



pears.BlobstoreWrite



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"."BlobstoreWrite" IS
{CREATE FUNCTION BlobstoreWrite

/* Application Maintained Function / Procedure - DO NOT EDIT*/

(IN blobclass CHAR(1),IN blobid CHAR(20),IN blobzipped tinyint,IN
requestedby CHAR(15))
RETURNS INTEGER
NOT deterministic
BEGIN
  DECLARE bAlreadyExists INTEGER;
  DECLARE bNewfilenameNeeded INTEGER;
  DECLARE bFail INTEGER;
  DECLARE xpath CHAR(250);
  DECLARE xfolder CHAR(250);
  DECLARE xfolder1 CHAR(250);
  DECLARE xdate DATE;
  DECLARE fsize INTEGER;
  IF varexists('iqblobtemp') = 0 THEN // Invalid state - cannot proceed
    return-1
  END IF;
  IF iqblobtemp IS NULL THEN // Invalid state - cannot proceed
    return-2
  END IF;
  SELECT 1,TRIM(externalfilepath),DATE(createdat) INTO
bAlreadyExists,xpath,xdate FROM blobstore WHERE class = blobclass AND id =
blobid;
  IF bAlreadyExists = 1 AND isnull(xpath,'') <> '' THEN
    SET bNewfilenameNeeded=BlobstoreDeleteExternal(xpath) -- Will be 0 if
the file was successfully deleted
  ELSE
    SET bNewfilenameNeeded=1
  END IF;
  SET bNewfilenameNeeded=1; -- Changed in March 2022 to force it to always
use a new file
```



```
SET fsize=byte_length(iqblobtemp)/1024;
SET xfolder=BlobStoreExtFolder(CURRENT DATE); -- Changed in March 2022 to
force it to always use latest date folder
IF xfolder IS NULL THEN
    SET xpath=NULL
ELSE
    IF bNewfilenameNeeded <> 0 THEN
        SET xpath=xfolder+blobclass+blobid+'.dat'
    END IF;
    SET bFail=xp_write_file(BlobstoreFullPath(xpath),iqblobtemp);
    IF bFail <> 0 THEN -- Might fail because previously used folder cannot
now be written or new folder does not yet exist
        SET xfolder1=BlobstoreFullPath(xfolder);
        IF LEFT(xfolder1,1)='\\' THEN -- \\ folders give AV in
sp_create_directory
            SET bfail=xp_cmdshell('mkdir '+xfolder1,'no_output')
        ELSE
            SET bfail=sp_create_directory(xfolder1)
        END IF;
        IF bfail=0 THEN
            SET xpath=xfolder+blobclass+blobid+'.dat';
            SET bFail=xp_write_file(BlobstoreFullPath(xpath),iqblobtemp);
        END IF;
    END IF;
    IF bFail = 0 THEN -- Successfully written to external file
        SET iqblobtemp=NULL
    ELSE -- Revert to internal storage. Alternative would be to return bFail
as error value
        SET xpath=NULL
    END IF
END IF;
IF bAlreadyExists = 1 THEN
    UPDATE blobstore SET BLOB= iqblobtemp,filesize=fsize,externalfilepath =
xpath,zipped = blobzipped,changedby =
isnull(requestedby,changedby),changedat =
ifnull(requestedby,changedat,CURRENT TIMESTAMP) WHERE
    class = blobclass AND id = blobid
ELSE
    INSERT INTO blobstore(
class,id,BLOB,externalfilepath,zipped,createdby,createdat,changedby,changeda
t,accessedby,accessedat,filesize) VALUES(
    blobclass,blobid,iqblobtemp,xpath,blobzipped,requestedby,CURRENT
TIMESTAMP,requestedby,CURRENT TIMESTAMP,requestedby,CURRENT TIMESTAMP,fsize)
    END IF;
    SET iqblobtemp=NULL; -- Free the memory
    RETURN 0
END
```



}

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

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