



pears.NetCandidateDiaryAddMultipleEvents



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

Original SQL

```
CREATE PROCEDURE "pears"."NetCandidateDiaryAddMultipleEvents"( IN
"pWebUserID" CHAR(20) DEFAULT NULL,IN "pParamString" long VARCHAR DEFAULT
NULL,IN "pPersonID" CHAR(20) DEFAULT NULL )
RESULT( "pResult" CHAR(250) )
// IQXWeb
BEGIN
  DECLARE "ShiftType" CHAR(10);
  DECLARE "DateOfShift" CHAR(10);
  DECLARE "ShiftTimeFrom" CHAR(10);
  DECLARE "ShiftTimeTo" CHAR(10);
  DECLARE "IDCode" CHAR(20);
  DECLARE "ShiftAction" CHAR(5);
  DECLARE "NoteText" CHAR(255);
  DECLARE "OriginalNoteText" CHAR(255);
  DECLARE "RowCounter" INTEGER;
  DECLARE "FieldIndex" INTEGER;
  DECLARE "ParamString" long VARCHAR;
  DECLARE "CancelReasonID" CHAR(1);
  DECLARE "availID" CHAR(2);
  DECLARE "unAvailID" CHAR(2);
  SET "pPersonID" = "NetCandidateValidPersonID"("pWebUserID","pPersonID");
  IF "pPersonID" IS NULL THEN
    SELECT '99:~Unique candidate link required';
    RETURN
  END IF;
  IF "pParamString" IS NULL THEN
    SELECT '100:~Parameters missing';
    RETURN
  END IF;
  SET "ParamString" = "pParamString";
  SET "RowCounter" = "length"("ParamString");
  SET "CancelReasonID" = 'T';
  while "RowCounter" > 1 loop
    SET "ShiftType" = NULL;
    SET "DateOfShift" = NULL;
```



```
SET "ShiftTimeFrom" = NULL;
SET "ShiftTimeTo" = NULL;
SET "IDCode" = NULL;
SET "ShiftAction" = NULL;
SET "NoteText" = NULL;
SET "FieldIndex" = "charindex('|','ParamString');
SET "ShiftType" = "left"("ParamString","FieldIndex"-1);
SET "ParamString" = "right"("ParamString","length"("ParamString")-
"FieldIndex");
SET "FieldIndex" = "charindex('|','ParamString');
SET "DateOfShift" = "left"("ParamString","FieldIndex"-1);
SET "ParamString" = "right"("ParamString","length"("ParamString")-
"FieldIndex");
SET "FieldIndex" = "charindex('|','ParamString');
SET "ShiftTimeFrom" = "left"("ParamString","FieldIndex"-1);
SET "ParamString" = "right"("ParamString","length"("ParamString")-
"FieldIndex");
SET "FieldIndex" = "charindex('|','ParamString');
SET "ShiftTimeTo" = "left"("ParamString","FieldIndex"-1);
SET "ParamString" = "right"("ParamString","length"("ParamString")-
"FieldIndex");
SET "FieldIndex" = "charindex('|','ParamString');
SET "IDCode" = "left"("ParamString","FieldIndex"-1);
SET "ParamString" = "right"("ParamString","length"("ParamString")-
"FieldIndex");
SET "FieldIndex" = "charindex('|','ParamString');
SET "ShiftAction" = "left"("ParamString","FieldIndex"-1);
SET "ParamString" = "right"("ParamString","length"("ParamString")-
"FieldIndex");
SET "FieldIndex" = "charindex('|','ParamString');
SET "NoteText" = "left"("ParamString","FieldIndex"-1);
SET "ParamString" = "right"("ParamString","length"("ParamString")-
"FieldIndex");
IF "isnull"("DateOfShift",'') <> '' THEN
  IF "DateOfShift" < "today"() THEN
    SELECT '101:~Date of shift is in the past';
    RETURN
  END IF;
  IF "DateOfShift" > "dateadd"("mm",6,"today"()) THEN
    SELECT '102:~Unable to add events more than six months in the
future';
    RETURN
  END IF END IF;
IF "ShiftAction" = '' THEN
  IF "isnull"("DateOfShift",'') = '' THEN
    SELECT '103:~Invalid date';
    RETURN
  END IF;
```



```
IF "substring"("ShiftType",2,1) <> 'W'
AND("isnull"("ShiftTimeFrom",'') = '' OR "isnull"("ShiftTimeTo",'') = '')
THEN
    SELECT '104:~Invalid time';
    RETURN
END IF;
IF "substring"("ShiftType",2,1) = 'W' THEN -- Whole days
    SET "ShiftTimeFrom" = NULL;
    SET "ShiftTimeTo" = NULL
END IF;
SET "ShiftType" = "left"("ShiftType",1);
IF "ShiftType" NOT IN( 'H','A','U','' ) THEN
//Holiday/Available/Unavailable/Other editing
    SELECT '105:~invalid availability type';
    RETURN
END IF;
IF "ShiftType" = 'A' THEN // Remove any overlapping Holiday OR
Unavailability
    DELETE FROM "tempshift" WHERE "personid" = "pPersonID" AND
"shiftdate" BETWEEN "date"("DateOfShift")-1 AND "date"("DateOfShift")+1 AND
"NetShiftDateTime"("shiftdate","timefrom","timeto",'F') <=
"NetShiftDateTime"("DateOfShift","ShiftTimeFrom","ShiftTimeTo",'T') AND
"NetShiftDateTime"("shiftdate","timefrom","timeto",'T') >=
"NetShiftDateTime"("DateOfShift","ShiftTimeFrom","ShiftTimeTo",'F') AND
"state" IN( 'H','U' )
    END IF;
    SET "availID" = NULL;
    SET "unAvailID" = NULL;
    IF "ShiftType" = 'A' THEN
        SET "availID" = "nullif"("trim"("IDCode"),'')
    END IF;
    IF "ShiftType" = 'U' THEN
        SET "unAvailID" = "nullif"("trim"("IDCode"),'')
    END IF END IF;
    SET "OriginalNoteText" = (SELECT "Note" FROM "tempshift" WHERE
"tempshiftid" = "IDCode");
    IF "OriginalNoteText" IS NOT NULL THEN
        SET "OriginalNoteText" = "string"("char"(13),"OriginalNoteText")
    END IF;
    IF "ShiftAction" = 'C' THEN //Cancel
        IF "isnull"("NoteText",'') <> '' THEN
            SET "NoteText" = "string"('cancelled by candidate
',"dateformat"("now",'dd/mm/yyyy'),' ','NoteText',"OriginalNoteText")
        END IF;
        SET "CancelReasonID" = "isnull"((SELECT
"right"("description","length"("description")-
"charindex(':', "description")) FROM "IQXNetSwitch" WHERE "iqxnetswitchid" =
'DEFAULTSHIFTCANCEL'),"CancelReasonID");
```



```
UPDATE "tempshift" SET "state" = "ShiftAction","whencancelled" =
CURRENT_TIMESTAMP,"whocancelled" = "pPersonID","crefill" =
1,"clientconfirmed" = 0,"tempconfirmed" = 1,"cancelreason" =
"CancelReasonID","Note" = "NoteText" WHERE "tempShiftID" = "IDCode" AND
"personid" = "pPersonID" AND "vacancyid" IS NOT NULL;
CALL
"IQXNetRequestAction"("pWebUserID",'CandidateReject','SHIFT',"IDCode")
END IF;
IF "ShiftAction" = 'F' THEN //conFirm
UPDATE "tempshift" SET "tempconfirmed" = 1 WHERE "tempshiftid" =
"IDCode" AND "personid" = "pPersonID" AND "vacancyid" IS NOT NULL;
CALL
"IQXNetRequestAction"("pWebUserID",'CandidateConfirm','SHIFT',"IDCode")
END IF;
IF "ShiftAction" = 'D' THEN //DELETE
DELETE FROM "tempshift" WHERE "tempshiftid" = "IDCode" AND "personid"
= "pPersonID" AND "vacancyid" IS NULL AND "state" IN( 'H','A','U' );
CALL
"IQXNetRequestAction"("pWebUserID",'CandidateDelete','SHIFT',"IDCode")
END IF;
IF "ShiftAction" = '' THEN
INSERT INTO "tempshift"(
"tempshiftid","personid","shiftdate","timefrom","timeto","state","Note","Ava
ilTemplateID","UnavailableReason" ) VALUES(
"uniquekey"("DateOfShift"+"ShiftTimeFrom"),"pPersonID","DateOfShift","ShiftT
imeFrom","ShiftTimeTo","ShiftType","NoteText","availID","unAvailID" )
END IF;
SET "RowCounter" = "length"("ParamString")
END loop;
IF "ShiftAction" = '' THEN
IF("isnull"("WPKMaintainGetSwitchValue"('AVAILCHECKCONTEVENT','','L'),'') <>
'') THEN
CALL "NetCreateAvailabilityContactEvent"("pWebUserID",'Candidate added
availability on the candidate portal.')
END IF END IF;
SELECT '0:~Success'
END /* DOC
```

2018-01-26 PC accept a single string of multiple events, parse it into individual events, and insert, cancel, delete them in tempshift table

2018-04-30 ET removed error trapping for finish time is before end time, as this is not an error if the event spans multiple days

2018-05-16 MHS When entering availability, remove any overlapping holiday or unavailability. Add the UnavailableReason and AvailTemplateID where applicable. Add new tests and leave all working.

2018-06-18 PC modify test routines

2018-07-23 PC IW-603 limit date of event to between today and six months in the future

2018-07-24 PC include improved error handler



2018-10-10 MHS IW-456 multi-cand fix

2020-03-16 GJ Added auto contact even creation when adding availability.

2020-04-23 GJ Fixed an issue where the loop would bomb out.

input string params:

pShiftType H=Holiday, A=Available, U=Unavailable

pDateFrom

pTimeFrom

pTimeTo

pIDCode TempShiftID, in conjunction with pAction

pAction C=Cancel (shift), F=Confirm, D=Delete (non shift), M=Modify (times)

pNote free text

Tests:

null values

pWebUserID valid, string null

pWebUserID valid, pShiftType invalid

pWebUserID valid, date null

pWebUserID valid, times invalid

pWebUserID valid, finish and start times reversed

pWebUserID valid, insert parameters valid

pWebUserID valid, insert for whole day

pWebUserID valid, confirm

pWebUserID valid, cancel

pWebUserID valid, delete

pWebUserID valid, two inserts

*/

/* TEST

delete from tempshift where personid='TEST' or tempshiftid='test';

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

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

select pResult from NetCandidateDiaryAddMultipleEvents(null,null);

expect pResult=99*;

select pResult from

NetCandidateDiaryAddMultipleEvents('test.candidate',null);

expect pResult=100*;

select pResult from

NetCandidateDiaryAddMultipleEvents('test.candidate','Z|2018-01-01|10:00|15:00|||notehere|');

expect pResult=101*;

select pResult from

NetCandidateDiaryAddMultipleEvents('test.candidate','H|||||');

expect pResult=103*;

select pResult from

NetCandidateDiaryAddMultipleEvents('test.candidate','H|2018-01-01|||||');



```
expect pResult=101*;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','H|'+dateformat(today(*)
,'yyyy-mm-dd')+ '|10:00|15:00| |notehere|');
expect pResult=0*;
select top 1 (if shiftdate=today(*) then 1 else 0 endif) as
D,timefrom,timeto,state,note,isnull(cancelreason,'!') as
A,tempconfirmed,isnull(whocancelled,'!') as B,isnull(unavailablereason,'!')
as C from tempshift order by whenentered desc;
expect
D=1,timefrom=10:00*,timeto=15:00*,state=H,note=notehere,A=!,tempconfirmed=0,
B=!,C=!;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','HW|'+dateformat(today(*)
,'yyyy-mm-dd')+ '| | | |notehere|');
expect pResult=0*;
select top 1 (if shiftdate=today(*) then 1 else 0 endif) as F,
isnull(timefrom,'00:01') as A, isnull(timeto,'00:02')as B, state, note,
isnull(cancelreason,'!') as C, tempconfirmed, isnull(whocancelled,'!') as D,
isnull(unavailablereason,'!') as E from tempshift order by whenentered desc;
expect F=1, A=00:01*, B=00:02*, state=H, note=notehere, C=!,
tempconfirmed=0, D=!, E=!;
update tempshift set vacancyid='TEST' where tempshiftid=(select top 1
tempshiftid from tempshift order by whenentered desc);
update tempshift set tempshiftid='testshift' where tempshiftid=(select top 1
tempshiftid from tempshift order by whenentered desc);
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','| | | |testshift|F|noteher
e|');
expect pResult=0*;
select top 1 (if shiftdate=today(*) then 1 else 0 endif) as F,
isnull(timefrom,'00:01') as A, isnull(timeto,'00:03')as B, state, note,
isnull(cancelreason,'!') as C, tempconfirmed, isnull(whocancelled,'!') as D,
isnull(unavailablereason,'!') as E from tempshift order by whenentered desc;
expect F=1, A=00:01*, B=00:03*, state=H, note=notehere, C=!,
tempconfirmed=1, D=!, E=!;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','| | | |testshift|C|noteher
e|');
expect pResult=0*;
select top 1 (if shiftdate=today(*) then 1 else 0 endif) as
F,isnull(timefrom,'00:01') as A, isnull(timeto,'00:04')as B, state, note,
isnull(cancelreason,'!') as C, tempconfirmed, isnull(whocancelled,'!') as D,
isnull(unavailablereason,'!') as E from tempshift order by whenentered desc;
expect F=1, A=00:01*, B=00:04*, state=C, note=cancelled*, tempconfirmed=1,
D=TEST, E=!;
update tempshift set vacancyid=null,state='H' where tempshiftid='testshift';
select pResult from
```



```
NetCandidateDiaryAddMultipleEvents('test.candidate','||||testshift|D|notehere|');
expect pResult=0*;
select top 1 shiftdate, isnull(timefrom,'00:01') as A,
isnull(timeto,'00:05') as B, state, note, isnull(cancelreason,'!') as C,
tempconfirmed, isnull(whocancelled,'!') as D, isnull(unavailablereason,'!')
as E from tempshift where tempshiftid='testshift' order by whenentered desc;
expect EOF;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','A|'+dateformat(today(*),
'yyyy-mm-dd')+ '|10:00|15:00| ||notehereA|U|'+dateformat(today(*), 'yyyy-mm-
dd')+ '|15:00|18:00| ||notehereB|');
expect pResult=0*;
select top 2 (if shiftdate=today(*) then 1 else 0 endif) as F, timefrom,
timeto, state, note, isnull(cancelreason,'!') as A, tempconfirmed,
isnull(whocancelled,'!') as B, isnull(unavailablereason,'!') as C from
tempshift order by whenentered desc;
expect F=1, timefrom=15:00*, timeto=18:00*, state=U, note=notehereB, A=!,
tempconfirmed=0, B=!, C=!;
expect F=1, timefrom=10:00*, timeto=15:00*, state=A, note=notehereA, A=!,
tempconfirmed=0, B=!, C=!;
insert into tempshift (tempshiftid,state,personid,shiftdate) values
('testaholiday','H','TEST','2003-12-25');
select * from tempshift where tempshiftid='testaholiday';
expect personid=TEST;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','A|2003-12-24|22:00|06:0
0| ||notehere|');
expect pResult=101*;
select * from tempshift where tempshiftid='testaholiday';
expect TempShiftID=testaholiday;
delete from tempshift where personid='TEST' or tempshiftid='test';
```

```
*/
```

```
GO
```

```
COMMENT TO PRESERVE FORMAT ON PROCEDURE
```

```
"pears"."NetCandidateDiaryAddMultipleEvents" IS
```

```
{CREATE PROCEDURE pears."NetCandidateDiaryAddMultipleEvents"(IN pWebUserID
CHAR(20) DEFAULT NULL,IN pParamString long VARCHAR DEFAULT NULL, pPersonID
CHAR(20) DEFAULT NULL)
```

```
RESULT(pResult CHAR(250))
```

```
// IQXWeb
```

```
BEGIN
```

```
    DECLARE ShiftType CHAR(10);
```

```
    DECLARE DateOfShift CHAR(10);
```

```
    DECLARE ShiftTimeFrom CHAR(10);
```

```
    DECLARE ShiftTimeTo CHAR(10);
```



```
DECLARE IDCode CHAR(20);
DECLARE ShiftAction CHAR(5);
DECLARE NoteText CHAR(255);
DECLARE OriginalNoteText CHAR(255);
DECLARE RowCounter INTEGER;
DECLARE FieldIndex INTEGER;
DECLARE ParamString long VARCHAR;
DECLARE CancelReasonID CHAR(1);
DECLARE availID CHAR(2);
DECLARE unAvailID CHAR(2);

SET pPersonID=NetCandidateValidPersonID(pWebUserID,pPersonID);
IF pPersonID IS NULL THEN
    SELECT '99:~Unique candidate link required';
    RETURN;
END IF;

IF pParamString IS NULL THEN
    SELECT '100:~Parameters missing';
    RETURN
END IF;

SET ParamString=pParamString;
SET RowCounter=LENGTH(ParamString);
SET CancelReasonID = 'T';

while RowCounter > 1 loop
    SET ShiftType=NULL;
    SET DateOfShift=NULL;
    SET ShiftTimeFrom=NULL;
    SET ShiftTimeTo=NULL;
    SET IDCode=NULL;
    SET ShiftAction=NULL;
    SET NoteText=NULL;

    SET FieldIndex=charindex('|',ParamString);
    SET ShiftType=LEFT(ParamString,FieldIndex-1);
    SET ParamString=RIGHT(ParamString,LENGTH(ParamString)-FieldIndex);

    SET FieldIndex=charindex('|',ParamString);
    SET DateOfShift=LEFT(ParamString,FieldIndex-1);
    SET ParamString=RIGHT(ParamString,LENGTH(ParamString)-FieldIndex);

    SET FieldIndex=charindex('|',ParamString);
    SET ShiftTimeFrom=LEFT(ParamString,FieldIndex-1);
    SET ParamString=RIGHT(ParamString,LENGTH(ParamString)-FieldIndex);

    SET FieldIndex=charindex('|',ParamString);
```




```
SET ShiftTimeTo=LEFT(ParamString,FieldIndex-1);
SET ParamString=RIGHT(ParamString,LENGTH(ParamString)-FieldIndex);

SET FieldIndex=charindex('|',ParamString);
SET IDCode=LEFT(ParamString,FieldIndex-1);
SET ParamString=RIGHT(ParamString,LENGTH(ParamString)-FieldIndex);

SET FieldIndex=charindex('|',ParamString);
SET ShiftAction=LEFT(ParamString,FieldIndex-1);
SET ParamString=RIGHT(ParamString,LENGTH(ParamString)-FieldIndex);

SET FieldIndex=charindex('|',ParamString);
SET NoteText=LEFT(ParamString,FieldIndex-1);
SET ParamString=RIGHT(ParamString,LENGTH(ParamString)-FieldIndex);

IF isnull(DateOfShift,'') !='' THEN
    IF DateOfShift < today(*) THEN
        SELECT '101:~Date of shift is in the past';
        RETURN
    END IF;

    IF DateOfShift > dateadd(mm,6,today(*)) THEN
        SELECT '102:~Unable to add events more than six months in
the future';
        RETURN
    END IF;
END IF;
IF ShiftAction = '' THEN
    IF isnull(DateOfShift,'') ='' THEN
        SELECT '103:~Invalid date';
        RETURN
    END IF;
    IF SUBSTRING(ShiftType,2,1) != 'W' AND
(isnull(ShiftTimeFrom,'')='' OR isnull(ShiftTimeTo,'')=') THEN
        SELECT '104:~Invalid time';
        RETURN
    END IF;

    IF SUBSTRING(ShiftType,2,1) = 'W' THEN -- Whole days
        SET ShiftTimeFrom=NULL;
        SET ShiftTimeTo=NULL
    END IF;
    SET ShiftType="left"(ShiftType,1);

    IF ShiftType NOT IN( 'H','A','U','') THEN
//Holiday/Available/Unavailable/Other editing
        SELECT '105:~invalid availability type';
        RETURN
    END IF;
```



```
END IF;

IF ShiftType='A' THEN // Remove any overlapping Holiday OR
Unavailability
DELETE FROM tempshift WHERE personid=pPersonID AND shiftdate
BETWEEN DATE(DateOfShift)-1 AND DATE(DateOfShift)+1 AND
NetShiftDateTime(shiftdate,timefrom,timeto,'F') <=
NetShiftDateTime(DateOfShift,ShiftTimeFrom,ShiftTimeTo,'T') AND
NetShiftDateTime(shiftdate,timefrom,timeto,'T') >=
NetShiftDateTime(DateOfShift,ShiftTimeFrom,ShiftTimeTo,'F') AND state IN
('H','U');
END IF;

SET availID=NULL;
SET unAvailID=NULL;
IF ShiftType='A' THEN
SET availID=NULLIF(TRIM(IDCode),'')
END IF;
IF ShiftType='U' THEN
SET unAvailID=NULLIF(TRIM(IDCode),'')
END IF;

END IF;

SET OriginalNoteText=(SELECT Note FROM tempshift WHERE
tempshiftid=IDCode);
IF OriginalNoteText IS NOT NULL THEN
SET OriginalNoteText=string(CHAR(13),OriginalNoteText);
END IF;

IF ShiftAction = 'C' THEN //Cancel
IF isnull(NoteText,'') != '' THEN
SET NoteText=string('cancelled by candidate
',dateformat(now(*),'dd/mm/yyyy'),' ',NoteText,OriginalNoteText);
END IF;
SET CancelReasonID=isnull((SELECT
RIGHT(description,LENGTH(description)-charindex(':',description)) FROM
IQXNetSwitch WHERE iqxnetswitchid='DEFAULTSHIFTCANCEL'),CancelReasonID);
UPDATE tempshift SET state = ShiftAction,whencancelled = CURRENT
TIMESTAMP,whocancelled = pPersonID,crefill = 1,clientconfirmed =
0,tempconfirmed = 1,cancelreason = CancelReasonID, Note=NoteText WHERE
tempShiftID = IDCode AND personid = pPersonID AND vacancyid IS NOT NULL;
CALL
IQXNetRequestAction(pWebUserID,'CandidateReject','SHIFT',IDCode);
END IF;
IF ShiftAction = 'F' THEN //conFirm
UPDATE tempshift SET tempconfirmed = 1 WHERE tempshiftid =
IDCode AND personid = pPersonID AND vacancyid IS NOT NULL;
```



```
CALL
IQXNetRequestAction(pWebUserID, 'CandidateConfirm', 'SHIFT', IDCode);
END IF;
IF ShiftAction = 'D' THEN //DELETE
    DELETE FROM tempshift WHERE tempshiftid = IDCode AND personid =
pPersonID AND vacancyid IS NULL AND state IN( 'H','A','U') ;
    CALL
IQXNetRequestAction(pWebUserID, 'CandidateDelete', 'SHIFT', IDCode);
END IF;
IF ShiftAction = '' THEN
    INSERT INTO tempshift(
tempshiftid, personid, shiftdate, timefrom, timeto, state, Note, AvailTemplateID, Un
availableReason) VALUES(
uniquekey(DateOfShift+ShiftTimeFrom), pPersonID, DateOfShift, ShiftTimeFrom, Shi
ftTimeTo, ShiftType, NoteText, availID, unAvailID);
END IF;

SET RowCounter=LENGTH(ParamString);
END loop;
IF ShiftAction = '' THEN
    IF(isnull(WPKMaintainGetSwitchValue('AVAILCHECKCONTEVENT', '',
'L'), '') <> '') THEN
        CALL NetCreateAvailabilityContactEvent(pWebUserID,
'Candidate added availability on the candidate portal.');
```

/* DOC

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2018-10-10 MHS IW-456 multi-cand fix

2020-03-16 GJ Added auto contact even creation when adding availability.

2020-04-23 GJ Fixed an issue where the loop would bomb out.

input string params:

pShiftType H=Holiday, A=Available, U=Unavailable

pDateFrom



```
pTimeFrom
pTimeTo
pIDCode      TempShiftID, in conjunction with pAction
pAction      C=Cancel (shift), F=Confirm, D=Delete (non shift), M=Modify
(times)
pNote        free text
```

Tests:

```
    null values
    pWebUserID valid, string null
    pWebUserID valid, pShiftType invalid
    pWebUserID valid, date null
    pWebUserID valid, times invalid
    pWebUserID valid, finish and start times reversed
    pWebUserID valid, insert parameters valid
    pWebUserID valid, insert for whole day
    pWebUserID valid, confirm
    pWebUserID valid, cancel
    pWebUserID valid, delete
    pWebUserID valid, two inserts
*/

/* TEST
delete from tempshift where personid='TEST' or tempshiftid='test';
update iqxnetuserlink set employmentid=null where IQXNetUserLinkID in
('test.client','test.agency','test.candidate','test.owner');
update iqxnetuserlink set employmentid='TEST' where
IQXNetUserLinkID='test.candidate';
select pResult from NetCandidateDiaryAddMultipleEvents(null,null);
expect pResult=99*;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate',null);
expect pResult=100*;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','Z|2018-01-01|10:00|15:0
0|||notehere|');
expect pResult=101*;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','H|||||');
expect pResult=103*;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','H|2018-01-01|||||');
expect pResult=101*;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','H|'+dateformat(today(*)
,'yyyy-mm-dd')+ '|10:00|15:00|||notehere|');
expect pResult=0*;
select top 1 (if shiftdate=today(*) then 1 else 0 endif) as
```



```
D,timefrom,timeto,state,note,isnull(cancelreason,'!') as
A,tempconfirmed,isnull(whocancelled,'!') as B,isnull(unavailablereason,'!')
as C from tempshift order by whenentered desc;
expect
D=1,timefrom=10:00*,timeto=15:00*,state=H,note=notehere,A=!,tempconfirmed=0,
B=!,C=!;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','HW|'+dateformat(today(*
),'yyyy-mm-dd')+ '||||notehere|');
expect pResult=0*;
select top 1 (if shiftdate=today(*) then 1 else 0 endif) as F,
isnull(timefrom,'00:01') as A, isnull(timeto,'00:02')as B, state, note,
isnull(cancelreason,'!') as C, tempconfirmed, isnull(whocancelled,'!') as D,
isnull(unavailablereason,'!') as E from tempshift order by whenentered desc;
expect F=1, A=00:01*, B=00:02*, state=H, note=notehere, C=!,
tempconfirmed=0, D=!, E=!;
update tempshift set vacancyid='TEST' where tempshiftid=(select top 1
tempshiftid from tempshift order by whenentered desc);
update tempshift set tempshiftid='testshift' where tempshiftid=(select top 1
tempshiftid from tempshift order by whenentered desc);
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','||||testshift|F|noteher
e|');
expect pResult=0*;
select top 1 (if shiftdate=today(*) then 1 else 0 endif) as F,
isnull(timefrom,'00:01') as A, isnull(timeto,'00:03')as B, state, note,
isnull(cancelreason,'!') as C, tempconfirmed, isnull(whocancelled,'!') as D,
isnull(unavailablereason,'!') as E from tempshift order by whenentered desc;
expect F=1, A=00:01*, B=00:03*, state=H, note=notehere, C=!,
tempconfirmed=1, D=!, E=!;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','||||testshift|C|noteher
e|');
expect pResult=0*;
select top 1 (if shiftdate=today(*) then 1 else 0 endif) as
F,isnull(timefrom,'00:01') as A, isnull(timeto,'00:04')as B, state, note,
isnull(cancelreason,'!') as C, tempconfirmed, isnull(whocancelled,'!') as D,
isnull(unavailablereason,'!') as E from tempshift order by whenentered desc;
expect F=1, A=00:01*, B=00:04*, state=C, note=cancelled*, tempconfirmed=1,
D=TEST, E=!;
update tempshift set vacancyid=null,state='H' where tempshiftid='testshift';
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','||||testshift|D|noteher
e|');
expect pResult=0*;
select top 1 shiftdate, isnull(timefrom,'00:01') as A,
isnull(timeto,'00:05')as B, state, note, isnull(cancelreason,'!') as C,
tempconfirmed, isnull(whocancelled,'!') as D, isnull(unavailablereason,'!')
```



```
as E from tempshift where tempshiftid='testshift' order by whenentered desc;
expect EOF;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','A|'+dateformat(today(*),
'yyyy-mm-dd')+ '|10:00|15:00| ||notehereA|U|'+dateformat(today(*), 'yyyy-mm-
dd')+ '|15:00|18:00| ||notehereB|');
expect pResult=0*;
select top 2 (if shiftdate=today(*) then 1 else 0 endif) as F, timefrom,
timeto, state, note, isnull(cancelreason,'!') as A, tempconfirmed,
isnull(whocancelled,'!') as B, isnull(unavailablereason,'!') as C from
tempshift order by whenentered desc;
expect F=1, timefrom=15:00*, timeto=18:00*, state=U, note=notehereB, A=!,
tempconfirmed=0, B=!, C=!;
expect F=1, timefrom=10:00*, timeto=15:00*, state=A, note=notehereA, A=!,
tempconfirmed=0, B=!, C=!;
insert into tempshift (tempshiftid,state,personid,shiftdate) values
('testaholiday','H','TEST','2003-12-25');
select * from tempshift where tempshiftid='testaholiday';
expect personid=TEST;
select pResult from
NetCandidateDiaryAddMultipleEvents('test.candidate','A|2003-12-24|22:00|06:0
0| ||notehere|');
expect pResult=101*;
select * from tempshift where tempshiftid='testaholiday';
expect TempShiftID=testaholiday;
delete from tempshift where personid='TEST' or tempshiftid='test';

*/
}
```

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

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Last update: **2026/08/07 19:24**

