



pears.placementelementvalueV2



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

Original SQL

```
COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."placementelementvalueV2" IS
'create function 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;
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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