



pears.phone



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

Description

Telephone - fax - email etc

Columns

Column	Type	Null	Default	Comment
phoneid	char(20)	NOT NULL		
phonetypeid	char(20)	NOT NULL		
who	char(2)	NOT NULL		
whoid	char(20)	NOT NULL		
number	char(200)	NOT NULL		
numberdigits	char(200)	NULL		
numberdialable	char(200)	NULL		

Primary Key

- phoneid

Foreign Keys

Constraint	Columns	References	Delete/update action
phonetype	phonetypeid	pears.phonetype (phonetypeid)	NOT NULL;

Referenced By

- No incoming foreign keys found.

Indexes



Name	Type	Columns	Detail
phone_whoId	Index	who, whoId	
phone_idwho	Index	whoId, who	
phone_number	Index	number	
phone_digits	Index	numberdigits	
phone_dialable	Index	numberdialable	

Triggers

Name	Timing	Event
lsm_phoneupdate	before	insert,update order 1
psHealthPhoneInsert	after	insert order 900
PhoneKeyWords	after	insert,update order 20

Original SQL

```
-- IQX database structure split by table
-- Source: IQXDatabaseStructure - with comments.sql
-- Table: "pears"."phone"
-- Table comment: Telephone - fax - email etc
-- Statement count: 13

CREATE TABLE "pears"."phone" (
    "phoneid" CHAR(20) NOT NULL
    , "phonetypeid" CHAR(20) NOT NULL
    , "who" CHAR(2) NOT NULL
    , "whoId" CHAR(20) NOT NULL
    , "number" CHAR(200) NOT NULL
    , "numberdigits" CHAR(200) NULL COMPUTE
    ("pears"."digitsonly"("number"))
    , "numberdialable" CHAR(200) NULL COMPUTE
    ("pears"."dialable"("number"))
    , PRIMARY KEY ("phoneid" ASC)
)
GO

COMMENT ON TABLE "pears"."phone" IS
    'Telephone - fax - email etc'
GO

ALTER TABLE "pears"."phone"
    ADD NOT NULL FOREIGN KEY "phonetype" ("phonetypeid" ASC)
    REFERENCES "pears"."phonetype" ("phonetypeid")
```



GO

```
CREATE INDEX "phone_who" ON "pears"."phone"
( "who", "who" )
```

GO

```
CREATE INDEX "phone_idwho" ON "pears"."phone"
( "who", "who" )
```

GO

```
CREATE INDEX "phone_number" ON "pears"."phone"
( "number" )
```

GO

```
CREATE INDEX "phone_digits" ON "pears"."phone"
( "numberdigits" )
```

GO

```
CREATE INDEX "phone_dialable" ON "pears"."phone"
( "numberdialable" )
```

GO

```
CREATE TRIGGER "lsm_phoneupdate" BEFORE INSERT, UPDATE ORDER 1 ON
"pears"."phone"
REFERENCING NEW AS "np"
FOR each ROW
BEGIN
    DECLARE "spaycont" CHAR(20);
    DECLARE "saccont" CHAR(20);
    IF "np"."who" = 'P' THEN
        UPDATE "pay_employee" SET "transferbatch" = 0 WHERE "personid" =
"np"."who" AND "transferbatch" <> 0;
        UPDATE "accordemployee" SET "transferbatch" = 0 WHERE "personid" =
"np"."who"
    ELSE
        IF "np"."who" = 'C' THEN
            UPDATE "companyaccount" SET "transferbatch" = 0 WHERE "companyid" =
"np"."who" AND "transferbatch" <> 0
        ELSE
            SELECT "ca"."timesheetcontact", "ca"."accountscontact" INTO
"spaycont", "saccont" FROM "companyaccount" AS "ca" JOIN "employment" AS
"emp"
```



```
        ON "emp"."companyid" = "ca"."companyid" WHERE "emp"."employmentid"
= "np"."whoid";
    IF "np"."whoid" = "spaycont" OR "np"."whoid" = "saccont" THEN
        UPDATE "companyaccount" AS "ca" JOIN "employment" AS "emp" ON
"emp"."companyid" = "ca"."companyid" SET "ca"."transferbatch" = 0
        WHERE "emp"."employmentid" = "np"."whoid" AND "transferbatch" <> 0
    END IF
END IF
END IF
END
GO

COMMENT TO PRESERVE FORMAT ON TRIGGER "pears"."phone"."lsm_phoneupdate" IS
{CREATE TRIGGER lsm_phoneupdate
  BEFORE INSERT,UPDATE ORDER 1 ON
pears.phone
REFERENCING NEW AS np
FOR each ROW
BEGIN
  DECLARE spaycont CHAR(20);
  DECLARE saccont CHAR(20);
  IF np.who = 'P' THEN
    UPDATE pay_employee SET transferbatch = 0 WHERE personid = np.whoid AND
transferbatch <> 0;
    UPDATE accordemployee SET transferbatch = 0 WHERE personid = np.whoid
  ELSE
    IF np.who = 'C' THEN
      UPDATE companyaccount SET transferbatch = 0 WHERE companyid = np.whoid
AND transferbatch <> 0
    ELSE
      SELECT ca.timesheetcontact,ca.accountscontact INTO spaycont,saccont
FROM companyaccount AS ca JOIN employment AS emp ON
      emp.companyid = ca.companyid WHERE emp.employmentid = np.whoid;
      IF np.whoid = spaycont OR np.whoid = saccont THEN
        UPDATE companyaccount AS ca JOIN employment AS emp ON emp.companyid
= ca.companyid SET ca.transferbatch = 0 WHERE
        emp.employmentid = np.whoid AND transferbatch <> 0
      END IF
    END IF
  END IF
END
}
GO

CREATE TRIGGER "psHealthPhoneInsert" after INSERT ORDER 900 ON
"pears"."phone"
```



```
REFERENCING NEW AS "new_rec"
FOR each ROW
WHEN ("new_rec"."who" = 'P')
BEGIN
    CALL
    "psHealthUpdatePhone"("new_rec"."whoid","new_rec"."phonetypeid","new_rec"."n
umber")
END
GO
```

```
CREATE TRIGGER "PhoneKeyWords" after INSERT,UPDATE ORDER 20 ON
"pears"."Phone"
REFERENCING NEW AS "NewRow"
FOR each ROW
BEGIN
    CASE "NewRow"."Who"
        WHEN 'P' THEN UPDATE "PersonKeyWords" SET "RefreshRequired" = 1 WHERE
        "PersonID" = "NewRow"."WhoID"
        WHEN 'C' THEN UPDATE "CompanyKeyWords" SET "RefreshRequired" = 1 WHERE
        "CompanyID" = "NewRow"."WhoID"
        WHEN 'CP' THEN UPDATE "CompanyKeyWords" SET "RefreshRequired" = 1 FROM
        "Company" KEY JOIN "Employment" WHERE "EmploymentID" = "NewRow"."WhoID" AND
        "CompanyKeyWords"."CompanyID" = "Company"."CompanyID"
    END CASE
END
GO
```

```
COMMENT TO PRESERVE FORMAT ON TRIGGER "pears"."phone"."PhoneKeyWords" IS
{CREATE TRIGGER PhoneKeyWords
after INSERT, UPDATE ORDER 20 ON
    pears.Phone
    REFERENCING NEW AS NewRow
    FOR each ROW
    BEGIN
        CASE NewRow.Who
            WHEN 'P' THEN UPDATE PersonKeyWords SET RefreshRequired = 1 WHERE
            PersonID = NewRow.WhoID;
            WHEN 'C' THEN UPDATE CompanyKeyWords SET RefreshRequired = 1 WHERE
            CompanyID = NewRow.WhoID;
            WHEN 'CP' THEN UPDATE CompanyKeyWords SET RefreshRequired = 1 FROM
            Company KEY JOIN Employment WHERE EmploymentID = NewRow.WhoID AND
            CompanyKeyWords.CompanyID = Company.CompanyID;
        END
    END
}
```



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