



pears.NetClientAddMultipleShifts



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

Original SQL

```
CREATE PROCEDURE "pears"."NetClientAddMultipleShifts"( IN "pWebUserID"
CHAR(20),IN "pParamList" long VARCHAR )
RESULT( "pResult" CHAR(255) )
// IQXWeb
BEGIN
  DECLARE "RecordCount" INTEGER;
  DECLARE "LoopCounter" INTEGER;
  DECLARE "FieldCount" INTEGER;
  DECLARE "ResidualRecord" long VARCHAR;
  DECLARE "CurrentRecord" CHAR(2048);
  DECLARE "ShiftDetailList" long VARCHAR;
  DECLARE "ErrorResponse" CHAR(100);
  DECLARE "CombinedErrorResponse" CHAR(1000);
  DECLARE "vacid" CHAR(20);
  DECLARE "shifttemplateid" CHAR(20);
  DECLARE "ShiftDate" CHAR(20);
  DECLARE "timefrom" CHAR(25);
  DECLARE "timeto" CHAR(25);
  DECLARE "BreakMinutes" CHAR(20);
  DECLARE "TheirRef" CHAR(50);
  DECLARE "Location" CHAR(50);
  DECLARE "PONumber" CHAR(50);
  DECLARE "Note" CHAR(50);
  DECLARE "Qty" CHAR(20);
  DECLARE "OrderReason" CHAR(50);
  DECLARE "Skills" CHAR(100);
  DECLARE "Grade" CHAR(50);
  DECLARE "CanAuthorise" SMALLINT;
  DECLARE "compid" CHAR(20);
  SET "ResidualRecord" = "pParamList" + '*';
  while "length"("ResidualRecord") > 0 loop
    SET "vacid" = '';
    SET "shifttemplateid" = '';
    SET "ShiftDate" = NULL;
    SET "timefrom" = '';
```



```
SET "timeto" = '';
SET "BreakMinutes" = '';
SET "TheirRef" = '';
SET "Location" = '';
SET "PONumber" = '';
SET "Note" = '';
SET "Qty" = '';
SET "OrderReason" = '';
SET "Skills" = '';
SET "Grade" = '';
SET "CanAuthorise" = 0;
SET "CurrentRecord" =
"left"("ResidualRecord","charindex"('*', "ResidualRecord"));
SET "vacid" =
"replace"("left"("CurrentRecord","charindex"('|', "CurrentRecord")), '|', '');
SET "CurrentRecord" = "right"("CurrentRecord", "length"("CurrentRecord") -
"charindex"('|', "CurrentRecord"));
SET "shifttemplateid" =
"replace"("left"("CurrentRecord","charindex"('|', "CurrentRecord")), '|', '');
SET "CurrentRecord" = "right"("CurrentRecord", "length"("CurrentRecord") -
"charindex"('|', "CurrentRecord"));
SET "shiftdate" =
"replace"("left"("CurrentRecord","charindex"('|', "CurrentRecord")), '|', '');
SET "CurrentRecord" = "right"("CurrentRecord", "length"("CurrentRecord") -
"charindex"('|', "CurrentRecord"));
SET "timefrom" =
"replace"("replace"("left"("CurrentRecord","charindex"('|', "CurrentRecord"))
, '|', ''), '%3A', ':');
SET "CurrentRecord" = "right"("CurrentRecord", "length"("CurrentRecord") -
"charindex"('|', "CurrentRecord"));
SET "timeto" =
"replace"("replace"("left"("CurrentRecord","charindex"('|', "CurrentRecord"))
, '|', ''), '%3A', ':');
SET "CurrentRecord" = "right"("CurrentRecord", "length"("CurrentRecord") -
"charindex"('|', "CurrentRecord"));
SET "Qty" =
"replace"("left"("CurrentRecord","charindex"('|', "CurrentRecord")), '|', '');
SET "CurrentRecord" = "right"("CurrentRecord", "length"("CurrentRecord") -
"charindex"('|', "CurrentRecord"));
SET "OrderReason" =
"replace"("left"("CurrentRecord","charindex"('|', "CurrentRecord")), '|', '');
SET "CurrentRecord" = "right"("CurrentRecord", "length"("CurrentRecord") -
"charindex"('|', "CurrentRecord"));
SET "TheirRef" =
"replace"("left"("CurrentRecord","charindex"('|', "CurrentRecord")), '|', '');
SET "CurrentRecord" = "right"("CurrentRecord", "length"("CurrentRecord") -
"charindex"('|', "CurrentRecord"));
SET "Note" =
```



```
"replace"("left"("CurrentRecord","charindex"('|',"CurrentRecord")),'|','');
    SET "CurrentRecord" = "right"("CurrentRecord","length"("CurrentRecord")-
"charindex"('|',"CurrentRecord"));
    SET "BreakMinutes" =
"replace"("left"("CurrentRecord","charindex"('*', "CurrentRecord")), '*', '');
    SET "ResidualRecord" =
"right"("ResidualRecord","length"("ResidualRecord")-
"charindex"('*', "ResidualRecord"));
    SET "compid" = (SELECT "e"."companyid" FROM "vacancy" AS "v" KEY JOIN
"employment" AS "e" WHERE "v"."vacancyid" = "vacid");
    IF NOT "pwebuserid" = any(SELECT "l"."iqxnetuserid" FROM
"iqxnetuserlink" AS "l" KEY JOIN "employment" AS "e" WHERE "e"."companyid" =
"compid") THEN
        SELECT '100:~Permission denied';
        RETURN
    END IF;
    IF "isnull"("shiftdate",'') = '' THEN
        SELECT '101:~Invalid start date';
        RETURN
    END IF;
    IF "isnull"("timefrom",'') = '' THEN
        SELECT '102:~Invalid start time';
        RETURN
    END IF;
    IF "isnull"("timeto",'') = '' THEN
        SELECT '103:~Invalid end time';
        RETURN
    END IF;
    IF "isnull"("Qty",'') = '' THEN
        SELECT '104:~Invalid quantity';
        RETURN
    END IF;
    IF "isnull"("OrderReason",'') = '' THEN
        SELECT '105:~Order reason required';
        RETURN
    END IF;
    SET "ErrorResponse" = (SELECT "pResult" FROM
"NetClientAddSingleShift"("pWebUserID","vacid","shifttemplateid","shiftdate"
,"timefrom","timeto","BreakMinutes","TheirRef",NULL,NULL,"Note","Qty","Order
Reason",NULL,NULL,0));
    IF "ErrorResponse" = '0:~Success' THEN
        SET "ShiftDetailList" = "string"("ShiftDetailList","shiftdate",'
',"timefrom",'-', "timeto",' ('',"Qty",''),'char"(13))
    ELSE
        SET "CombinedErrorResponse" =
"string"("CombinedErrorResponse","char"(13),"shiftdate",' ','timefrom','-'
',"timeto",' ':' "ErrorResponse")
    END IF
```



```
END loop;
IF "CombinedErrorResponse" IS NULL THEN
    CALL
    "IQXNetPopup"("pWebUserID",NULL,NULL,"vacid",NULL,NULL,'ADDSHIFTS','New
Shift requirement(s) added',"ShiftDetailList");
    SELECT '0:~Success'
ELSE
    SELECT "CombinedErrorResponse"
END IF
END /* DOC
20161025 PC wrapper for NetClientAddShiftsOneDay
use in conjunction with NetClientAddOneDay and IQXNetPopup
20170609 PC add Order reason IW-69
2018-08-01 PC improved error handling
2019-01-10 IW-784 GJ/PC Removed permission check and updated tests.

inputs:
pWebUserID
pParamList - aggregated parameters.
| between fields
* between records

outputs:
pResult

tests:
invalid pWebUserID
valid pWebUserID but no value string
valid pWebUserID and value string but no date
valid pWebUserID and value string but no start time
valid pWebUserID and value string but no end time
valid pWebUserID and value string but quantity
valid pWebUserID and value string
*/
/* TEST
call NetTestSetup('');
select pResult from NetClientAddMultipleShifts(null,null);
expect pResult=100*;
select pResult from NetClientAddMultipleShifts('test.client',null);
expect pResult=100*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|||||||30*TEST|TEST|||||
|||60');
expect pResult=101*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|||||||30*TEST
|TEST|2016-05-25|||||||60');
expect pResult=102*;
```



```
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|08%3A00|'||'|
30*TEST|TEST|2016-05-25|06%3A00|'||'|60');
expect pResult=103*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|08%3A00|16%3A
30|'||'|30*TEST|TEST|2016-05-25|06%3A00|16%3A00|'||'|60');
expect pResult=104*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|08%3A00|16%3A
30|1|'||'|30*TEST|TEST|2016-05-25|06%3A00|16%3A00|1|'||'|60');
expect pResult=105*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|08%3A00|16%3A
30|1|TEST|'||30*TEST|TEST|2016-05-25|06%3A00|16%3A00|1|TEST|'||60');
expect pResult=0:~Success;
select top 2 * from tempshiftplan where VacancyID='TEST' and
TempShiftPlanID!='TEST' order by ShiftDate asc;
expect
VacancyID=TEST,description=test,TimeFrom=08:00*,TimeTo=16:30*,ShiftDate=24/0
5/2016,BreakMinutes=30;
expect
VacancyID=TEST,description=test,TimeFrom=06:00*,TimeTo=16:00*,ShiftDate=25/0
5/2016,BreakMinutes=60;
*/
```

GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetClientAddMultipleShifts"
IS

```
{CREATE PROCEDURE pears."NetClientAddMultipleShifts"( IN "pWebUserID"
CHAR(20),IN pParamList long VARCHAR)
RESULT (pResult CHAR(255))
// IQXWeb
BEGIN
```

```
    DECLARE RecordCount INTEGER;
    DECLARE LoopCounter INTEGER;
    DECLARE FieldCount INTEGER;
    DECLARE ResidualRecord long VARCHAR;
    DECLARE CurrentRecord CHAR(2048);
    DECLARE ShiftDetailList long VARCHAR;
    DECLARE ErrorResponse CHAR(100);
    DECLARE CombinedErrorResponse CHAR(1000);
    DECLARE vacid CHAR(20);
    DECLARE shifttemplateid CHAR(20);
    DECLARE ShiftDate CHAR(20);
    DECLARE timefrom CHAR(25);
    DECLARE timeto CHAR(25);
    DECLARE BreakMinutes CHAR(20);
```



```
DECLARE TheirRef CHAR(50);
DECLARE Location CHAR(50);
DECLARE P0Number CHAR(50);
DECLARE Note CHAR(50);
DECLARE Qty CHAR(20);
DECLARE OrderReason CHAR(50);
DECLARE Skills CHAR(100);
DECLARE Grade CHAR(50);
DECLARE CanAuthorise SMALLINT;
DECLARE compid CHAR(20);
SET ResidualRecord=pParamList+'*';

while LENGTH(ResidualRecord)>0 loop
    SET vacid='';
    SET shifttemplateid='';
    SET ShiftDate=NULL;
    SET timefrom='';
    SET timeto ='';
    SET BreakMinutes='';
    SET TheirRef='';
    SET Location='';
    SET P0Number='';
    SET Note='';
    SET Qty='';
    SET OrderReason='';
    SET Skills='';
    SET Grade='';
    SET CanAuthorise =0;

    SET CurrentRecord=LEFT(ResidualRecord,
charindex('*',ResidualRecord));
    SET
vacid=REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)), '|', '');
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
charindex('|',CurrentRecord));
    SET
shifttemplateid=REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)), '|',
, '');
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
charindex('|',CurrentRecord));
    SET
shiftdate=REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)), '|', '');
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
charindex('|',CurrentRecord));
    SET
timefrom=REPLACE(REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)), '|',
, ''), '%3A', ':');
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
```



```
charindex('|',CurrentRecord));
    SET
timeto=REPLACE(REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)),'|',
'),'%3A',':');
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
charindex('|',CurrentRecord));
    SET
Qty=REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)),'|','');
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
charindex('|',CurrentRecord));
    SET
OrderReason=REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)),'|','')
;
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
charindex('|',CurrentRecord));
    SET
TheirRef=REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)),'|','');
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
charindex('|',CurrentRecord));
    SET
Note=REPLACE(LEFT(CurrentRecord,charindex('|',CurrentRecord)),'|','');
    SET CurrentRecord=RIGHT(CurrentRecord, LENGTH(CurrentRecord)-
charindex('|',CurrentRecord));
    SET
BreakMinutes=REPLACE(LEFT(CurrentRecord,charindex('*',CurrentRecord)),*','');
    SET ResidualRecord=RIGHT(ResidualRecord, LENGTH(ResidualRecord)-
charindex('*',ResidualRecord));

    SET compid=(SELECT e.companyid FROM vacancy v KEY JOIN employment e
WHERE v.vacancyid=vacid);
    IF NOT pwebuserid IN (SELECT l.ixxnetuserid FROM ixxnetuserlink l
KEY JOIN employment e WHERE e.companyid=compid) THEN
        SELECT '100:~Permission denied';
        RETURN;
    END IF;

    IF isnull(shiftdate,'') = '' THEN
        SELECT '101:~Invalid start date';
        RETURN;
    END IF;
    IF isnull(timefrom,'') = '' THEN
        SELECT '102:~Invalid start time';
        RETURN;
    END IF;
    IF isnull(timeto,'') = '' THEN
        SELECT '103:~Invalid end time';
        RETURN;
```



```
END IF;
IF isnull(Qty,'') = '' THEN
    SELECT '104:~Invalid quantity';
    RETURN;
END IF;
IF isnull(OrderReason,'') = '' THEN
    SELECT '105:~Order reason required';
    RETURN;
END IF;
SET ErrorResponse=(SELECT pResult FROM
NetClientAddSingleShift(pWebUserID,vacid,shifttemplateid,shiftdate,timefrom,
timeto,BreakMinutes,TheirRef,NULL,NULL>Note,Qty,OrderReason,NULL,NULL,0));
IF ErrorResponse = '0:~Success' THEN
    SET ShiftDetailList=string(ShiftDetailList,shiftdate,
',timefrom','- ',timeto,' (' ,Qty,') ',CHAR(13));
ELSE
    SET
CombinedErrorResponse=string(CombinedErrorResponse,CHAR(13),shiftdate,
',timefrom','- ',timeto,': ',ErrorResponse);
END IF
END loop;
IF CombinedErrorResponse IS NULL THEN
    CALL
"IQXNetPopup"("pWebUserID",NULL,NULL,vacid,NULL,NULL,'ADDSHIFTS','New Shift
requirement(s) added',ShiftDetailList);
    SELECT '0:~Success';
ELSE
    SELECT CombinedErrorResponse;
END IF;
END
```

```
/* DOC
20161025 PC wrapper for NetClientAddShiftsOneDay
use in conjunction with NetClientAddOneDay and IQXNetPopup
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```
inputs:
    pWebUserID
    pParamList - aggregated parameters.
                | between fields
                * between records
```

```
outputs:
    pResult
```

```
tests:
```




```
invalid pWebUserID
valid pWebUserID but no value string
valid pWebUserID and value string but no date
valid pWebUserID and value string but no start time
valid pWebUserID and value string but no end time
valid pWebUserID and value string but quantity
valid pWebUserID and value string
*/

/* TEST
call NetTestSetup('');
select pResult from NetClientAddMultipleShifts(null,null);
expect pResult=100*;
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expect pResult=100*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|'||'|||||30*TEST|TEST|'|||
|||60');
expect pResult=101*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|'||'|||||30*TEST
|TEST|2016-05-25|'||'|||||60');
expect pResult=102*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|08%3A00|'||'|||
30*TEST|TEST|2016-05-25|06%3A00|'||'||||60');
expect pResult=103*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|08%3A00|16%3A
30|'||'|||30*TEST|TEST|2016-05-25|06%3A00|16%3A00|'||||60');
expect pResult=104*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|08%3A00|16%3A
30|1|'||'|||30*TEST|TEST|2016-05-25|06%3A00|16%3A00|1|'||||60');
expect pResult=105*;
select pResult from
NetClientAddMultipleShifts('test.client','TEST|TEST|2016-05-24|08%3A00|16%3A
30|1|TEST|'|||30*TEST|TEST|2016-05-25|06%3A00|16%3A00|1|TEST|'||60');
expect pResult=0:~Success;
select top 2 * from tempshiftplan where VacancyID='TEST' and
TempShiftPlanID!='TEST' order by ShiftDate asc;
expect
VacancyID=TEST,description=test,TimeFrom=08:00*,TimeTo=16:30*,ShiftDate=24/0
5/2016,BreakMinutes=30;
expect
VacancyID=TEST,description=test,TimeFrom=06:00*,TimeTo=16:00*,ShiftDate=25/0
5/2016,BreakMinutes=60;
*/
```



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pears.NetClientAddMultipleShifts

}

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