



pears.RemoveRD1Dups



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

Original SQL

```
CREATE PROCEDURE "pears"."RemoveRD1Dups"()
BEGIN
    DECLARE "MyCur" dynamic scroll cursor FOR SELECT
    "ID","D1_Date","d1_safetime","D1_User","D1_Type","appcli" FROM "R_D1" ORDER
    BY 2 ASC,3 ASC,4 ASC,5 ASC,6 ASC FOR UPDATE;
    DECLARE @ContactEventID CHAR(20);
    DECLARE @ContactDate DATE;
    DECLARE @LastContactDate DATE;
    DECLARE @ContactTime TIME;
    DECLARE @LastContactTime TIME;
    DECLARE @StaffID CHAR(20);
    DECLARE @LastStaffID CHAR(20);
    DECLARE @ClassCode CHAR(2);
    DECLARE @LastClassCode CHAR(2);
    DECLARE @PersonID CHAR(20);
    DECLARE @LastPersonID CHAR(20);
    DECLARE "Counter" BIGINT;
    DECLARE "DeleteCounter" INTEGER;
    SET "Counter" = 1;
    SET "DeleteCounter" = 0;
    message "string"('DeDup Started ',CURRENT_TIMESTAMP) TO console;
    IF NOT EXISTS(SELECT * FROM "sysindex" WHERE "index_name" =
    'XXXChangeCRSRD1DeDupIndexXXX') THEN
        message 'Creating Index' TO console;
        CREATE INDEX "XXXChangeCRSRD1DeDupIndexXXX" ON "R_D1"("D1_Date"
        ASC,"D1_SafeTime" ASC,"D1_User" ASC,"D1_Type" ASC,"appcli" ASC)
    END IF;
    OPEN "MyCur" WITH hold;
    fetch FIRST "MyCur" INTO
    @ContactEventID,@ContactDate,@ContactTime,@StaffID,@ClassCode,@PersonID;
    "ContactLoop":
    while(sqlcode = 0) loop
        IF(@LastContactDate = @ContactDate AND @LastContactTime = @ContactTime
        AND @LastStaffID = @StaffID AND @LastClassCode = @ClassCode AND
        @LastPersonID = @PersonID) THEN
```



```
        UPDATE "r_d1" SET "exclude" = 1 WHERE CURRENT OF "MyCur";
        SET "DeleteCounter" = "DeleteCounter"+1
    END IF;
    SET @LastContactDate = @ContactDate;
    SET @LastContactTime = @ContactTime;
    SET @LastStaffID = @StaffID;
    SET @LastClassCode = @ClassCode;
    SET @LastPersonID = @PersonID;
    IF(SELECT "remainder"("Counter",10000)) = 0 THEN
        message "string"("Counter",' Contact Events Checked') TO console
    END IF;
    SET "counter" = "counter"+1;
    fetch NEXT "MyCur" INTO
@ContactEventID,@ContactDate,@ContactTime,@StaffID,@ClassCode,
    @PersonID
    END loop "ContactLoop";
    close "MyCur";
    message "string"("DeleteCounter",' Records Excluded') TO console;
    message "string"('DeDup Finished ',CURRENT_TIMESTAMP) TO console
END
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."RemoveRD1Dups" IS
{CREATE PROCEDURE RemoveRD1Dups()
BEGIN
    DECLARE MyCur cursor FOR SELECT ID, D1_Date, d1_safetime, D1_User,
D1_Type, appli FROM R_D1 ORDER BY 2,3,4,5,6 FOR UPDATE;
    DECLARE @ContactEventID CHAR(20);
    DECLARE @ContactDate DATE;
    DECLARE @LastContactDate DATE;
    DECLARE @ContactTime TIME;
    DECLARE @LastContactTime TIME;
    DECLARE @StaffID CHAR(20);
    DECLARE @LastStaffID CHAR(20);
    DECLARE @ClassCode CHAR(2);
    DECLARE @LastClassCode CHAR(2);
    DECLARE @PersonID CHAR(20);
    DECLARE @LastPersonID CHAR(20);
    DECLARE Counter BIGINT;
    DECLARE DeleteCounter INT;
    SET Counter = 1;
    SET DeleteCounter = 0;
    Message string('DeDup Started ',CURRENT_TIMESTAMP);
    IF NOT EXISTS (SELECT * FROM sysindex WHERE index_name =
'XXXChangeCRSRD1DeDupIndexXXX') THEN
        message 'Creating Index';
        CREATE INDEX XXXChangeCRSRD1DeDupIndexXXX ON R_D1(D1_Date ASC ,
D1_SafeTime ASC , D1_User ASC , D1_Type ASC, appli ASC )
```



```
END IF;
OPEN MyCur WITH hold;
  fetch FIRST MyCur INTO @ContactEventID, @ContactDate, @ContactTime,
@StaffID, @ClassCode, @PersonID;
  ContactLoop:
  while (sqlcode = 0 ) loop
    IF ( @LastContactDate = @ContactDate AND @LastContactTime = @ContactTime
AND @LastStaffID = @StaffID AND @LastClassCode = @ClassCode AND
@LastPersonID = @PersonID )
    THEN
      UPDATE r_d1 SET exclude =1 WHERE CURRENT OF MyCur;
      SET DeleteCounter = DeleteCounter + 1;
    END IF;
    SET @LastContactDate = @ContactDate;
    SET @LastContactTime = @ContactTime;
    SET @LastStaffID = @StaffID;
    SET @LastClassCode = @ClassCode;
    SET @LastPersonID = @PersonID;
    IF (SELECT remainder(Counter,10000)) = 0 THEN
      message string(Counter, ' Contact Events Checked');
    END IF;
    SET counter = counter + 1;
    fetch NEXT MyCur INTO @ContactEventID, @ContactDate, @ContactTime,
@StaffID, @ClassCode, @PersonID;
  END loop ContactLoop;
  Close MyCur;
  Message string(DeleteCounter, ' Records Excluded');
  Message string('DeDup Finished ',CURRENT TIMESTAMP);
END
}
```

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

Permanent link:
https://iqxusers.co.uk/iqxhelp/doku.php?id=database:procedures:pears_removevd1dups

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