Notes

Thursday, August 4, 2022

11:03 AM

CP 8/1

POC BF2351

Type 5300

Silo 164

SSPC 8/1

POC BF2351

Silo 164

Type 5300

Each line has its own POC

SSPC is fed from CP

Helpful SQL

Wednesday, August 10, 2022

9:36 AM

/\*\*\*\*\* Case In/Sensitive: COLLATE to Latin1\_General\_CI\_AS or …\_CS\_AS \*\*\*\*\*/

Select \* from TABLE where Field = 'CaseSensitive' COLLATE Latin1\_General\_CS\_AS;

/\*\*\*\*\* CURSORS in T-SQL: Iterating one row at a time \*\*\*\*\*/

DECLARE @SiloID VARCHAR(10)

DECLARE getSiloID CURSOR FOR

SELECT MIC\_tblSiloInv.Silo\_ID FROM MIC\_tblSiloInv

WHERE SiloArea = 'STAPLE' and Qual\_Code = '1'

OPEN getSiloID

FETCH NEXT FROM getSiloID INTO @SiloID

WHILE @@FETCH\_STATUS = 0

BEGIN

/\*CODE using @SiloID\*/

PRINT @SiloID

FETCH NEXT FROM getSiloID INTO @SiloID

END

CLOSE getSiloID

DEALLOCATE getSiloID

/\*\*\*\*\* AVOID CURSORS in T-SQL: While ABC, do XYZ \*\*\*\*\*/

Declare @rowid int

Declare @rowid2 int

Declare @id int

Declare @type varchar(10)  
Declare @rows int

Declare @rows2 int

Declare @outertable(rowid int identity(1,1), id int, type varchar(100))  
Declare @innertable(rowid int identity(1,1), clientid int, whatever int)

Insert into @outer(id, type)

Select id, type

From sometable

Select @rows=count(1)

From @outer

While (@rows>0)

Begin

Select top 1 @rowid=rowid, @id=id, @type=type

From @outer

Insert into @inner(clientid, whatever)

Select clientid, whatever

From contacts

Where contactid =@id

Select @rows2=count(1)

From @inner

While (@rows2>0)

Begin

Select top 1 /\* stuff you want into some variables \*/

/\* Other statements you want to execute \*/

Delete from @inner

Where rowid =@rowid2

Select @rows2=count(1)

From @inner

End

Delete from @outer

Where rowid = @rowid

Select @rows=count(1)

From @outerEnd

CASE WHEN ([Plant] = 'N200' AND LEFT([BPIDescription],3) = 'PET' AND [MaterialType] = 'HALB') THEN 'HIAM RESIN SFG'

WHEN ([Plant] = 'N200' AND LEFT([BPIDescription],3) = 'PET' AND [MaterialType] = 'FERT') THEN 'HIAM RESIN FG'

WHEN ([Plant] = 'N200' AND LEFT([BPIDescription],2) = 'TT' AND [MaterialType] = 'HALB') THEN 'HIAM FIBER SFG'

WHEN ([Plant] = 'N200' AND LEFT([BPIDescription],2) = 'TT' AND [MaterialType] = 'FERT') THEN 'HIAM FIBER FG'

WHEN (LEFT([BPIDescription],3) in ('PET','rPE','PEN','XTR','XXX') AND [MaterialType] = 'HALB') THEN 'RESIN SFG'

WHEN (LEFT([BPIDescription],3) in ('PET','rPE','PEN','XTR','XXX') AND [MaterialType] = 'FERT') THEN 'RESIN FG'

WHEN ((LEFT([BPIDescription],3) in ('XT0','XT8') or [Package] = 'BALE') AND [MaterialType] = 'HALB') THEN 'FIBER SFG'

WHEN (LEFT([BPIDescription],3) in ('XT0','XT8') AND [MaterialType] = 'FERT') THEN 'FIBER FG'

ELSE 'OTHER'

END as 'Type'

/\*\*\*\*\* Send Email as SpartIT SP \*\*\*\*\*/

EXECUTE [master].[dbo].[procSMTPSpart] (

@xTo varchar(8000),

@xCC varchar(8000),

@xsubject varchar(8000),

@xmessage varchar(8000),

@xattach varchar(8000),

@xattach2 varchar(8000),

@xattach3 varchar(8000),

@xattach4 varchar(8000)

)

Example:

EXECUTE master.dbo.procSMTPSpart 'mark.houser@us.indorama.net','','XSubject','XMessage','',null,'',''

/\*\*\*\*\* Find where Stored Procedure is used \*\*\*\*\*/

declare @pname varchar(max) = 'SAPI'

SELECT '0' AS 'DATABSE', o.name 'ProcName',null AS 'JobName', null AS 'StepName'

FROM syscomments AS c

INNER JOIN sysobjects AS o

ON c.id = o.id

WHERE c.text LIKE '%'+@pname+'%'

UNION

SELECT s.database\_name,j.name,s.step\_name, s.command

FROM msdb.dbo.sysjobs AS j

INNER JOIN msdb.dbo.sysjobsteps AS s

ON j.job\_id = s.job\_id

WHERE s.command LIKE '%'+@pname+'%';

/\*\*\*\*\* Last Time Tables Were Used \*\*\*\*\*/

WITH LastActivity (ObjectID, LastAction) AS

(

SELECT object\_id AS TableName,

last\_user\_seek as LastAction

FROM sys.dm\_db\_index\_usage\_stats u

WHERE database\_id = db\_id(db\_name())

UNION

SELECT object\_id AS TableName,

last\_user\_scan as LastAction

FROM sys.dm\_db\_index\_usage\_stats u

WHERE database\_id = db\_id(db\_name())

UNION

SELECT object\_id AS TableName,

last\_user\_lookup as LastAction

FROM sys.dm\_db\_index\_usage\_stats u

WHERE database\_id = db\_id(db\_name())

)

SELECT OBJECT\_NAME(so.object\_id) AS TableName,

MAX(la.LastAction) as LastSelect

FROM sys.objects so

LEFT

JOIN LastActivity la

on so.object\_id = la.ObjectID

WHERE so.type = 'U'

AND so.object\_id > 100

GROUP BY OBJECT\_NAME(so.object\_id)

ORDER BY OBJECT\_NAME(so.object\_id);

/\*\*\*\*\*\* BALE POs with PGR and Movements \*\*\*\*\*\*/

SELECT Distinct A.Packaging\_Type, A.SAPMaterialNo, A.ProcessOrderNo, A.Line, A.Quantity, A.UOM, A.Processed, A.Created\_Time,

B.TransCode, Package, B.SAPMaterialNo, B.SAPOrderNo, B.HandlingUnit, B.BPI, B.Quality, B.NetLbs, B.ZBAT\_MERGE\_NO,

C.Move\_ContainerNo, C.Move\_BPI, C.Move\_SAPMaterialNo, C.Move\_Batch, C.Quantity,

C.Receive\_ContainerNo, C.Receive\_BPI, C.Receive\_SAPMaterialNo, C.Receive\_Batch

FROM [SAPint].[dbo].[SAPI\_ProcessOrders] A

LEFT JOIN [SAPint].[dbo].[SAPI\_ProductionGoodsReceipt] B

ON CAST(A.ProcessOrderNo AS varchar) = CAST(B.SAPOrderNo as varchar)

LEFT JOIN [SAPint].[dbo].[SAPI\_MovementTransloading] C

ON B.BatchNo = C.Move\_Batch

WHERE A.Packaging\_Type = 'BALE'

AND B.TransCode is not null

AND C.Move\_Batch is not null

AND A.Created\_Time > GETDATE()-30;

/\*\*\*\*\*\* Product Master View with Missing Requirements \*\*\*\*\*\*/

SELECT \* FROM [SAPint].[dbo].[SAPI\_ProductMasterVIEW]

WHERE Quality =''

OR MaterialType =''

OR BrandDesc = ''

OR BPI =''

OR BPIDescription =''

OR SAPMatNo =''

OR SAPMaterialNo =''

OR FoodContact =''

OR (Package = 'BALE' AND (

Luster = ''

OR Denier = ''

OR DTex = ''

OR Length = ''

OR CutLengthInches = ''

OR CrossSection = ''

))

OR (MaterialType = 'FERT' AND (

ProductType = ''

OR MSDS = ''

OR Package = ''

))

;

SELECT A.Processed AS PGR\_PROCESSED, B.Processed AS MOV\_PROCESSED, A.\*, B.\*

FROM [SAPint].[dbo].[SAPI\_ProductionGoodsReceipt] A

LEFT JOIN [SAPint].[dbo].[SAPI\_MovementTransloading] B

ON A.BatchNo = B.Move\_Batch

WHERE (A.Processed not in ('Y','C'))

--AND B.Processed is null

--OR B.Processed not in ('Y','C')

;

/\* PGR/Movement Summary \*/

SELECT 'PGR Failed' as 'Process',

COUNT(A.Processed) as 'Count',

SUM(CASE when A.SAPMaterialNo = 'NSetup' then 1 else 0 END) as 'SAP Material',

SUM(CASE when A.SAPOrderNo = 'NSetup' then 1 else 0 END) as 'SAP PO',

'' as 'Move SAP Material',

'' as 'Receive SAP Material',

'' as 'Waste'

FROM [SAPint].[dbo].[SAPI\_ProductionGoodsReceipt] A

WHERE A.Processed ='F'

UNION

SELECT 'PGR Needs SAPMaterial',

COUNT(A.Processed),

SUM(CASE when A.SAPMaterialNo = 'NSetup' then 1 else 0 END),

SUM(CASE when A.SAPOrderNo = 'NSetup' then 1 else 0 END),

'',

'',

''

FROM [SAPint].[dbo].[SAPI\_ProductionGoodsReceipt] A

WHERE A.Processed ='X'

AND A.SAPMaterialNo = 'NSetup'

UNION

SELECT 'PGR Needs PO',

COUNT(A.Processed),

SUM(CASE when A.SAPMaterialNo = 'NSetup' then 1 else 0 END),

SUM(CASE when A.SAPOrderNo = 'NSetup' then 1 else 0 END),

'',

'',

''

FROM [SAPint].[dbo].[SAPI\_ProductionGoodsReceipt] A

WHERE A.Processed ='X'

AND A.SAPOrderNo = 'NSetup'

UNION

SELECT 'Movement Failed',

COUNT(B.Processed),

'',

'',

SUM(CASE when B.Move\_SAPMaterialNo = 'NSetup' then 1 else 0 END),

SUM(CASE when B.Receive\_SAPMaterialNo = 'NSetup' then 1 else 0 END),

SUM(CASE when B.Receive\_Qual = 'W' then 1 else 0 END)

FROM [SAPint].[dbo].[SAPI\_MovementTransloading] B

WHERE B.Processed ='F'

UNION

SELECT 'Movement Needs FROM SAPMaterial',

COUNT(B.Processed),

'',

'',

SUM(CASE when B.Move\_SAPMaterialNo = 'NSetup' then 1 else 0 END),

SUM(CASE when B.Receive\_SAPMaterialNo = 'NSetup' then 1 else 0 END),

SUM(CASE when B.Receive\_Qual = 'W' then 1 else 0 END)

FROM [SAPint].[dbo].[SAPI\_MovementTransloading] B

WHERE B.Processed ='X'

AND B.Move\_SAPMaterialNo = 'NSetup'

UNION

SELECT 'Movement Needs TO SAPMaterial',

COUNT(B.Processed),

'',

'',

SUM(CASE when B.Move\_SAPMaterialNo = 'NSetup' then 1 else 0 END),

SUM(CASE when B.Receive\_SAPMaterialNo = 'NSetup' then 1 else 0 END),

SUM(CASE when B.Receive\_Qual = 'W' then 1 else 0 END)

FROM [SAPint].[dbo].[SAPI\_MovementTransloading] B

WHERE B.Processed ='X'

AND B.Receive\_SAPMaterialNo = 'NSetup';

Access Errors

Wednesday, October 5, 2022

8:34 AM



