



pears.iqacInvoiceOneTimesheet



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

Original SQL

```
CREATE PROCEDURE "pears"."iqacInvoiceOneTimesheet"(  
  /* Application Maintained Function / Procedure - DO NOT EDIT*/  
  IN "ptsid" CHAR(20),IN "pDocDate" DATE,IN "pcoid" CHAR(20),IN "pacccode"  
  CHAR(12),IN "ptheirref" CHAR(50),IN "pperiod" INTEGER,  
  IN "pnetcharge" DOUBLE,IN "pinvcount" INTEGER,IN "puncommittedcount"  
  INTEGER,IN "pdocid" CHAR(8),OUT "oResult" CHAR(250),OUT "ocoid" CHAR(20),OUT  
  "oacccode" CHAR(12),OUT "otheirref" CHAR(50),  
  OUT "operiod" INTEGER,OUT "onetcharge" DOUBLE,OUT "oinvcount" INTEGER,OUT  
  "ouncommittedcount" INTEGER,  
  OUT "odocid" CHAR(8) DEFAULT NULL )  
BEGIN  
  DECLARE "res" CHAR(250);  
  DECLARE "invaddres" INTEGER;  
  -- invoice finish checks  
  DECLARE "currentcompanyid" CHAR(20);  
  DECLARE "currentaccountcode" CHAR(12);  
  DECLARE "currenttheirref" CHAR(50);  
  DECLARE "currentperiod" INTEGER;  
  DECLARE "netcharge" DOUBLE;  
  -- company fields  
  DECLARE "erni" INTEGER;  
  DECLARE "vate" INTEGER;  
  DECLARE "fni" DOUBLE;  
  DECLARE "fwtr" DOUBLE;  
  -- ts line items  
  DECLARE "vrate" DOUBLE;  
  DECLARE "nrechargeni" DOUBLE;  
  DECLARE "nfixedni" DOUBLE;  
  DECLARE "nfixedwtr" DOUBLE;  
  DECLARE "nominal2" CHAR(20);  
  DECLARE "vcode2" CHAR(3);  
  DECLARE "descrip2" long VARCHAR;  
  -- ts items  
  DECLARE "taxtype" INTEGER;  
  DECLARE "holallow" INTEGER;
```



```
CALL
"iqacStartNewInvoice"("ptsid","pcoid","pacccode","ptheirref","pperiod","pnet
charge","res","ocoid","oacccode","otheirref","operiod","onetcharge");
IF "left"("res",1) = '1' THEN
  -- if new inv :- inc invcount, set uncommitted = 0, start new invoice,
  IF "puncommittedcount" > 0 THEN -- here be bugs
    CALL
    "iqacDocumentFinish"("pdocid","ptsid","pDocDate","pacccode","invaddres")
    ELSE SET "invaddres" = 0
    END IF;
    SET "ouncommittedcount" = 1;
    SET "oinvcount" = "pinvcount"+"invaddres";
    CALL
    "iqacDocumentStart"("otheirref","oacccode","ptsID","pDocDate","Res","odocid"
)
  ELSE
    SET "ouncommittedcount" = "puncommittedcount"+1;
    SET "oinvcount" = "pinvcount";
    SET "odocid" = "pdocid"
  END IF;
  SELECT
  "isnull"("ernioninvoice",0),"isnull"("vatexempt",0),"isnull"("fixedni",0.0),
  "isnull"("fixedwtr",0.0) INTO "erni","vate","fni","fwtr" FROM
  "companyaccount" WHERE "companyid" = "ocoid";
  SELECT
  "isnull"("temptimesheet"."taxmethod","pay_employee"."taxmethod"),"isnull"(CA
ST("holidaypaystatus" AS VARCHAR(1)),
  "tempholidaycalc"("temptimesheet"."personid","truncnum"("period"/100,0),"rem
ainder"("period",100),-1)) INTO "taxtype","holallow" FROM "temptimesheet"
KEY JOIN "person" KEY JOIN "pay_employee" WHERE "temptimesheetid" = "ptsid";
  -- loop over lines
  FOR "timesheetlines" AS "tslcursor" no scroll cursor FOR
    SELECT "l"."linenumber",
      "l"."unitscharged",
      "l"."chargerate",
      "round"(("l"."unitscharged"*"l"."chargerate"),2) AS "charge",
      ("l"."unitspaid"*"l"."payrate") AS "pay",
      "nominalfortimesheetline"("l"."temptimesheetlineid") AS "nominal",
      "descriptionfortimesheetline"("l"."temptimesheetlineid") AS "descrip",
      "vatcodefortimesheetline"("l"."temptimesheetlineid") AS "vcode",
      "l"."temptimesheetlineid",
      "b"."unit",
      "isnull"("b"."niexempt",0) AS "niexempt",
      "isnull"("b"."IncludeInHolidayPay",0) AS "IncludeInHolidayPay"
    FROM "temptimesheetline" AS "l" KEY JOIN "temppayband" AS "b"
    WHERE "l"."temptimesheetid" = "ptsid"
    AND "charge" <> 0.0
    ORDER BY "l"."linenumber" ASC FOR READ ONLY
```



```
do -- invoice a line (pdocid)
  SET "vcode2" = "vcode";
  IF "isnull"("vcode2",'') = '' THEN
    IF "vate" = 1 THEN
      SET "vcode2" = 'X'
    ELSE
      SET "vcode2" = 'S'
    END IF END IF;
  SELECT "vatrate" INTO "vrate" FROM "iqacvatrate" WHERE "vatcode" =
"vcode2";
  CALL "iqacCreateNominal"("nominal",'P','Temp timesheet revenue
'+"nominal",'Sales','NoAccount',NULL,NULL,"res");
  CALL
"iqacPostJournalLine"("odocid","nominal","descrip","vcode2","temptimesheetli
neid",'',"chargerate","vrate","unitscharged","pdocdate","unit",'T','InvoiceG
oods');
  -- erni recharge per ts line
  IF("erni" = 1) AND("taxtype" = 1) THEN
    SELECT "round"("accordernitimesheet"("ptsid","temptimesheetlineid"),2)
INTO "nrechargeni";
    IF "nrechargeni" <> 0.0 THEN
      SELECT
"ValuesForInvoiceNIREchargeLine"("ptsid","temptimesheetlineid",'N') INTO
"nominal2";
      SELECT
"ValuesForInvoiceNIREchargeLine"("ptsid","temptimesheetlineid",'V') INTO
"vcode2";
      SELECT
"ValuesForInvoiceNIREchargeLine"("ptsid","temptimesheetlineid",'D') INTO
"descrip2";
      IF "isnull"("vcode2",'') = '' THEN
        IF "vate" = 1 THEN
          SET "vcode2" = 'X'
        ELSE
          SET "vcode2" = 'S'
        END IF END IF;
      SELECT "vatrate" INTO "vrate" FROM "iqacvatrate" WHERE "vatcode" =
"vcode2";
      CALL "iqacCreateNominal"("nominal2",'P','Temp timesheet revenue
'+"nominal2",'Sales','NoAccount',NULL,NULL,"res");
      CALL
"iqacpostjournalline"("odocid","nominal2","descrip2","vcode2","temptimesheet
lineid",'',"nrechargeni","vrate",1,"pdocdate",'','I','InvoiceGoods')
      END IF END IF;
  -- fixed ni
  IF("erni" <> 1) AND("fni" <> 0.0) AND("niexempt" = 0) AND("pay" <> 0.0)
AND("Taxtype" = 1) THEN
    SET "nfixedni" = "round"("pay"*"fni"/100,2);
```



```
SELECT
"ValuesForInvoiceFixedNLine"("ptsid","temptimesheetlineid",'N') INTO
"nominal2";
SELECT
"ValuesForInvoiceFixedNLine"("ptsid","temptimesheetlineid",'V') INTO
"vcode2";
SELECT
"ValuesForInvoiceFixedNLine"("ptsid","temptimesheetlineid",'D') INTO
"descrip2";
IF "isnull"("vcode2",'') = '' THEN
  IF "vate" = 1 THEN
    SET "vcode2" = 'X'
  ELSE
    SET "vcode2" = 'S'
  END IF END IF;
SELECT "vatrate" INTO "vrate" FROM "iqacvatrate" WHERE "vatcode" =
"vcode2";
CALL "iqacCreateNominal"("nominal2",'P','Temp timesheet revenue
'+"nominal2",'Sales','NoAccount',NULL,NULL,"res");
CALL
"iqacpostjournalline"("odocid","nominal2","descrip2","vcode2","temptimesheet
lineid",'',"nfixedni","vrate",1,"pdocdate",'','F','InvoiceGoods')
END IF;
-- fixed wtr
IF("fwtr" <> 0.0) AND("IncludeInHolidayPay" = 1) AND("pay" <> 0.0)
AND("Taxtype" = 1) AND("holallow" = 1) THEN
  SET "nfixedwtr" = "round"("pay"*"fwtr"/100,2);
SELECT
"ValuesForInvoiceFixedWTRLLine"("ptsid","temptimesheetlineid",'N') INTO
"nominal2";
SELECT
"ValuesForInvoiceFixedWTRLLine"("ptsid","temptimesheetlineid",'V') INTO
"vcode2";
SELECT
"ValuesForInvoiceFixedWTRLLine"("ptsid","temptimesheetlineid",'D') INTO
"descrip2";
IF "isnull"("vcode2",'') = '' THEN
  IF "vate" = 1 THEN
    SET "vcode2" = 'X'
  ELSE
    SET "vcode2" = 'S'
  END IF END IF;
SELECT "vatrate" INTO "vrate" FROM "iqacvatrate" WHERE "vatcode" =
"vcode2";
CALL "iqacCreateNominal"("nominal2",'P','Temp timesheet revenue
'+"nominal2",'Sales','NoAccount',NULL,NULL,"res");
CALL
"iqacpostjournalline"("odocid","nominal2","descrip2","vcode2","ptsid",'',"nf
```



```
ixedwtr","vrate",1,"pdocdate",'','W','InvoiceGoods')
    END IF END FOR;
-- ni recharge by timesheet
IF("erni" = 1) AND("Taxtype" = 1) THEN
    SELECT "round"("accordernitimesheet"("ptsid",''),2) INTO "nrechargeni";
    IF "nrechargeni" <> 0.0 THEN
        SELECT "ValuesForInvoiceNIREchargeLine"("ptsid",'','N') INTO
"nominal2";
        SELECT "ValuesForInvoiceNIREchargeLine"("ptsid",'','V') INTO "vcode2";
        SELECT "ValuesForInvoiceNIREchargeLine"("ptsid",'','D') INTO
"descrip2";
        IF "isnull"("vcode2",'') = '' THEN
            IF "vate" = 1 THEN
                SET "vcode2" = 'X'
            ELSE
                SET "vcode2" = 'S'
            END IF END IF;
        SELECT "vatrate" INTO "vrate" FROM "iqacvatrate" WHERE "vatcode" =
"vcode2";
        CALL "iqacCreateNominal"("nominal2",'P','Temp timesheet revenue
'+ "nominal2",'Sales','NoAccount',NULL,NULL,"res");
        CALL
"iqacpostjournalline"("odocid","nominal2","descrip2","vcode2","temptimesheet
lineid",'','nrechargeni","vrate",1,"pdocdate",'','N','InvoiceGoods')
    END IF END IF;
    UPDATE "temptimesheet" SET "billed" = 1 WHERE "temptimesheetid" = "ptsid"
exception
    WHEN others THEN
        ROLLBACK WORK
END
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."iqacInvoiceOneTimesheet" IS
{CREATE PROCEDURE iqacInvoiceOneTimesheet

/* Application Maintained Function / Procedure - DO NOT EDIT*/

(IN ptsid CHAR(20),IN pDocDate DATE,IN pcoid CHAR(20),IN pacccode
CHAR(12),IN ptheirref CHAR(50),IN pperiod INTEGER,
    IN pnetcharge DOUBLE,IN pinvcount INTEGER,IN puncommittedcount INTEGER,IN
pdocid CHAR(8),OUT oResult CHAR(250),OUT ocoid CHAR(20),OUT oacccode
CHAR(12),OUT otheirref CHAR(50),
    OUT operiod INTEGER,OUT onetcharge DOUBLE,OUT oinvcount INTEGER,OUT
ouncommittedcount INTEGER,OUT odocid CHAR(8) DEFAULT
NULL)
BEGIN
    DECLARE res CHAR(250);
    DECLARE invaddres INTEGER;
```



```
-- invoice finish checks
DECLARE currentcompanyid CHAR(20);
DECLARE currentaccountcode CHAR(12);
DECLARE currenttheirref CHAR(50);
DECLARE currentperiod INTEGER;
DECLARE netcharge DOUBLE;
-- company fields
DECLARE erni INTEGER;
DECLARE vate INTEGER;
DECLARE fni DOUBLE;
DECLARE fwtr DOUBLE;
-- ts line items
DECLARE vrate DOUBLE;
DECLARE nrechargeni DOUBLE;
DECLARE nfixedni DOUBLE;
DECLARE nfixedwtr DOUBLE;
DECLARE nominal2 CHAR(20);
DECLARE vcode2 CHAR(3);
DECLARE descrip2 long VARCHAR;
-- ts items
DECLARE taxtype INTEGER;
DECLARE holallow INTEGER;
CALL
iqacStartNewInvoice(ptsid,pcoid,pacccode,ptheirref,pperiod,pnetcharge,res,oc
oid,oacccode,otheirref,operiod,onetcharge);
IF "left"(res,1) = '1' THEN
  -- if new inv :- inc invcount, set uncommitted = 0, start new invoice,
  IF puncommittedcount > 0 THEN -- here be bugs
    CALL iqacDocumentFinish(pdoid,ptsid,pDocDate,pacccode,invaddres)
  ELSE SET invaddres=0
  END IF;
  SET onuncommittedcount=1;
  SET oinvcount=pinvcount+invaddres;
  CALL iqacDocumentStart(otheirref,oacccode,ptsID,pDocDate,Res,odocid)
ELSE
  SET onuncommittedcount=puncommittedcount+1;
  SET oinvcount=pinvcount;
  SET odocid=pdoid
END IF;
SELECT
isnull(ernioninvoice,0),isnull(vatexempt,0),isnull(fixedni,0.0),isnull(fixed
wtr,0.0) INTO erni,vate,fni,fwtr FROM companyaccount WHERE companyid =
ocoid;
SELECT
isnull(temptimesheet.taxmethod,pay_employee.taxmethod),isnull(CAST(holidaypa
ystatus AS VARCHAR(1)),
tempholidaycalc(temptimesheet.personid,truncnum(period/100,0),remainder(peri
od,100),-1)) INTO taxtype,holallow FROM temptimesheet KEY JOIN person KEY
```



```
JOIN pay_employee WHERE temptimesheetid = ptsid;
-- loop over lines
FOR timesheetlines AS tslcursor no scroll cursor FOR
  SELECT l.linenummer,
    l.unitscharged,
    l.chargerate,
    round((l.unitscharged*l.chargerate),2) AS charge,
    (l.unitspaid*l.payrate) AS pay,
    nominalfortimesheetline(l.temptimesheetlineid) AS nominal,
    descriptionfortimesheetline(l.temptimesheetlineid) AS descrip,
    vatcodefortimesheetline(l.temptimesheetlineid) AS vcode,
    l.temptimesheetlineid,
    b.unit,
    isnull(b.niexempt,0) AS niexempt,
    isnull(b.IncludeInHolidayPay,0) AS IncludeInHolidayPay FROM
    temptimesheetline AS l KEY JOIN temppayband AS b WHERE
    l.temptimesheetid = ptsid AND
    charge <> 0.0 ORDER BY
    l.linenummer ASC FOR READ ONLY do
  -- invoice a line (pdocid)
  SET vcode2=vcode;
  IF isnull(vcode2,'') = '' THEN
    IF vate = 1 THEN
      SET vcode2='X'
    ELSE
      SET vcode2='S'
    END IF
  END IF;
  SELECT vatrate INTO vrate FROM iqacvatrate WHERE vatcode = vcode2;
  CALL iqacCreateNominal(nominal,'P','Temp timesheet revenue
'+nominal,'Sales','NoAccount',NULL,NULL,res);
  CALL
iqacPostJournalLine(odocid,nominal,descrip,vcode2,temptimesheetlineid,'',cha
rgerate,vrate,unitscharged,pdocdate,unit,'T','InvoiceGoods');
  -- erni recharge per ts line
  IF(erni = 1) AND(taxtype = 1) THEN
    SELECT round(accordernitimesheet(ptsid,temptimesheetlineid),2) INTO
nrechargeni;
    IF nrechargeni <> 0.0 THEN
      SELECT ValuesForInvoiceNIREchargeLine(ptsid,temptimesheetlineid,'N')
INTO nominal2;
      SELECT ValuesForInvoiceNIREchargeLine(ptsid,temptimesheetlineid,'V')
INTO vcode2;
      SELECT ValuesForInvoiceNIREchargeLine(ptsid,temptimesheetlineid,'D')
INTO descrip2;
      IF isnull(vcode2,'') = '' THEN
        IF vate = 1 THEN
          SET vcode2='X'
```



```
        ELSE
            SET vcode2='S'
        END IF
    END IF;
    SELECT vatrate INTO vrate FROM iqacvatrate WHERE vatcode = vcode2;
    CALL iqacCreateNominal(nominal2,'P','Temp timesheet revenue
'+nominal2,'Sales','NoAccount',NULL,NULL,res);
    CALL
iqacpostjournalline(odocid,nominal2,descrip2,vcode2,temptimesheetlineid','',n
rechargeni,vrate,1,pdocdate,'','I','InvoiceGoods')
    END IF
END IF;
-- fixed ni
IF(erni <> 1) AND(fni <> 0.0) AND(niexempt = 0) AND(pay <> 0.0)
AND(Taxtype = 1) THEN
    SET nfixedni=round(pay*fni/100,2);
    SELECT ValuesForInvoiceFixedNILine(ptsid,temptimesheetlineid,'N') INTO
nominal2;
    SELECT ValuesForInvoiceFixedNILine(ptsid,temptimesheetlineid,'V') INTO
vcode2;
    SELECT ValuesForInvoiceFixedNILine(ptsid,temptimesheetlineid,'D') INTO
descrip2;
    IF isnull(vcode2,'') = '' THEN
        IF vate = 1 THEN
            SET vcode2='X'
        ELSE
            SET vcode2='S'
        END IF
    END IF;
    SELECT vatrate INTO vrate FROM iqacvatrate WHERE vatcode = vcode2;
    CALL iqacCreateNominal(nominal2,'P','Temp timesheet revenue
'+nominal2,'Sales','NoAccount',NULL,NULL,res);
    CALL
iqacpostjournalline(odocid,nominal2,descrip2,vcode2,temptimesheetlineid','',n
fixedni,vrate,1,pdocdate,'','F','InvoiceGoods')
    END IF;
-- fixed wtr
IF(fwtr <> 0.0) AND(IncludeInHolidayPay = 1) AND(pay <> 0.0) AND(Taxtype
= 1) AND(holallow = 1) THEN
    SET nfixedwtr=round(pay*fwtr/100,2);
    SELECT ValuesForInvoiceFixedWTRLLine(ptsid,temptimesheetlineid,'N')
INTO nominal2;
    SELECT ValuesForInvoiceFixedWTRLLine(ptsid,temptimesheetlineid,'V')
INTO vcode2;
    SELECT ValuesForInvoiceFixedWTRLLine(ptsid,temptimesheetlineid,'D')
INTO descrip2;
    IF isnull(vcode2,'') = '' THEN
        IF vate = 1 THEN
```



```
        SET vcode2='X'
    ELSE
        SET vcode2='S'
    END IF
END IF;
SELECT vatrate INTO vrate FROM iqacvatrate WHERE vatcode = vcode2;
CALL iqacCreateNominal(nominal2,'P','Temp timesheet revenue
'+nominal2,'Sales','NoAccount',NULL,NULL,res);
CALL
iqacpostjournalline(odocid,nominal2,descrip2,vcode2,ptsid','',nfixedwtr,vrate
,1,pdocdate','', 'W','InvoiceGoods')
END IF END FOR;
-- ni recharge by timesheet
IF(erni = 1) AND(Taxtype = 1) THEN
    SELECT round(accordernitimesheet(ptsid,''),2) INTO nrechargeni;
    IF nrechargeni <> 0.0 THEN
        SELECT ValuesForInvoiceNIREchargeLine(ptsid,'','N') INTO nominal2;
        SELECT ValuesForInvoiceNIREchargeLine(ptsid,'','V') INTO vcode2;
        SELECT ValuesForInvoiceNIREchargeLine(ptsid,'','D') INTO descrip2;
        IF isnull(vcode2,'') = '' THEN
            IF vate = 1 THEN
                SET vcode2='X'
            ELSE
                SET vcode2='S'
            END IF
        END IF;
        SELECT vatrate INTO vrate FROM iqacvatrate WHERE vatcode = vcode2;
        CALL iqacCreateNominal(nominal2,'P','Temp timesheet revenue
'+nominal2,'Sales','NoAccount',NULL,NULL,res);
        CALL
iqacpostjournalline(odocid,nominal2,descrip2,vcode2,temptimesheetlineid','',n
rechargeni,vrate,1,pdocdate','', 'N','InvoiceGoods')
    END IF
END IF;
UPDATE temptimesheet SET billed = 1 WHERE temptimesheetid = ptsid
exception
    WHEN others THEN
        ROLLBACK WORK
END
}
```

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

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