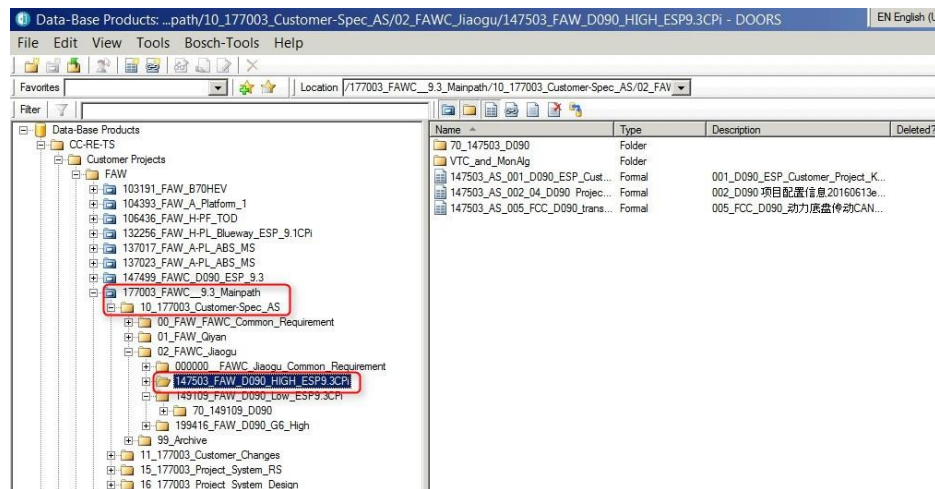


How to generate AS & FSCS report in Doors

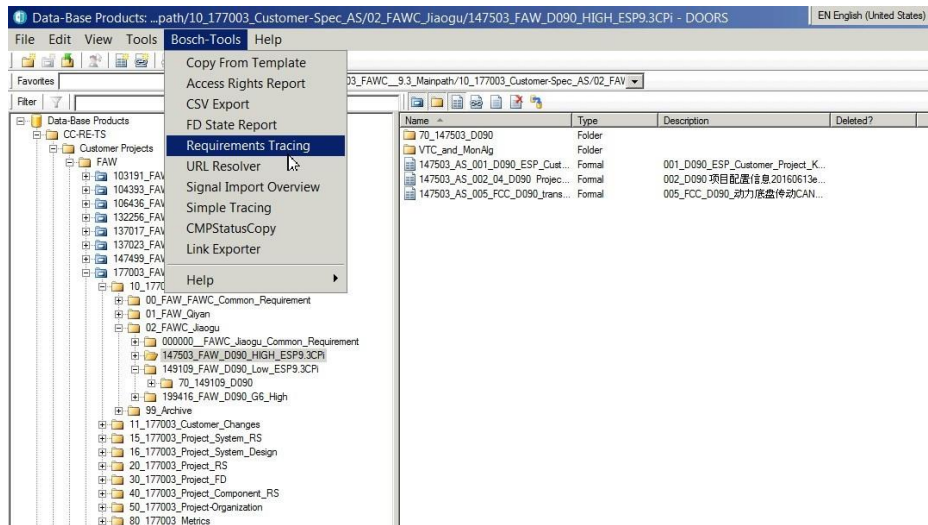
Version	Change History	Author
1.0	Initial file.	Yu Fangjie (CC-AS/EVA-N4-CN)
1.1	1. Update AS/FS Filter Rules and instruction. 2. Add AS/FS Mandatory Attributes.	Tan Minchao (CC-AS/EVA-W3-CN)
2.0	1. Update the SWAS to AS. 2. Update the color for some sentences. 3. Remove the simple tracing method of FSCS report. 4. Add DOORS Attributes Description List for reference.	Liu Pingbo (CC-AS/EVA-N4-CN)
2.1	1. Remove the "Link to SWxS"	Liu Pingbo (CC-AS/EVA-N4-CN)
2.2	1. Add AS csv report for checking AS<->Epic linkage 2. Update and add Chinese clear description for AS report filter rules	Tan Minchao (CC-AS/EVA-W3-CN)

Part1. How to generate AS report

1. DOORS-> Customer Projects-> Customer(ex. FAW) -> Project (ex. D090)-> 10 folder

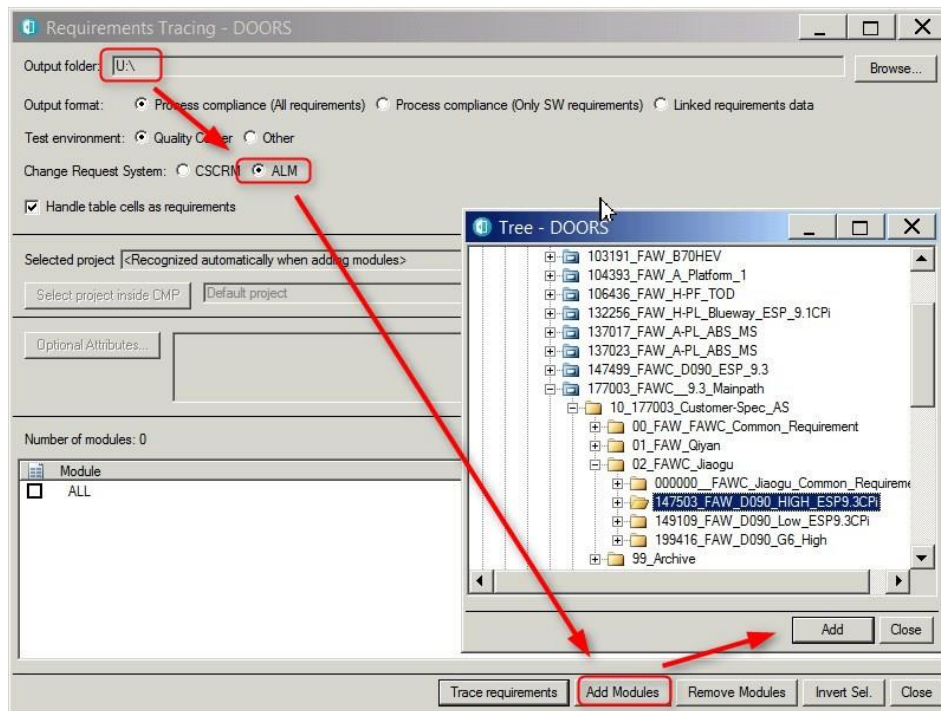


2. Bosch-Tools->Requirements Tracing

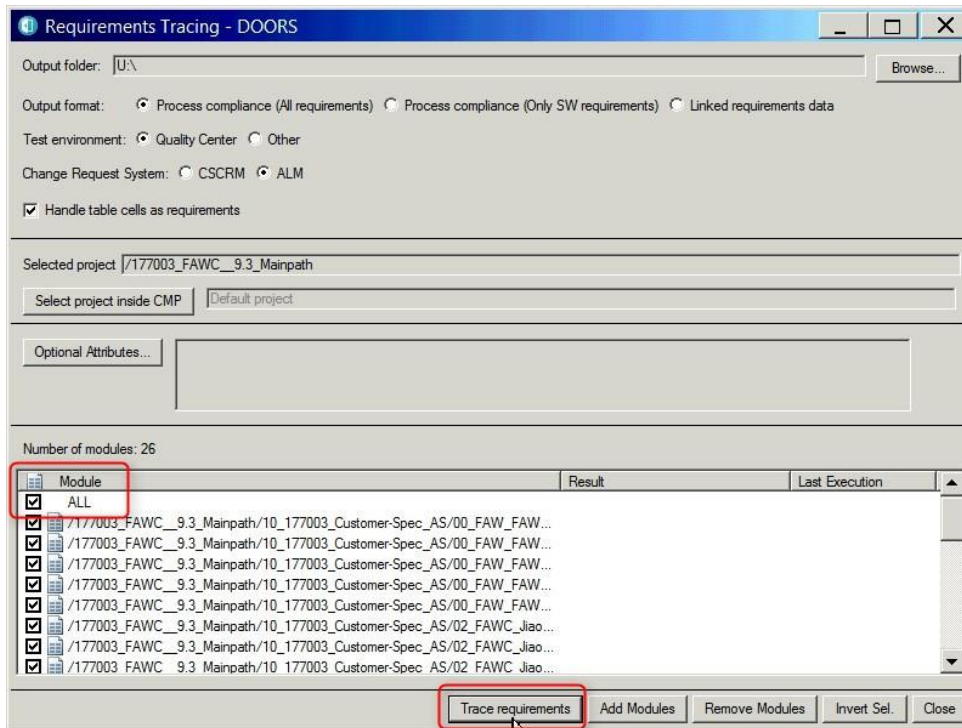


3. Select module

- Output folder set to U disk;
- Change Request System set to ALM;
- Add Modules -> choose the spec which you need, then add it



4. Select All -> Trace requirements -> then the report will generated at U:\, then filter it.



AS Report Filter Rules:

Open the AS RE report, and find the 42nd line and add filter it:

- Select "SW-PCM" in "RB_Allocation"
- Check the status in "RB_AS_Status", if the status is
 - "new":
 - If it is middle baseline RE, needs to check "RB_Baseline" first. The "new" item is acceptable if the baseline is > current baseline (for example, if the current baseline is 02, and the new items are in BSS03, it is OK)
 - If it is the final baseline RE, it can't have "new" items.
 - "rejected" or "accept_w_rem"
 - "RB_Change_Required" must be "no" and "RB_Agreed_by_Customer" must be "TRUE", and it must need comments for "RB_Remark_for_Customer".
 - "accepted"
 - Check "RB_Change_Required" column first, if the status is
 - "open":
 - If it is middle baseline, needs to check "RB_Baseline" first. The "open" item is acceptable if the baseline is > current baseline (for example, if the current baseline is 02, and the open items are in BSS03, it is OK)
 - If it is the final baseline, it can't have "open" items for this field.
 - "no":
 - Every status in "Change Required OK?"/"FNID OK?"/"Link OK?"/"(SW) RS Status OK?"/"Test linked?" should be OK.
 - "yes":

- Every status in “Change Required OK?”/“FNID OK?”/“Link OK?”/“(SW) RS Status OK?”/“ALM ID OK?”/“Baseline OK?”/“Test linked?” should be OK

c) Here is the **detailed criterial** for RE report:

	RB_AS_Status: only have 4 status: accepted, rejected, no req, accept_w_rem														
	RB_Change_Required: only have 2 status: yes, no														
	if (RB_AS_Status = rejected OR accept_w_rem), Column "RB_Remark_for_Customer" must be filled with comments, and "RB_Agreed_by_Customer" must be selected by TRUE														
	if ((RB_AS_Status =accepted OR accept_w_rem) && (RB_Change_Required = NO)), Column J, K, L, M must be OK														
	if ((RB_AS_Status =accepted OR accept_w_rem) && (RB_Change_Required = YES)), Column J, K, L, M, N, O, P must be OK														
Column	Attributes	Description													
J	Change Required OK?	"RB_Change_Required" must be "Yes" or "No" when RB_AS_Status is "accept". "Open" is NOK.													
K	FNID OK?	FNID must have value from SW-PCM													
L	Link OK?	Link of AS <-> SWFS/SWCS must be OK													
M	(SW) RS Status OK?	The attribute CP_Status_RB_RS must be same as "RB_AS_Status"													
N	CSCRM/ALM ID OK?	Link of SWFS/CS <-> Epic/Story must be OK													
O	Baseline OK?	Linked Epic/Story/Task has the correct planned for, not need to manually added													
P	Test Linked?	Take SWFS for example, attribute mentioned "RB_VerificationCriteria", "RB_Reference_Testcase", "RB_TestEnvironment" and "RB_VerificationType" must be OK													

d) Here is the **Chinese version criterial** for RE report:

Report

1. “FNID OK” 主要指的是FNID是否分配了
2. “Change Required OK?” 主要是change Required 属性栏是否填写“Yes”，“Open” 是NOK. “No” 不做统计
3. “Link OK?” 主要是指和对应的AS之间是否存在link,方向正确（从RS/SWxS(out)→ AS(in)）
4. “(SW)RS Status OK?” 主要指AS中的RB_AS_Status属性值和RS中的RB_RS_Status属性值是否保持一致
这里要特别注意的是：如果一个AS连接了多个RS/SWxS那么对应的所有的RS/SWxS都必须一致才行。
5. “CSCRM ID OK?”主要指对应的RS/SWxS有相应的epic/story作为implemented by 连接。同时需要注意的是
一条RS/SWxS不能对应多个epic/story, 只能对应一个
6. “Baseline OK?” 属于系统自带的，当“CSCRM ID OK”没有问题，一般也没有问题
7. “Test Linked?” 主要是指对应的RS/SWxS 的test 相关的属性要填写完整，主要属性如下所示：

VerificationCriteria_RB	➔ Additional information for Test development
VerificationType_RB	➔ either by Test, Inspection, Analysis, Demonstration or Certification
Referenced_Testcase_RB	➔ indicates test type: UT, CT or SWT
TestEnvironment_RB	➔ Vehicle or HIL or Simulation

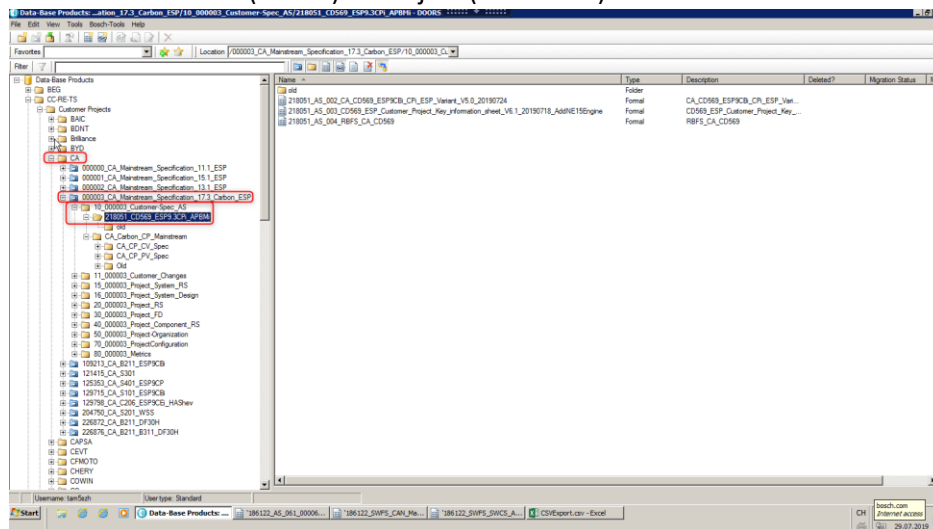
AS Mandatory attributes owner:

Mandatory Attributes	Owner
RB_Allocation	TPM
RB_Top_FNID	PCM
RB_AS_Status	TPM/PCM/FR
RB_Change_Required	FR
RB_Product_Requirements_Type	PCM/FR
RB_Planning_Feature	PCM

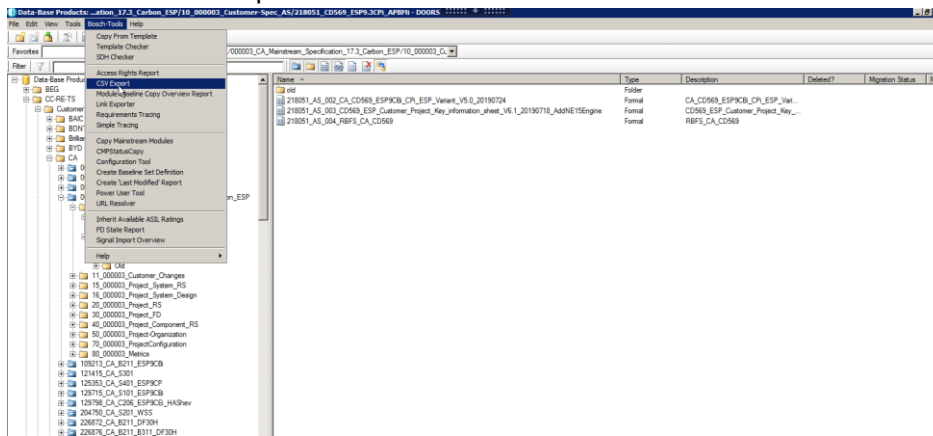
Part2. How to check AS <-> Epic linkage

From the AS report, AS <-> Epic linkage cannot be checked. Thus, AS CSV report is also needed to report

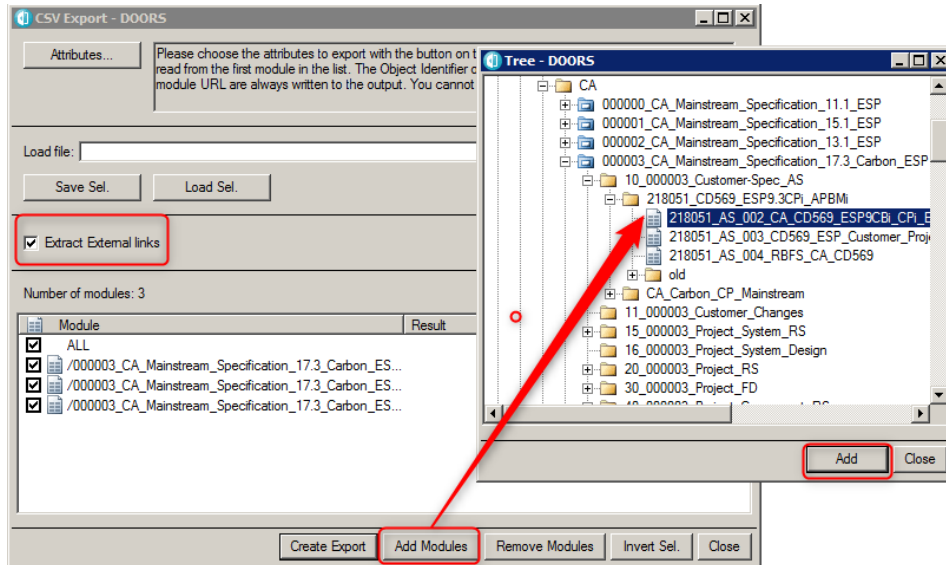
1. DOORS-> Customer (ex. CA) -> Project (ex. CD569) -> 10 folder



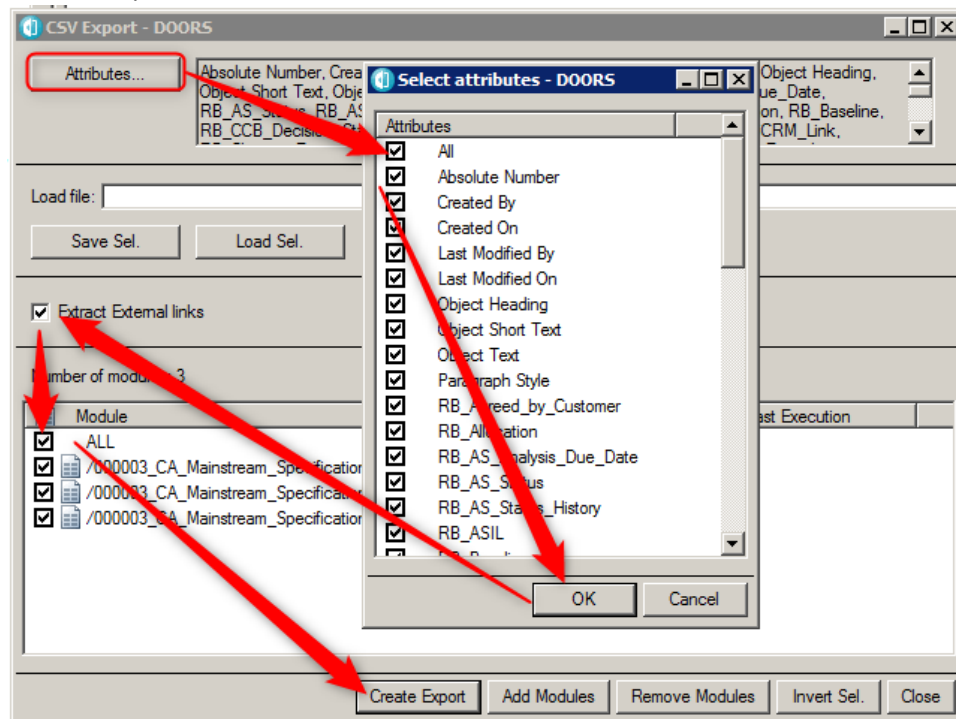
2. Bosch-Tools->CSV Export



3. Select the file which wants to export



4. Add the attribute by button “Attributes...” and click “Extract External links”, then click “Create Export”



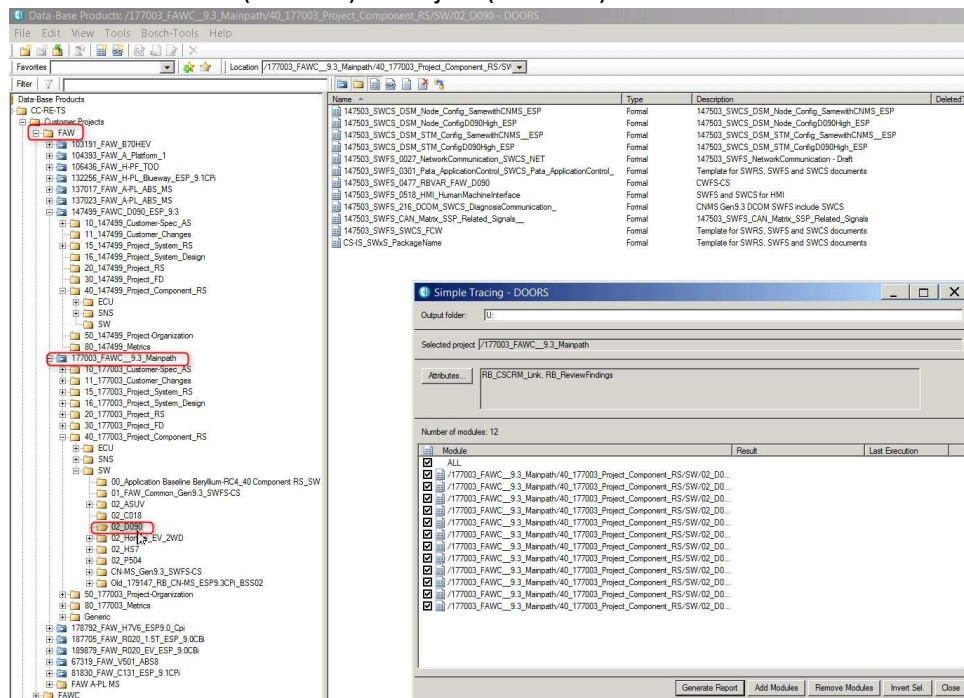
5. Save the exported report

AS CSV Report's filter rules:

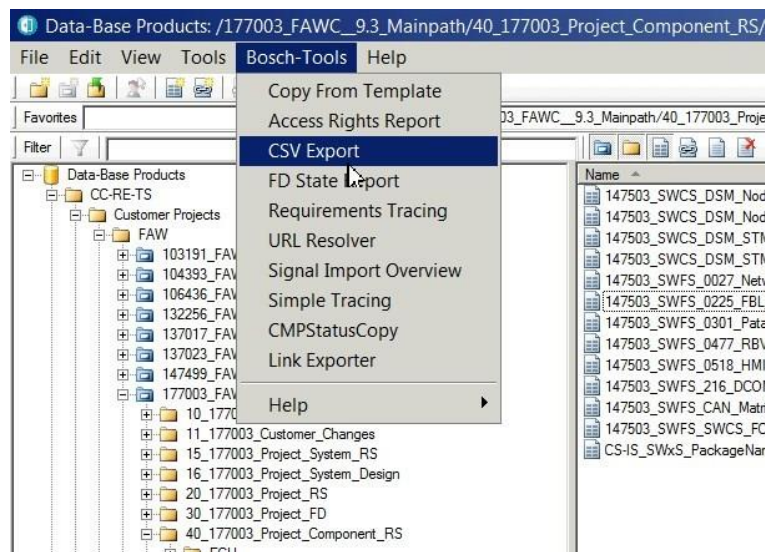
External links cannot be blank when “RB AS Status” is “accepted” and “RB Change Required” is “yes”, others can be blank.

Part3. How to generate FSCS report

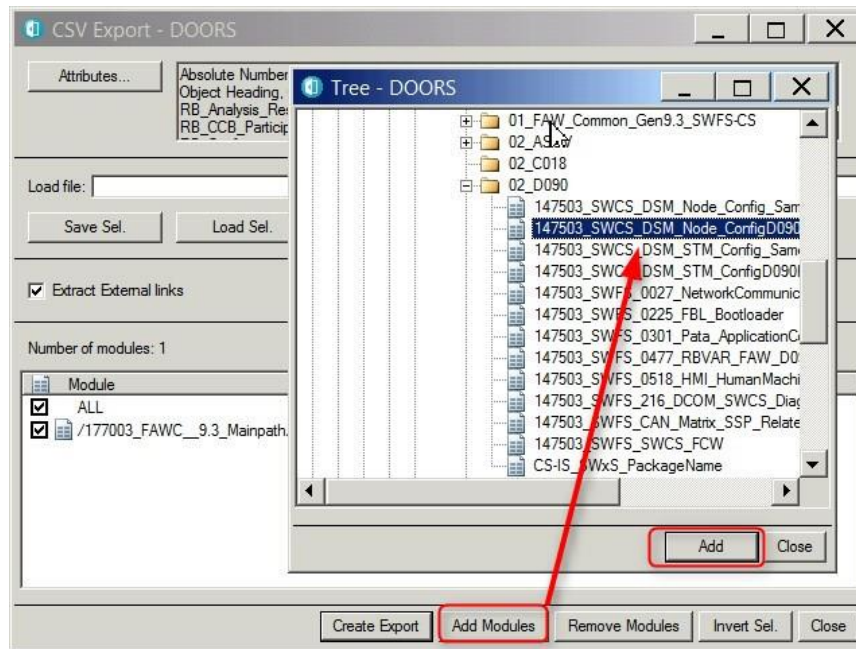
1. DOORS-> Customer(ex. FAW) -> Project (ex. D090)-> 40 folder



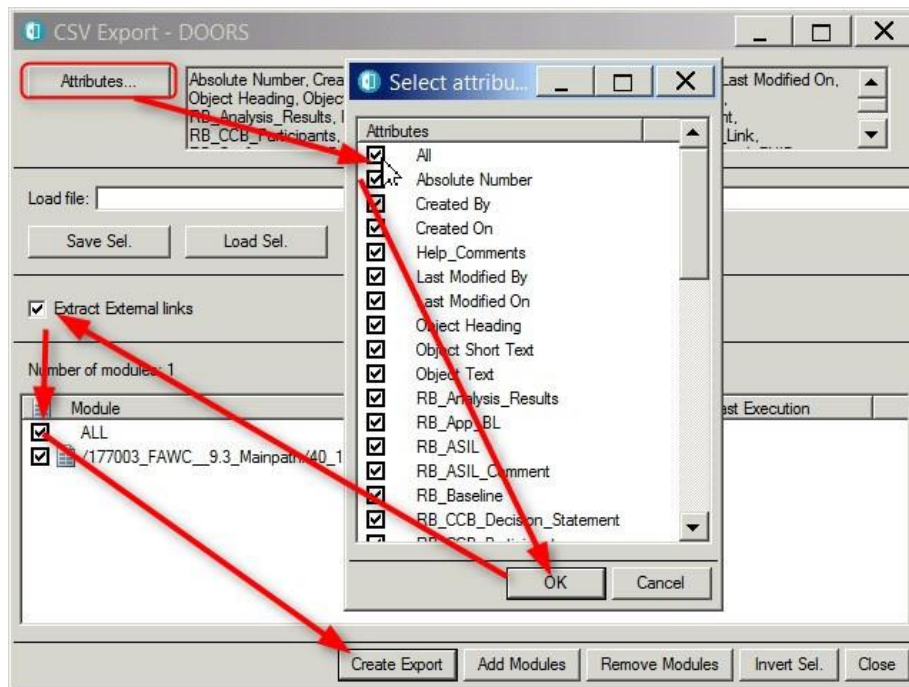
2. Bosch-Tools->CSV Export



3. Select the file you want export



4. Add the attributes and external links



FSCS Filter rules:

	Column	Attribute	Description
Requirement	Step1.	RB_RS_CP_Status	Check change request has been analyzed or not. RB_RS_CP_Status should not have the status "new" or "blank" new: Need analyze, then set it to accepted or rejected blank: Need check ext_allocated: Need check
	Step2.	RB_Product	Select correct product type, can NOT be "blank" Select correct product type
Realizing	Step3.	RB_Realizing_SWComponent	After all requirements been analyzed in Step1 (no "new" "blank"), Filter out the RB_RS_CP_Status = "accepted" item RB_Realizing_SWComponent should not be "blank"
	Step4.	RB_Realizing_Switem	Filter out the RB_RS_CP_Status = "accepted" items RB_Realizing_Switem should not be "blank"
Review	Step5.	RB_ReviewStatus	Filter out the RB_RS_CP_Status = "accepted" items RB_ReviewStatus should be "OK" Open: If any change is made for the item, the "RB_Review_Status" will be defaultly changed to "Open" Findings: Need check
	Step6.	RB_ReviewFindings	Filter out the RB_RS_CP_Status = "accepted" items RB_ReviewFindings should not be "blank". Need to have reviewer's comments.
Test	Step7.	RB_Environment	Filter out the RB_RS_CP_Status = "accepted" items RB_Environment should not be "blank". Need to select one correct test enviroment.
	Step8.	RB_VerificationCriteria	Filter out the RB_RS_CP_Status = "accepted" items RB_VerificationCriteria should not be "blank".
	Step9.	RB_VerificationType	Filter out the RB_RS_CP_Status = "accepted" items RB_VerificationType should not be "blank". Need to select a correct test type.
	Step10.	RB_Referred_Testcase	Filter out the RB_RS_CP_Status = "accepted" items RB_Referred_Testcase should not be "blank". Need to select the correct test case, CT/UT/SwT
Linkage	Step11.	External Links	Filter out the RB_RS_CP_Status = "accepted" items If AS is accepted with changes "yes", the External Links should not be "blank"

FSCS Mandatory Attributes owner:

Mandatory	Owner
RB_Product	FR
RB_RS_CP_Status	FR
RB_Realizing_SWComponent	FR
RB_Realizing_SWitem	FR
RB_Referenced_Testcase	FR
RB_ReviewFindings	FR
RB_ReviewStatus	FR
RB_TestEnvironment	FR
RB_VerificationCriteria	FR
RB_VerificationType	FR
External Links	FR
External Links Status	FR

注:

AS & FSCS Mandatory Attributes owner can refer to DOORS Attributes Description List :

➔ <http://abt-prolib.de.bosch.com:8080/pkit/main.do;jsessionid=2CB8213D7D1C8DC848DBAD43176E32E8>

Path:

>> [SDH ComPact](#) >> [Additional information](#) >> [Product Engineering](#) >> [Requirements, Architecture and Design](#) >> [Instructions](#) >> [RAD General](#) >> [DOORS Attributes Description List](#)