



pears.NetWizardGetPage



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

Original SQL

```
CREATE PROCEDURE "pears"."NetWizardGetPage"( IN "pWebUserID" CHAR(20)
DEFAULT NULL,IN "pWizardID" CHAR(20) DEFAULT NULL,IN "pPath" long VARCHAR
DEFAULT NULL,IN "pAction" CHAR(20) )
RESULT( "pageID" CHAR(50),"pageCaption" CHAR(250),"pageFooter"
CHAR(250),"hasCheckBox" SMALLINT,"isLastPage" SMALLINT,"nextButtonCaption"
CHAR(100),"backButtonCaption" CHAR(100),"pageNumber" SMALLINT,"pageCount"
SMALLINT,"path" long VARCHAR,"divisionEtc" CHAR(100) )
BEGIN
  DECLARE "sID" CHAR(50);
  DECLARE "sPath" long VARCHAR;
  DECLARE "i" SMALLINT;
  DECLARE "iFirst" SMALLINT;
  DECLARE "iLast" SMALLINT;
  DECLARE "sFooter" CHAR(250);
  DECLARE "iCheckbox" SMALLINT;
  // pAction values- START, resume, back, NEXT
  IF "isnull"("pWebUserID",'') = '' THEN
    SET "pWebUserID" = NULL
  END IF;
  IF "isnull"("pWizardID",'') = '' THEN
    SET "pWizardID" = 'DEFAULT'
  END IF;
  IF "pAction" = 'start' THEN
    SET "sID" = "SoftWizardController"("pWizardID",NULL,'nextPageID');
    IF "sID" IS NOT NULL THEN
      SET "sID" = "string"(':', "sID");
      SET "sPath" = "string"('/', "sID")
    END IF
  ELSE IF "pAction" = 'resume' THEN
    SET "sPath" = (SELECT "path" FROM "IQXNetWizardState" WHERE
"IQXNetUserID" = "pWebUserID" AND "WizardID" = "pWizardID");
    SET "i" = "locate"("sPath", '/', -1);
    IF "isnull"("i",0) > 0 THEN
      SET "sID" = "substring"("sPath", "i"+1)
    ELSE // No saved state - behave AS START
```



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SET "sID" = "SoftWizardController"("pWizardID",NULL,'nextPageID');
IF "sID" IS NOT NULL THEN
    SET "sID" = "string"(':', "sID");
    SET "sPath" = "string"('/', "sID")
END IF
END IF
ELSE IF "pAction" = 'next' THEN
    SET "i" = "locate"("pPath", '/', -1);
    IF "isnull"("i",0) > 0 THEN
        SET "sID" = "substring"("pPath", "i"+1);
        SET "sID" =
"SoftWizardController"("pWizardID", "replace"("sID", ':', ''), 'nextPageID');
        IF "sID" IS NOT NULL THEN
            SET "sPath" = "string"("pPath", '/', "sID")
        END IF
    END IF
ELSE IF "pAction" = 'back' THEN
    SET "i" = "locate"("pPath", '/', -1);
    IF "isnull"("i",0) > 0 THEN
        SET "sPath" = "substring"("pPath", 1, "i"-1);
        SET "i" = "locate"("sPath", '/', -1);
        IF "isnull"("i",0) > 0 THEN
            SET "sID" = "substring"("sPath", "i"+1)
        END IF
    END IF
END IF
END IF
END IF END IF END IF;
SET "sID" = "isnull"("sID", '');
SET "iFirst" = IF "left"("sID",1) = ':' THEN 1 ELSE 0 endif;
SET "iLast" = IF "right"("sID",1) = ':' THEN 1 ELSE 0 endif;
SET "sID" = "replace"("sID", ':', '');
IF "sID" = '' THEN
    SELECT '',NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL,NULL
ELSE
    IF "pWebUserID" IS NOT NULL THEN
        INSERT INTO "IQXNetWizardState"("WizardID", "IQXNetUserID", "Path" ) ON
existing UPDATE defaults off VALUES( "pWizardID", "pWebUserID", "sPath" )
    END IF;
    SET "sFooter" = "SoftWizardController"("pWizardID", "sID", 'pageFooter');
    IF "left"("sFooter",1) = '!' THEN
        SET "iCheckbox" = 1;
        SET "sFooter" = "stuff"("sFooter", 1, 1, '')
    ELSE
        SET "iCheckbox" = 0
    END IF;
    SELECT "sID",
        "SoftWizardController"("pWizardID", "sID", 'pageCaption'),
        "sFooter",
```



```
"iCheckbox",
"iLast",
IF "iLast" = 1 THEN
"isNull"("SoftWizardController"("pWizardID","sID",'finishButtonCaption'),'Finish') ELSE
"isNull"("SoftWizardController"("pWizardID","sID",'nextButtonCaption'),'Next') endif,
IF "iFirst" = 1 THEN NULL ELSE
"isNull"("SoftWizardController"("pWizardID","sID",'backButtonCaption'),'Back') endif,
CAST("isNull"("SoftWizardController"("pWizardID","sID",'pageNumber'),'0') AS SMALLINT),
CAST("isNull"("SoftWizardController"("pWizardID","sID",'totalPageCount'),'0') AS SMALLINT),
"isNull"("sPath",''), "isNull"("SoftWizardController"("pWizardID","sID",'division'),'')
END IF
END /* DOC
2019-03-20 MHS. Controlling proc for delivery of soft wizard mechanism.
*/
/* TEST
select *,ifnull(backButtonCaption,'null','notnull') as bb from
NetWizardGetPage('TEST.CANDIDATE', 'TESTWIZARD',
'/page1/page2/page3:/page4', 'back');
expect pageID=page3, path=/page1/page2/page3:, isLastPage=1, bb=notnull;
select *,ifnull(backButtonCaption,'null','notnull') as bb from
NetWizardGetPage('TEST.CANDIDATE', 'TESTWIZARD',
'/page1/page2/:page3/page4', 'back');
expect pageID=page3, path=/page1/page2/:page3, isLastPage=0, bb=null;
select * from NetWizardGetPage('TEST.CANDIDATE', 'TESTWIZARD','', 'resume');
expect pageID=page3, path=/page1/page2/:page3;
select *,string(pageID,'X') as p1, string(path,'Y') as p2 from
NetWizardGetPage('TEST.CANDIDATE', 'TESTWIZARD', '/page1', 'back');
expect p1=X, p2=Y;
*/
GO

COMMENT TO PRESERVE FORMAT ON PROCEDURE "pears"."NetWizardGetPage" IS
{CREATE PROCEDURE pears."NetWizardGetPage"(IN pWebUserID CHAR(20) DEFAULT
NULL, IN pWizardID CHAR(20) DEFAULT NULL, IN pPath long VARCHAR DEFAULT
NULL, IN pAction CHAR(20) )
RESULT(pageID CHAR(50), pageCaption CHAR(250), pageFooter CHAR(250),
hasCheckBox SMALLINT, isLastPage SMALLINT, nextButtonCaption CHAR(100),
backButtonCaption CHAR(100), pageNumber SMALLINT, pageCount SMALLINT, path
long VARCHAR, divisionEtc CHAR(100) )
BEGIN
DECLARE sID CHAR(50);
DECLARE sPath long VARCHAR;
```



```
DECLARE i SMALLINT;
DECLARE iFirst SMALLINT;
DECLARE iLast SMALLINT;
DECLARE sFooter CHAR(250);
DECLARE iCheckbox SMALLINT;
// pAction values- START, resume, back, NEXT
IF isnull(pWebUserID, '') = '' THEN
    SET pWebUserID=NULL
END IF;
IF isnull(pWizardID, '') = '' THEN
    SET pWizardID='DEFAULT'
END IF;
IF pAction='start' THEN
    SET sID = SoftWizardController(pWizardID, NULL, 'nextPageID');
    IF sID IS NOT NULL THEN
        SET sID=string(':',sID);
        SET sPath = string('/',sID);
    END IF;
ELSE IF pAction='resume' THEN
    SET sPath=(SELECT path FROM IQXNetWizardState WHERE
IQXNetUserID=pWebUserID AND WizardID=pWizardID);
    SET i=locate(sPath, '/', -1);
    IF isnull(i,0)>0 THEN
        SET sID=SUBSTRING(sPath,i+1);
    ELSE // No saved state - behave AS START
        SET sID = SoftWizardController(pWizardID, NULL, 'nextPageID');
        IF sID IS NOT NULL THEN
            SET sID=string(':',sID);
            SET sPath = string('/',sID);
        END IF;
    END IF;
ELSE IF pAction='next' THEN
    SET i=locate(pPath, '/', -1);
    IF isnull(i,0)>0 THEN
        SET sID=SUBSTRING(pPath,i+1);
        SET sID=SoftWizardController(pWizardID, REPLACE(sID, ':', ''),
'nextPageID');
        IF sID IS NOT NULL THEN
            SET sPath=string(pPath, '/', sID);
        END IF;
    END IF;
ELSE IF pAction='back' THEN
    SET i=locate(pPath, '/', -1);
    IF isnull(i,0)>0 THEN
        SET sPath=SUBSTRING(pPath,1,i-1);
        SET i=locate(sPath, '/', -1);
        IF isnull(i,0)>0 THEN
            SET sID=SUBSTRING(sPath,i+1);
```



```
        END IF;
    END IF;
END IF;
END IF;
END IF;
END IF;
SET sID=isNull(sID,'');
SET iFirst=IF LEFT(sID,1)=':' THEN 1 ELSE 0 endif;
SET iLast=IF RIGHT(sID,1)=':' THEN 1 ELSE 0 endif;
SET sID=REPLACE(sID,':','');
IF sID='' THEN
    SELECT '', NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL
ELSE
    IF pWebUserID IS NOT NULL THEN
        INSERT INTO IQXNetWizardState (WizardID,IQXNetUserID,Path) ON
existing UPDATE defaults off VALUES (pWizardID,pWebUserID,sPath);
    END IF;
    SET sFooter=SoftWizardController(pWizardID,sID,'pageFooter');
    IF LEFT(sFooter,1)='!' THEN
        SET iCheckbox=1;
        SET sFooter=stuff(sFooter,1,1,'');
    ELSE
        SET iCheckbox=0;
    END IF;
    SELECT sID,
        SoftWizardController(pWizardID,sID,'pageCaption'),
        sFooter,
        iCheckbox,
        iLast,
        IF iLast=1 THEN
isNull(SoftWizardController(pWizardID,sID,'finishButtonCaption'),'Finish')
ELSE isNull(SoftWizardController(pWizardID,sID,'nextButtonCaption'),'Next')
endif,
        IF iFirst=1 THEN NULL ELSE
isNull(SoftWizardController(pWizardID,sID,'backButtonCaption'),'Back')
endif,
        CAST(isNull(SoftWizardController(pWizardID,sID,'pageNumber'),'0') AS
SMALLINT),
        CAST(isNull(SoftWizardController(pWizardID,sID,'totalPageCount'),'0') AS
SMALLINT),
        isNull(sPath,''),
        isNull(SoftWizardController(pWizardID,sID,'division'),'');
    END IF;
END

/* DOC
2019-03-20 MHS. Controlling proc for delivery of soft wizard mechanism.
*/
```



```
/* TEST
select *,ifnull(backButtonCaption,'null','notnull') as bb from
NetWizardGetPage('TEST.CANDIDATE', 'TESTWIZARD',
'/page1/page2/page3:/page4', 'back');
expect pageID=page3, path=/page1/page2/page3:, isLastPage=1, bb=notnull;
select *,ifnull(backButtonCaption,'null','notnull') as bb from
NetWizardGetPage('TEST.CANDIDATE', 'TESTWIZARD',
'/page1/page2/:page3/page4', 'back');
expect pageID=page3, path=/page1/page2/:page3, isLastPage=0, bb=null;
select * from NetWizardGetPage('TEST.CANDIDATE', 'TESTWIZARD','', 'resume');
expect pageID=page3, path=/page1/page2/:page3;
select *,string(pageID,'X') as p1, string(path,'Y') as p2 from
NetWizardGetPage('TEST.CANDIDATE', 'TESTWIZARD', '/page1', 'back');
expect p1=X, p2=Y;
*/
}
```

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

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Last update: **2026/08/07 19:24**

