

usp_DBA_Template_Err&Txn.txt

/*

This uses the return code, to pass back the SQL error number or business logic number.
0 if successful & (0-50,000) for SQL or 50,001+ for business logic.
If no return value then fatal SQL error.
Lookup SQL code in master..sysmessages
Lookup business logic code in a platforminfo..businesslogicmessages.
*/

drop proc usp_DBA_Template_Err&Txn
go

create proc usp_DBA_Template_Err&Txn as

/*

Procedure

windbs.usp_DBA_Template_Err&Txn

Project number
nnnnnnn

Purpose

Template for usp creation. With error code for txns.

Revision History

1.0	24/4/02	KB	Created
1.1	26/5/02	KB	Changed it a bit

Input Params

@pvcInputParam bla bla

Output Params

@vcOutputParam bla bla

SQL Return Code

1	success
0	fail

Dependencies

Tables:

Procs:

called by

Apps:

USPs:

Jobs:

*****/

SET NOCOUNT ON

declare @iStep int --Range 5 to 1000+ (step 5, so can
fill in)
declare @iErrNum int --Range 0 to (-1 to -99)
declare @iRowCount int --Range 0 to thousands
declare @iDebug int --Range 0 or 1

select @iDebug = 1 --1 show, 0 not show.
select @iErrNum = @@error --Should be 0

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select @iStep = '0'
-----
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BEGIN TRANSACTION

IF @iErrNum > 0 GOTO ERR_HANDLER
BEGIN
    select * from titleauthor where au_id = '172-32-11760'
--No rows found
    select @iStep = 5, @iErrNum = @@error, @iRowCount=
@@rowcount
    if @iDebug=1
    BEGIN
        print @iStep print @iErrNum print @iRowCount
    END
    if @iRowCount = 0
    BEGIN
        --Assign business logic error code
        select @iErrNum = 50001
        goto ERR_HANDLER
    END
END

END
-----
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IF @iErrNum > 0 GOTO ERR_HANDLER
BEGIN
    insert into titleauthor (au_id,title_id)
values('172-32-1176','PS3333') --Fails, SQL err no.
    select @iStep = 10, @iErrNum = @@error, @iRowCount=
@@rowcount
    if @iDebug=1
    BEGIN
        print @iStep print @iErrNum print @iRowCount
    END
END

END
-----
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IF @iErrNum > 0 GOTO ERR_HANDLER
BEGIN
    COMMIT
    --Rtn 0 if no errors
    RETURN @iErrNum
END

END
-----
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ERR_HANDLER:
    --Add any other cleanup code here.....
    ROLLBACK
    IF @iDebug=1
    BEGIN
        print 'ERR_HANDLER - ROLLBACK' print @iErrNum
print @iRowCount
    END
    --This will be the SQL error no or bus logic no.
    RETURN @iErrNum

```

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```
--Running the sp  
declare @irtncode integer  
  
select @irtncode = null --Reset rtn code.  
execute @irtncode= usp_DBA_Template_Err&Txn  
select @irtncode
```