



pears.GetQuestTextLong



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

Original SQL

```
CREATE FUNCTION "pears"."GetQuestTextLong"(  
  /* Application Maintained Function / Procedure - DO NOT EDIT*/  
  IN "tagloc" CHAR(3),IN "wildtagid" CHAR(3),IN "parentid" CHAR(20) )  
RETURNS long VARCHAR  
BEGIN  
  DECLARE "rv" long VARCHAR;  
  DECLARE "tagval" DOUBLE;  
  DECLARE "textval" long VARCHAR;  
  DECLARE "x" CHAR(4);  
  DECLARE "y" INTEGER;  
  DECLARE "xunits" CHAR(11);  
  DECLARE "xdesc" CHAR(25);  
  DECLARE "i" SMALLINT;  
  DECLARE "tab" CHAR(1);  
  DECLARE "newline" CHAR(2);  
  SET "tab" = "char"(9);  
  SET "newline" = "char"(13)+"char"(10);  
  SET "rv" = '';  
  FOR "fetchfor" AS "fetchcursor" no scroll cursor FOR  
    SELECT "tagid" AS "toptagid", (IF "isnull"("longdescription", '') = ''  
THEN "description" ELSE "longdescription" endif) AS  
"tagdesc", "tagtype", "units" FROM "tag" WHERE "taglocation" = "tagloc" AND  
"tagid" LIKE "wildtagid" ORDER BY "sortorder" ASC FOR READ ONLY do  
    SET "xunits" = "isnull"("units", '');  
    IF "xunits" <> '' THEN  
      SET "xunits" = ' '+'xunits"  
    END IF;  
    SET "rv" = "rv"+"tagdesc"+"tab";  
    CASE "tagtype" WHEN 'N' THEN  
      SELECT "max"("value") INTO "tagval" FROM "tagvalue" WHERE  
"taglocation" = "tagloc" AND "id" = "parentid" AND "tagid" = "toptagid";  
      IF "isnull"("tagval", 0) <> 0 THEN  
        SET "rv" = "rv"+"string"("tagval")+"xunits"  
      END IF WHEN 'D' THEN  
        SELECT "max"("value") INTO "tagval" FROM "tagvalue" WHERE
```



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"taglocation" = "tagloc" AND "id" = "parentid" AND "tagid" = "toptagid";
  IF "isnull"("tagval",0) <> 0 THEN
    SET "y" = "tagval"; //// Following expression does NOT behave WITH a
DOUBLE
    SET "rv" = "rv" ||
"dateformat"("date"('1899-12-30')+ "y", 'dd/mm/yyyy')
  END IF WHEN 'T' THEN
    SELECT "max"("textvalue") INTO "textval" FROM "tagvalue" WHERE
"taglocation" = "tagloc" AND "id" = "parentid" AND "tagid" = "toptagid";
    IF "textval" IS NOT NULL THEN
      SET "rv" = "rv"+"textval"
    END IF WHEN 'U' THEN
      SELECT "max"("textvalue") INTO "textval" FROM "tagvalue" WHERE
"taglocation" = "tagloc" AND "id" = "parentid" AND "tagid" = "toptagid";
      IF "textval" IS NOT NULL THEN
        SET "rv" = "rv"+"textval"
      END IF WHEN 'M' THEN
        SELECT "max"("tagchoiceid") INTO "x" FROM "tagvalue" WHERE
"taglocation" = "tagloc" AND "id" = "parentid" AND "tagid" = "toptagid";
        IF "x" IS NULL THEN
          SET "x" = '_'
        END IF;
        SET "rv" = "rv"+"isnull"((SELECT(IF "isnull"("longdescription",'') =
'' THEN "description" ELSE "longdescription" endif) FROM "tagchoice" WHERE
"taglocation" = "tagloc" AND "tagid" = "toptagid" AND "tagchoiceid" =
"x"),'')
      ELSE
        SET "i" = 0;
        FOR "fetch2for" AS "fetch2cursor" no scroll cursor FOR
          SELECT(IF "isnull"("tagchoice"."longdescription",'') = '' THEN
"tagchoice"."description" ELSE "tagchoice"."longdescription" endif) AS
"tagchdesc","tagvalue"."tagchoiceid","tagvalue"."value" AS
"tgval","tagchoice"."tagchoiceparentid" AS "tcpid"
          FROM "tagvalue" KEY JOIN "tagchoice"
          WHERE "tagvalue"."taglocation" = "tagloc" AND "tagvalue"."tagid" =
"toptagid" AND "tagvalue"."id" = "parentid" ORDER BY "tagchoice"."sortorder"
        ASC FOR READ ONLY do
          IF "i" > 0 THEN
            SET "rv" = "rv"+', '
          END IF;
          CASE "tagtype" WHEN 'L' THEN
            SET "rv" = "rv"+"tagchdesc";
            IF "tagchoiceid" = '*' THEN
              SET "rv" = "rv"+' '+'string'("tgval")
            END IF WHEN 'S' THEN
              SET "rv" = "rv"+"tagchdesc"+' '+'string'("tgval")+"xunits" WHEN
'G' THEN
                SELECT "max"((IF "isnull"("longdescription",'') = '' THEN
```



```
"description" ELSE "longdescription" endif)) INTO "xdesc" FROM "tagchoice"
WHERE "taglocation" = "tagloc" AND "tagid" = "toptagid" AND "value" =
"tgval" AND "subchoice" = 1;
    IF "isnull"("xdesc",'') <> '' THEN
        SET "rv" = "rv"+"tagchdesc"+' '+'xdesc"
    END IF WHEN 'Q' THEN
        SELECT "max"((IF "isnull"("longdescription",'') = '' THEN
"description" ELSE "longdescription" endif)) INTO "xdesc" FROM "tagchoice"
WHERE "taglocation" = "tagloc" AND "tagid" = "toptagid" AND "tagchoiceid" =
"tcpid" AND "subchoice" = 0;
        IF "isnull"("xdesc",'') <> '' THEN
            SET "rv" = "rv"+"xdesc"+' '+'tagchdesc"
        END IF
    END CASE;
    SET "i" = "i"+1
END FOR
END CASE;
SET "rv" = "rv"+"newline" END FOR;
RETURN("rv")
END
```

From:

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

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