetuserid","iqxnetrightid","assigned" ) VALUES(
"pRequestedWebUserID","s","q" )
    exception
      WHEN others THEN
        SET "dummy" = 0
      END END IF;
  IF "i" = 0 THEN
    leave "looplabel"
  END IF
END loop "looplabel";
SELECT '0:~Success'
END /* DOC
2016-08-26 PC test and doc
2018-08-27 PC improve error handler
```

test:
null pWebUserID, null pEmploymentId, null pRightslist
correct pWebUserID, correct pEmploymentID, correct pRightsList but no
Maintaincontacts right
set an incorrect, allowed right
deny a correct, allowed right
set a correct, denied right
deny a correct, allowed right and allow a correct, denied right



```
*/
/* TEST

call NetTestSetup('');
delete from iqxnetrightallowed where iqxnetrightid='maintaincontacts' and
iqxnetuserclassid='client';
delete from iqxnetrightallowed where iqxnetrightid='managementinfo' and
iqxnetuserclassid='client';
update iqxnetuserlink set employmentid=null where IQXNetUserLinkID in
('test.agency','test.candidate','test.owner');
update iqxnetuserlink set employmentid='TEST' where
IQXNetUserLinkID='test.client';
select * from NetContactRightsSet(null,null,null);
expect 99*;
select * from
NetContactRightsSet('test.client','test','right_maintaincontacts=0');
expect 99*;
select * from NetContactRightsSet('test.client','test','right_zz=1');
expect 99*;
insert into iqxnetrightallowed values
('maintaincontacts','CLIENT','*',null);
select * from
NetContactRightsSet('test.client','test','right_maintaincontacts=0');
expect 0*;
select * from NetContactRights('test.client','test') where
rightid='maintaincontacts';
expect EOF;
select * from
NetContactRightsSet('test.client','test','right_maintaincontacts=1');
expect 0*;
select * from NetContactRights('test.client','test') where
rightid='maintaincontacts';
expect EOF;
update iqxnetrightallowed set maintainonweb=1 where
iqxnetrightid='maintaincontacts' and iqxnetuserclassid='CLIENT';
select * from NetContactRights('test.client','test') where
rightid='maintaincontacts';
expect rightassigned=1;
insert into iqxnetrightallowed values ('managementinfo','CLIENT','*',1);
select * from
NetContactRightsSet('test.client','test','right_maintaincontacts=0,right_man
agementinfo=1');
expect 0*;
select * from NetContactRights('test.client','test') where
rightid='managementinfo';
expect rightassigned=1;
select * from NetContactRights('test.client','test') where
```



```
rightid='maintaincontacts';
expect rightassigned=0;
update iqxnetrightallowed set maintainonweb=1 where
iqxnetrightid='managementinfo' and iqxnetuserclassid='client';
delete from iqxnetrightassigned where iqxnetuserid='test.client';
*/
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetContactRightsSet" IS
{CREATE PROCEDURE pears."NetContactRightsSet"(IN pWebUserID CHAR(20),IN
pEmploymentID CHAR(20),IN pRightsList long VARCHAR)
RESULT(pResult CHAR(250))
//IQXWeb
BEGIN
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  DECLARE i SMALLINT;
  DECLARE j SMALLINT;
  DECLARE q SMALLINT;
  DECLARE dummy SMALLINT;
  DECLARE s CHAR(30);
  DECLARE t CHAR(30);
  DECLARE LOCAL TEMPORARY TABLE IDs(
    ID CHAR(20) NULL,
  ) NOT transactional;
  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;
  IF IQXNetHasPermission(pWebUserID,'MAINTAINCONTACTS') = 0 THEN
    SELECT '99:~Permission denied';
    RETURN
  END IF;
  SET pRequestedWebUserID=(SELECT FIRST IQXNetUserID FROM IQXNetUserLink
WHERE employmentid = pEmploymentID);
  DELETE FROM iqxnetrightassigned WHERE iqxnetuserid = pRequestedWebUserID
AND iqxnetrightid
    = any(SELECT a.iqxnetrightid FROM iqxnetrightallowed AS a KEY JOIN
iqxnetuserclass KEY JOIN iqxnetuser AS u WHERE a.maintainonweb = 1 AND
u.iqxnetuserid = prequestedwebuserid);
  SET pRightsList=REPLACE(pRightsList,'Right_', '');
  looplabel: loop
    SET i=charindex(',',pRightsList);
    IF i = 0 THEN
```



```
        SET s=prightslist
    ELSE
        SET s="left"(prightslist,i-1);
        SET prightslist="right"(prightslist,LENGTH(prightslist)-i)
    END IF;
    SET s=TRIM(s);
    SET q=0;
    SET j=charindex('=',s);
    IF j > 0 THEN
        SET t=TRIM("right"(s,LENGTH(s)-j));
        SET s=TRIM("left"(s,j-1));
        CASE t
            WHEN 'Allow' THEN SET q=1
            WHEN 'Deny' THEN SET q=-1
            WHEN '1' THEN SET q=1
            WHEN '-1' THEN SET q=-1
        END CASE
    END IF;
    IF s <> '' AND q <> 0 THEN
        BEGIN
            INSERT INTO iqxnetrightassigned(
iqxnetuserid,iqxnetrightid,assigned) VALUES( pRequestedWebUserID,s,q)
            exception
                WHEN others THEN
                    SET dummy=0
            END
        END IF;
        IF i = 0 THEN
            leave looplabel
        END IF
    END loop looplabel;
    SELECT '0:~Success'
END
```

/* DOC

2016-08-26 PC test and doc

2018-08-27 PC improve error handler

test:

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iqxnetuserclassid='client';
update iqxnetuserlink set employmentid=null where IQXNetUserLinkID in
('test.agency','test.candidate','test.owner');
update iqxnetuserlink set employmentid='TEST' where
IQXNetUserLinkID='test.client';
select * from NetContactRightsSet(null,null,null);
expect 99*;
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expect 99*;
insert into iqxnetrightallowed values
('maintaincontacts','CLIENT','*',null);
select * from
NetContactRightsSet('test.client','test','right_maintaincontacts=0');
expect 0*;
select * from NetContactRights('test.client','test') where
rightid='maintaincontacts';
expect EOF;
select * from
NetContactRightsSet('test.client','test','right_maintaincontacts=1');
expect 0*;
select * from NetContactRights('test.client','test') where
rightid='maintaincontacts';
expect EOF;
update iqxnetrightallowed set maintainonweb=1 where
iqxnetrightid='maintaincontacts' and iqxnetuserclassid='CLIENT';
select * from NetContactRights('test.client','test') where
rightid='maintaincontacts';
expect rightassigned=1;
insert into iqxnetrightallowed values ('managementinfo','CLIENT','*',1);
select * from
NetContactRightsSet('test.client','test','right_maintaincontacts=0,right_man
agementinfo=1');
expect 0*;
select * from NetContactRights('test.client','test') where
rightid='managementinfo';
expect rightassigned=1;
select * from NetContactRights('test.client','test') where
rightid='maintaincontacts';
```



```
expect rightassigned=0;  
update iqxnetrightallowed set maintainonweb=1 where  
iqxnetrightid='managementinfo' and iqxnetuserclassid='client';  
delete from iqxnetrightassigned where iqxnetuserid='test.client';  
*/  
}
```

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