



pears.placementelementvalueV2



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

Original SQL

```
CREATE FUNCTION "pears"."placementelementvalueV2"(  
    /* Application Maintained Function / Procedure - DO NOT EDIT*/  
    IN "splacid" CHAR(20),IN "spersid" CHAR(20),IN "svacid" CHAR(20),IN  
    "selementname" CHAR(20) )  
RETURNS long VARCHAR  
BEGIN  
    DECLARE "rv" long VARCHAR;  
    DECLARE "l" long VARCHAR;  
    DECLARE "n" REAL;  
    DECLARE "i" INTEGER;  
    DECLARE "dt" CHAR(1);  
    DECLARE "subname" CHAR(30);  
    DECLARE "subchar" CHAR(1);  
    DECLARE "tempid" CHAR(20);  
    IF "selementname" = 'PLACEMENTID' THEN  
        RETURN(CAST("splacid" AS long VARCHAR))  
    ELSEIF "selementname" = 'PERSONID' THEN  
        RETURN(CAST("spersid" AS long VARCHAR))  
    ELSEIF "selementname" = 'VACANCYID' THEN  
        RETURN(CAST("svacid" AS long VARCHAR))  
    ELSEIF "selementname" = 'SALARY' THEN  
        SET "n" = (SELECT "salary" FROM "placement" WHERE "placementid" =  
"splacid");  
        RETURN(CAST("n" AS long VARCHAR))  
    ELSE  
        SET "l" = NULL;  
        SET "tempid" = NULL;  
        SELECT "placementelement"."value","placementelement"."placementid" INTO  
"l",  
        "tempid" FROM "placementelement" KEY JOIN "placementelementtype"  
        WHERE "placementelement"."placementid" = "splacid" AND  
"placementelementtype"."name" = "selementname";  
        IF "tempid" IS NOT NULL THEN  
            RETURN("l")  
        END IF;  
    END IF;
```



```
SELECT "defaultvalue" INTO "l" FROM "placementelementtype" WHERE "name"
= "selementname";
IF "l" IS NULL THEN
    RETURN(NULL)
END IF;
"subloop": loop
    SET "i" = "patindex"('%{ }%', "l");
    IF "i" = 0 THEN
        leave "subloop"
    END IF;
    SET "subname" = '';
    "charloop": loop
        SET "subchar" = "substr"("l", "i", 1);
        IF "length"("l") = 1 THEN
            SET "l" = '' // IN this CASE stuffing crashes the server
        ELSE
            SET "l" = "stuff"("l", "i", 1, '')
        END IF;
        IF "subchar" = '}' OR "i" > "length"("l") THEN // The latter IS
precautionary
            leave "charloop"
        ELSEIF "subchar" <> '{' THEN
            SET "subname" = "subname" || "subchar"
        END IF
    END loop "charloop";
    SET "rv" =
"placementelementvalueV2"("splacid", "spersid", "svacid", "subname");
    IF "subname" = 'PLACEMENTID' OR "subname" = 'PERSONID' OR "subname" =
'VACANCYID' THEN
        SET "dt" = 'S'
    ELSE
        SET "dt" = NULL;
        SELECT "datatype" INTO "dt" FROM "placementelementtype" WHERE "name"
= "subname"
    END IF;
    IF "rv" IS NULL THEN
        SET "rv" = 'null'
    ELSE
        IF "dt" = 'S' THEN
            SET "rv" = '' || "rv" || ''
        ELSE
            SET "rv" = 'cast(' || "rv" || ' as real)'
        END IF END IF;
        SET "l" = "insertstr"("i"-1, "l", "rv")
    END loop "subloop";
    IF "l" IS NULL OR "length"("l") = 0 THEN
        RETURN(NULL)
    END IF;
```



```
SET "rv" = NULL;  
SET "l" = 'set rv=(select ' || "l" || ')';  
EXECUTE IMMEDIATE "l";  
RETURN("rv")  
END IF  
END
```

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