# FusionDocs Release Notes

## FusionDocs Version 2 – 2/9/2018

### Database changes

* Run the following script to update the stored procedure that imports and processes documents.

-- 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

Revised 2/9/18 TEL

test:

AddOrUpdateDocuments

\*/

begin tran

-- truncate sheet id at 6 characters (limit for Fusion DDocTable)

Update \_FusionDocs set DocSheet = case when len([Sheet (ID)]) > 6 then SUBSTRING([Sheet (ID)], 1, 6) else [Sheet (ID)] end

-- get extensions for specific doc types

update \_FusionDocs set DocNum =

case [Acronym (Type)] when '' then ''

when 'PL' then 'PL'

when 'EPL' then 'PL'

when 'LWG' then 'LWG'

when 'PSDL' then 'DL'

when 'SSP' then 'SSP'

when 'SPECO' then 'SPECO'

else ''

end

-- get sheet number extensions for docs with sheet numbers (assumed to be drawings)

update \_FusionDocs set DocNum = 'SHT.' + DocSheet where DocSheet <> '' and DocNum = ''

-- append extensions

update \_FusionDocs set DocNum = substring([Data Item Number] + DocNum, 1, 30) where DocNum <> ''

-- for other docs, just use the part number

update \_FusionDocs set DocNum = [Data Item Number] where DocNum = ''

-- create compressed key

update \_FusionDocs set DocRef = dbo.fnCompress(DocNum)

-- set document status

update \_FusionDocs set DocStat = 'not found'

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(DocSheet) > 6 then SUBSTRING(DocSheet, 1, 6) else DocSheet end

select dd.\*,fd.Revision, fd.DocSheet, fd.[Change Log Date], fd.[Auth. Expiration Date], fd.[Approved Date],

ROW\_NUMBER() over (partition by fd.DocRef, fd.Revision, fd.DocSheet 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 = DocSheet,

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 DocSheet

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

go

## 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.