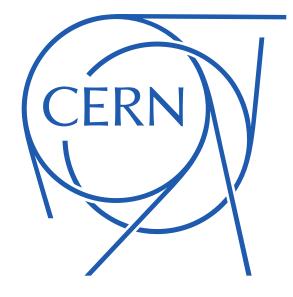
33th CERN CATIA Forum



Tips and tricks 27.06.2019 – E.Urrutia for Kraftanlagen / Assystem

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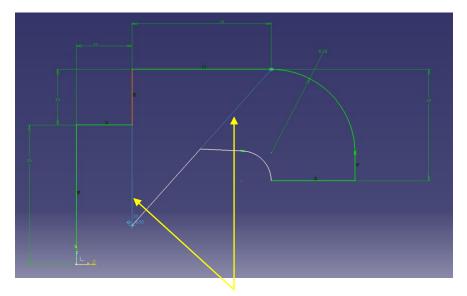


Auto-constraint mode deactivation during sketch edition

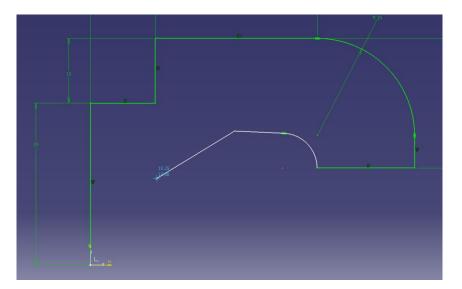




To avoid some inconvenience during sketch creation, the auto-constraint can be quickly disabled temporarily



Automatic constraints detection and creation is often useful to design a shape But in some case it can lead to unwanted constraints creation or inconvenience during manipulation



By clicking the Shift key during creation the option is disabled

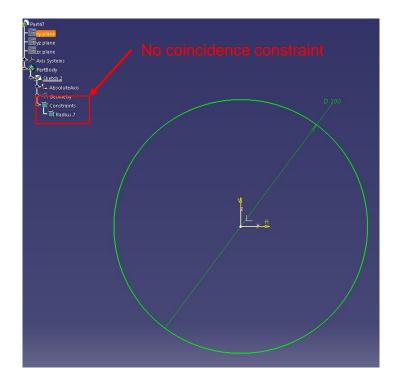


Disconnect object fixed by invisible constraint

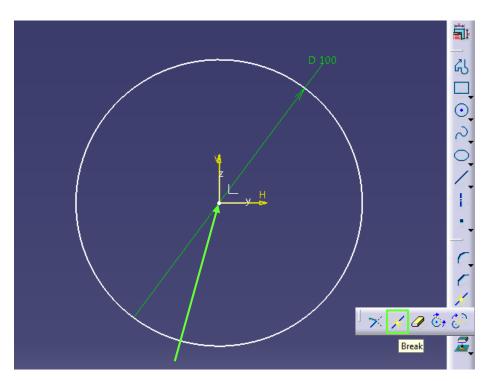




During sketch creation, objects fixed by an invisible constraint can be released



In this case the circle centre is fixed to the origin but no visible constraint exists



By using the Break function on the center point, it can be isolated



27/06/2019

Change team by default in Smarteam





Change of team by default in Smarteam is possible when you save a part for the first time

😪 Profile Card		- 🗆 X	OK Cancel		
			Data Chart		Select the desired Team
Profile Card	o Item	General System Information Standard Part Info from Item	Date Chart Dass Project Name 172 ScAD-Te-Cyo 172 CAD-Taring-Students 173 CAD-Vorkshop-Machning 175 CAD-Valkshop-Machning 176 CAD-Valkshop-Machning 177 CAD-Valkshop-Machning 178 CAD-eRMC-RIMM design 178 CAD-endge-sticd-all 178 CAD-undge-sticd-all 180 CAD-H-RRD_DESIGN 181 CATA-COLIMATEUR-DESIGN 189 CATA-COLIMATEUR-DESIGN	State Created by Mynarck, Mchal	of Hereit the desired realing + OK
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Material Mass (g) Access Rights Responsible Emiliano - Umulia	Take Responsibility Keep / Overwrite Change Team			A dialog box ask you if you Team as	u want it as
	OK Cancel Help				

Before saving, click on change «Change Team»

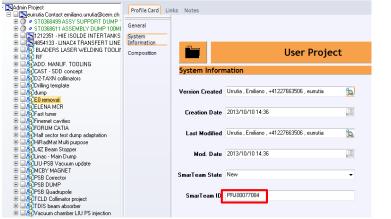


Projects shortcut for a save in Smarteam





A savedproject search in Smarteam allowes to gain time for future save operation in dedicated project



To perform a project search, 1. Copy the SmarTeam ID in the profile card

Projects:	D2-TAXN collin	nators	🦊 .	. 🗈 🛛 💕	3	Find Pa	arent -
		idions.				rinu rg	
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ile Name							
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File Name Save as <u>c</u> las		IA Part				¥	

2. Select Search by attribute in the Smarteam save window

Search <u>c</u> lass			
Class Browser G. Classes F Projects		Projects	General System Information
	System Information		
	Version Created		
	Creation Date	.2	
	Last Modified		
	Mod. Date		
	SmarTeam State	•	
	SmarTeam ID		
ptions			
Match case Retrieve only last public revisions			
Make search public to all users	٠ III	4	
B	un Qose Save Save	Save As Attributes Clear	Help
		Save as	

3. Paste the ID in the search window (System information tab) + Save As



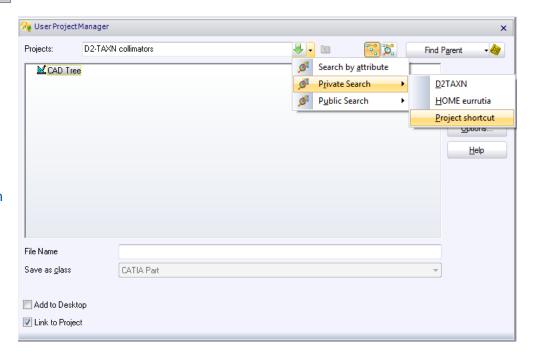


A savedproject search in Smarteam allowes to gain time for future save operation in dedicated project

earch <u>l</u> ist		
Name	Scope	Save
🝠 CATIA Parts	Public	Cancel
🝠 CATIA Parts_2	Public	Cancel
🚰 D2TAXN	Private	Help
🝠 Documents	Public	Tob
词 Documents in Project	Public	
🝠 HOME eurrutia	Private	
🚰 ltems	Public	
词 Items in Project	Public	
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4. Name it as wanted in the Save search Box

5. You can now find it in the private search tab for future save operations





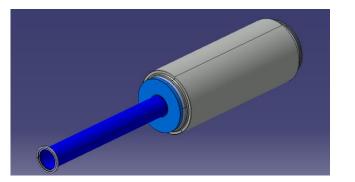
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Assembly cut function

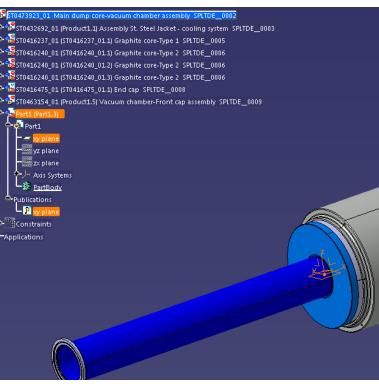




For visual representation in assembly a cut on some part can be helpful to visualize specific things



Open the assembly or sub-assembly you want to edit



Create a new part which contains the cutting element. This element must be published

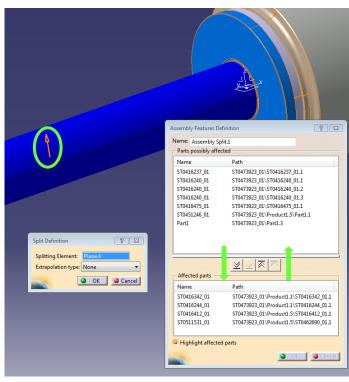


Select the Split tool

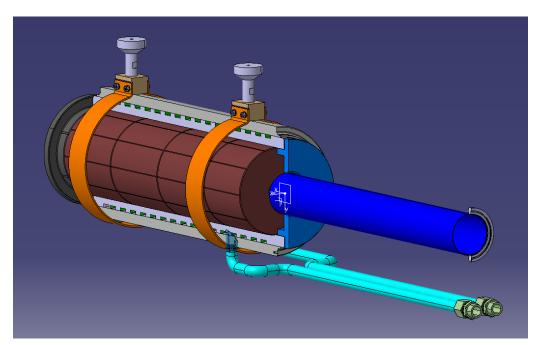


27/06/2019

For visual representation in assembly a cut on some part can be helpful to visualize specific things



- Select components you want to be cut and those you want to keep
- Select the cutting direction
- Click OK



You can now visualize the assembly with some parts cut as you need



