# FusionDocs Setup

10/31/2017

## FusionDocs Version 1 - 10/31/2017

### Prerequisites

* Fusion 17.5.6 or later version (required for fnCompress SQL function)
* Microsoft .NET 4.61 must be installed on any machine running FusionDocs.
* All revisions of a document with a given number must belong to a single class. Exceptions which must be fixed can be found by running the following script:

SELECT distinct DOREF, DOCLASS

into #temp

from DdocTable

select DOREF, DOREV, DOSHEET, DOCLASS from DDocTable where DOREF in

(select DOREF from #temp group by DOREF having count(\*) > 1)

order by DOREF, DOREV, DOSHEET, DOCLASS

drop table #temp

* Once the conflicting documents have been removed, run the above script again. It should return no results.
* Next, run the following script, which will prevent document class conflicts from occurring again. If there are still conflicts, the script will fail.

CREATE UNIQUE NONCLUSTERED INDEX [IX\_DDocTable\_DOREF\_DOREV\_DOSHEET] ON DdocTable

(

[DOREF] ASC,

[DOREV] ASC,

[DOSHEET] ASC

)

* Now run the following script to create the stored procedure that imports and processes.

-- VALMAC Document Import

if exists (select \* from sys.objects where type = 'P' AND name = 'AddOrUpdateDocuments')

DROP PROCEDURE AddOrUpdateDocuments

go

create procedure dbo.AddOrUpdateDocuments

as

/\* Used by FusionDoc utility at VALMAC to add or update Boeing documents

documents are imported from Boeing csv into table \_FusionDocs prior to running this sp

Author: TEL 11/17/2017

test:

AddOrUpdateDocuments

\*/

begin try

begin tran

-- set document status

update \_FusionDocs set DocStat = 'not relevant'

update fd set DocStat = 'new rev created'

from \_FusionDocs fd

join DdocTable dd on dd.DOREF = fd.DocRef

update fd set DocStat = 'rev exists'

from \_FusionDocs fd

join DdocTable dd on dd.DOREF = fd.DocRef and dd.dorev = fd.Revision and dd.DOSHEET

= case when len([Sheet (ID)]) > 6 then SUBSTRING([Sheet (ID)], 1, 6) else [Sheet (ID)] end

select dd.\*,fd.Revision, fd.[Sheet (ID)], fd.[Change Log Date], fd.[Auth. Expiration Date], fd.[Approved Date],

ROW\_NUMBER() over (partition by fd.DocRef, fd.Revision, fd.[Sheet (ID)] order by dd.DOEFFECTIVE desc) as RowNo

into #temp

from \_FusionDocs fd

Join DdocTable dd

on dd.doref = fd.DocRef

where fd.DocStat = 'new rev created'

-- remove duplicates

delete from #temp where RowNo <> 1

-- update to include new parameters

declare @now datetime

declare @today datetime

set @now = getdate()

set @today = CAST(CONVERT(varchar(10),@now,101) as datetime)

update #temp set DOREV = Revision,

DOSHEET = case when len([Sheet (ID)]) > 6 then SUBSTRING([Sheet (ID)], 1, 6) else [Sheet (ID)] end,

DODATEREV = @today,

DODATEREC = @now,

DOOBSOLETE = NULL,

DOEFFECTIVE = [Change Log Date]

-- now drop extra columns and insert new revs into DDocTable

alter table #temp drop column Revision

alter table #temp drop column [Sheet (ID)]

alter table #temp drop column [Change Log Date]

alter table #temp drop column [Auth. Expiration Date]

alter table #temp drop column [Approved Date]

alter table #temp drop column RowNo

insert DdocTable select \* from #temp

-- leave new documents alone -- they must be entered manually

drop table #temp

commit tran

end try

begin catch

IF @@TRANCOUNT > 0

begin

rollback tran;

throw

end

end catch

go

### Setup

* Place FusionDocs.exe and FusionDocs.exe.config in the Fusion directory (production or test)
* Use Notepad to insert server, database, user and password in the config file:

<add name="FusionConnectionString" connectionString="Data Source=SERVER;Initial Catalog=DATABASE;Persist Security Info=True;User ID=esisa;Password=PWD" providerName="System.Data.SqlClient"/>

* Place a link to the exe on the user’s desktop.