



pears.NetClientAddSingleShift



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

Original SQL

```
CREATE PROCEDURE "pears"."NetClientAddSingleShift"( IN "pWebUserID"
CHAR(20),IN "pvacancyid" CHAR(20),IN "pshifttemplateid" CHAR(20),IN "pdate"
DATE,
    IN "ptimefrom" CHAR(25) DEFAULT NULL,IN "ptimeto" CHAR(25) DEFAULT NULL,IN
"pBreak" CHAR(20) DEFAULT NULL,IN "pTheirRef" CHAR(50) DEFAULT NULL,
    IN "pLocation" CHAR(50) DEFAULT NULL,IN "pPONumber" CHAR(50) DEFAULT
NULL,IN "pNote" CHAR(50) DEFAULT NULL,IN "pQty" CHAR(20) DEFAULT NULL,
    IN "pOrderReason" CHAR(50) DEFAULT NULL,IN "pSkills" CHAR(100) DEFAULT
NULL,IN "pGrade" CHAR(50) DEFAULT NULL,IN "pCanAuthorise" SMALLINT DEFAULT
)
RESULT( "pResult" CHAR(255) )
// IQXWeb
BEGIN
    DECLARE "sid" CHAR(20);
    DECLARE "cnt" INTEGER;
    DECLARE "tfrom" TIME;
    DECLARE "tto" TIME;
    DECLARE "ibreak" INTEGER;
    DECLARE "isReasonCompulsory" INTEGER;
    DECLARE "RefNote" CHAR(50);
    DECLARE "WebUser" CHAR(60);
    DECLARE "TempShiftTemplateID" CHAR(20);
    DECLARE "NewState" CHAR(5);
    IF "pTheirRef" <> '' THEN
        SET "RefNote" = "ucase"("pTheirRef")
    ELSE
        SET "RefNote" = "pPONumber"
    END IF;
    IF "isnull"("pNote",'') = '' THEN SET "pNote" = "pLocation"
    END IF;
    IF "pdate" IS NULL THEN
        SELECT '101:~pDate is null';
        RETURN
    END IF;
    SET "cnt" = "isnull"("iqxnetstringtointeger"("pqty"),0);
```



```
IF "cnt" <= 0 THEN
    SELECT '102:~Quantity is 0';
    RETURN
END IF;
SET "tfrom" = "iqxnetstringtotime"("ptimefrom");
SET "tto" = "iqxnetstringtotime"("ptimeto");
SET "ibreak" = "iqxnetstringtointeger"("pbreak"); -- If times and break
not supplied they will come from the template
SET "WebUser" = (SELECT top 1 "name" FROM "iqxnetuser" WHERE
"iqxnetuserid" = "pWebUserID");
SET "NewState" = 'C';
while "cnt" > 0 loop
    SET "sid" = "uniquekey"("cnt"*"rand"()*10);
    SET "isReasonCompulsory" = (SELECT FIRST "ShiftOrderReasonRequired" FROM
"TempShiftTemplate" WHERE "TempShiftTemplateID" = "pshifttemplateid");
    IF "pOrderReason" = '' AND "isReasonCompulsory" = 1 THEN
        SELECT '105~Reason is compulsory';
        RETURN
    END IF;
    INSERT INTO "tempshiftplan"(
"TempShiftPlanID", "VacancyID", "TimeFrom", "TimeTo", "BreakMinutes", "ShiftDate",
"Moveable", "Description", "ClientNote",
    "EssentialSkill", "EssentialSkillChoiceList", "EssentialSkillGradeID",
    "ReferenceCode", "ReferenceRequired",
"ClientMustConfirm", "TempMustConfirm", "OrderedBy", "TempShiftTypeID", "AnalysisC
ode", "RecoveryHours", "TempShiftOrderReasonID", "TempShiftTemplateID" )
    SELECT top 1
"sid", "pvacancyid", "isnull"("tfrom", "timefrom"), "isnull"("tto", "timeto"), "is
null"("ibreak", "breakminutes"), "pdate", "Moveable", "Description", "pNote",
"string"("taglocation", ';', "tagid", ';', "tagchoiceid", ';', "gradetagid"), "repl
ace"("pskills", "char"(9), ';'), "isnull"("pgrade", "EssentialSkillGradeID"),
    "RefNote", "ReferenceRequired",
"ClientMustConfirm", "TempMustConfirm", "WebUser", "TempShiftTypeID", "AnalysisC
ode", "RecoveryHours", "nullif"("pOrderReason", ''), "pShiftTemplateID"
    FROM "tempshifttemplate" WHERE "tempshifttemplateid" =
"pshifttemplateid";
    CALL "NetSetShiftPlanCascade"("sid");
    -- retain the section below until definitely not required
    -- if "pCanAuthorise" = 0 then
    --     insert into "tempshift"(
"tempshiftid", "vacancyid", "shiftdate", "timefrom", "timeto", "breakminutes", "st
ate", "tempshiftplanid", "cancelreason", ConfirmedWith, "TempShiftTemplateID" )
    --     select
"sid", "pvacancyid", "pdate", "isnull"("tfrom", "timefrom"), "isnull"("tto", "time
to"), "isnull"("ibreak", "breakminutes"), NewState, "sid", '~', WebUser, "pShiftTem
plateID"
    --     from "tempshifttemplate" where "tempshifttemplateid" =
"pshifttemplateid";
```



```
-- end if;
SET "cnt" = "cnt"-1
END loop;
SELECT '0:~Success'
END /* DOC
20161025 IW-69 PC modified NetClientAddShiftsOneDay, but removing pLog and
other things, which was causing a return error. use in conjunction with
NetClientAddMultipleShifts
2018-08-22 PC improve error handling

tests:
invalid pwebuserid
valid pwebuserid but invalid pvacancyid
valid pwebuserid, valid pvacancyid but invalid ptempshifttemplateid
valid pwebuserid, pvacancyid, ptempshifttemplateid but invalid date
valid pwebuserid, pvacancyid, ptempshifttemplateid, date but invalid
timefrom
valid pwebuserid, pvacancyid, ptempshifttemplateid, date, timefrom but
invalid quantity
valid pwebuserid, pvacancyid, ptempshifttemplateid, date, timefrom, quantity

*/
/* TEST
call NetTestSetup('');
delete from tempshiftplan where vacancyid='TEST';
select replace(pResult, ' ', '!') as A from
NetClientAddSingleShift(null,null,null,null,null,null,null,null,null,null,nu
ll,null,null,null,null,null,0 );
expect A=101*;
select replace(pResult, ' ', '!') as A from
NetClientAddSingleShift('test.client',null,null,null,null,null,null,null,nul
l,null,null,null,null,null,0 );
expect A=101*;
select replace(pResult, ' ', '!') as A from
NetClientAddSingleShift('test.client','TEST',null,null,null,null,null,null,n
ull,null,null,null,null,null,0 );
expect A=101*;
select replace(pResult, ' ', '!') as A from
NetClientAddSingleShift('test.client','TEST','TEST',null,null,null,null,nul
l,null,null,null,null,null,0 );
expect A=101*;
select replace(pResult, ' ', '!') as A from
NetClientAddSingleShift('test.client','TEST','TEST',today(),null,null,null,n
ull,null,null,null,null,0,null,null,null,0 );
expect A=102*;
select replace(pResult, ' ', '!') as A from
NetClientAddSingleShift('test.client','TEST','TEST',today(),null,null,null,n
ull,null,null,null,null,1,null,null,null,0 );
```



```
expect A=0:~Success;
select top 1 * from tempshiftplan order by whenentered desc;
expect VacancyID=TEST,Description=test,TimeFrom=08:00*,TimeTo=16:00*;
delete from tempshiftplan where vacancyid='TEST';
*/
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetClientAddSingleShift" IS
{CREATE PROCEDURE pears."NetClientAddSingleShift"( IN "pWebUserID"
CHAR(20),IN "pvacancyid" CHAR(20),IN "pshifttemplateid" CHAR(20),IN "pdate"
DATE,
    IN "ptimefrom" CHAR(25) DEFAULT NULL,IN "ptimeto" CHAR(25) DEFAULT NULL,IN
"pBreak" CHAR(20) DEFAULT NULL,IN "pTheirRef" CHAR(50) DEFAULT NULL,
    IN "pLocation" CHAR(50) DEFAULT NULL,IN "pPONumber" CHAR(50) DEFAULT
NULL,IN "pNote" CHAR(50) DEFAULT NULL,IN "pQty" CHAR(20) DEFAULT NULL,
    IN "pOrderReason" CHAR(50) DEFAULT NULL,IN "pSkills" CHAR(100) DEFAULT
NULL,IN "pGrade" CHAR(50) DEFAULT NULL,IN "pCanAuthorise" SMALLINT DEFAULT
)
RESULT (pResult CHAR(255))
// IQXWeb
BEGIN
    DECLARE "sid" CHAR(20);
    DECLARE "cnt" INTEGER;
    DECLARE "tfrom" TIME;
    DECLARE "tto" TIME;
    DECLARE "ibreak" INTEGER;
    DECLARE "isReasonCompulsory" INTEGER;
    DECLARE "RefNote" CHAR(50);
    DECLARE WebUser CHAR(60);
    DECLARE TempShiftTemplateID CHAR(20);
    DECLARE NewState CHAR(5);
    IF "pTheirRef" <> '' THEN
        SET "RefNote" = "ucase"("pTheirRef")
    ELSE
        SET "RefNote" = "pPONumber"
    END IF;
    IF "isnull"("pNote",'') = '' THEN SET "pNote" = "pLocation"
    END IF;
    IF "pdate" IS NULL THEN
        SELECT '101:~pDate is null';
        RETURN
    END IF;
    SET "cnt" = "isnull"("iqxnetstringtointeger"("pqty"),0);
    IF "cnt" <= 0 THEN
        SELECT '102:~Quantity is 0';
        RETURN
    END IF;
    SET "tfrom" = "iqxnetstringtotime"("ptimefrom");
```



```
SET "tto" = "iqxnetstringtotime"("ptimeto");
SET "ibreak" = "iqxnetstringtointeger"("pbreak"); -- If times and break
not supplied they will come from the template
SET WebUser=(SELECT top 1 name FROM iqxnetuser WHERE
iqxnetuserid=pWebUserID);
SET NewState='C';
while "cnt" > 0 loop
    SET "sid" = "uniquekey"("cnt" * rand()*10);
    SET "isReasonCompulsory" = (SELECT FIRST "ShiftOrderReasonRequired" FROM
"TempShiftTemplate" WHERE "TempShiftTemplateID" = "pshifttemplateid");
    IF "pOrderReason" = '' AND "isReasonCompulsory" = 1 THEN
        SELECT '105~Reason is compulsory';
        RETURN
    END IF;

    INSERT INTO "tempshiftplan"(
"TempShiftPlanID","VacancyID","TimeFrom","TimeTo","BreakMinutes","ShiftDate"
,"Moveable","Description","ClientNote",
    "EssentialSkill","EssentialSkillChoiceList","EssentialSkillGradeID",
    "ReferenceCode","ReferenceRequired",
"ClientMustConfirm","TempMustConfirm","OrderedBy","TempShiftTypeID","AnalysisC
ode","RecoveryHours","TempShiftOrderReasonID","TempShiftTemplateID" )
    SELECT top 1
"sid","pvacancyid","isnull"("tfrom","timefrom"),"isnull"("tto","timeto"),"is
null"("ibreak","breakminutes"),"pdate","Moveable","Description","pNote",
"string"("taglocation",";","tagid",";","tagchoiceid",";","gradetagid"),"repl
ace"("pskills","char"(9),";"),isnull("pgrade",EssentialSkillGradeID),
    "RefNote","ReferenceRequired",
"ClientMustConfirm","TempMustConfirm","WebUser","TempShiftTypeID","AnalysisC
ode","RecoveryHours","nullif"("pOrderReason",""),"pShiftTemplateID"
    FROM "tempshifttemplate" WHERE "tempshifttemplateid" =
"pshifttemplateid";
    CALL "NetSetShiftPlanCascade"("sid");
    -- retain the section below until definitely not required
    -- if "pCanAuthorise" = 0 then
    --     insert into "tempshift"(
"tempshiftid","vacancyid","shiftdate","timefrom","timeto","breakminutes","st
ate","tempshiftplanid","cancelreason",ConfirmedWith,"TempshiftTemplateID" )
    --     select
"sid","pvacancyid","pdate","isnull"("tfrom","timefrom"),"isnull"("tto","time
to"),"isnull"("ibreak","breakminutes"),NewState,"sid",'~',WebUser,"pShiftTem
plateID"
    --     from "tempshifttemplate" where "tempshifttemplateid" =
"pshifttemplateid";
    -- end if;
    SET "cnt" = "cnt"-1;

END loop;
```



```
SELECT '0:~Success';  
END
```

```
/* DOC
```

```
20161025 IW-69 PC modified NetClientAddShiftsOneDay, but removing pLog and  
other things, which was causing a return error. use in conjunction with  
NetClientAddMultipleShifts  
2018-08-22 PC improve error handling
```

```
tests:
```

```
    invalid pwebuserid  
    valid pwebuserid but invalid pvacancyid  
    valid pwebuserid, valid pvacancyid but invalid ptempshifttemplateid  
    valid pwebuserid, pvacancyid, ptempshifttemplateid but invalid date  
    valid pwebuserid, pvacancyid, ptempshifttemplateid, date but invalid  
timefrom  
    valid pwebuserid, pvacancyid, ptempshifttemplateid, date, timefrom but  
invalid quantity  
    valid pwebuserid, pvacancyid, ptempshifttemplateid, date, timefrom,  
quantity
```

```
*/
```

```
/* TEST
```

```
call NetTestSetup('');  
delete from tempshiftplan where vacancyid='TEST';  
select replace(pResult, ' ', '!') as A from  
NetClientAddSingleShift(null,null,null,null,null,null,null,null,null,null,  
null,null,null,null,null,0 );  
expect A=101*;  
select replace(pResult, ' ', '!') as A from  
NetClientAddSingleShift('test.client',null,null,null,null,null,null,null,  
null,null,null,null,null,0 );  
expect A=101*;  
select replace(pResult, ' ', '!') as A from  
NetClientAddSingleShift('test.client','TEST',null,null,null,null,null,n  
ull,null,null,null,null,0 );  
expect A=101*;  
select replace(pResult, ' ', '!') as A from  
NetClientAddSingleShift('test.client','TEST','TEST',null,null,null,null,  
null,null,null,null,null,0 );  
expect A=101*;  
select replace(pResult, ' ', '!') as A from  
NetClientAddSingleShift('test.client','TEST','TEST',today(),null,null,null,  
null,null,null,null,0,null,null,null,0 );  
expect A=102*;  
select replace(pResult, ' ', '!') as A from  
NetClientAddSingleShift('test.client','TEST','TEST',today(),null,null,null,n
```



```
ull,null,null,null,1,null,null,null,0 );  
expect A=0:~Success;  
select top 1 * from tempshiftplan order by whenentered desc;  
expect VacancyID=TEST,Description=test,TimeFrom=08:00*,TimeTo=16:00*;  
delete from tempshiftplan where vacancyid='TEST';  
*/  
}
```

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