

# GRIF 2016



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GRIF 2016

## SUMMARY (1/2)

- Compute management
- Preparation of calculations
- Template manager
- Track changes
- List of constraints for attributes
- Import of parameters
- Create several parameters



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## SUMMARY (2/2)

- Tooltips with value
- Group overview
- White background
- Read Only
- Find / Replace
- Filter



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## COMPUTE MANAGEMENT

Icon for compute management

Details of error

Green: finished  
Yellow: in progress  
Red: Error

Computations

Time	CPU	Document	Computation na...	Progress	Status
08:07:10	6	03-Club-GRIF-2	default-Moca	100%	Green
08:07:27	10	03-Club-GRIF-2	default-Moca	default-Moca 0%	Yellow
08:07:38	10	03-Club-GRIF-2	New_Ibd	New_Ibd 0%	Yellow
08:08:11		03-Club-GRIF-2	New_MTTR	100%	Green

Computations

Maximum number of CPU : 8

☒ Display the compute manager for each new computation

☒ Mask the compute management when calculations are finished

☒ Save results in default path of the result-bank if possible.

☒ Automatic result display

OK Cancel Help

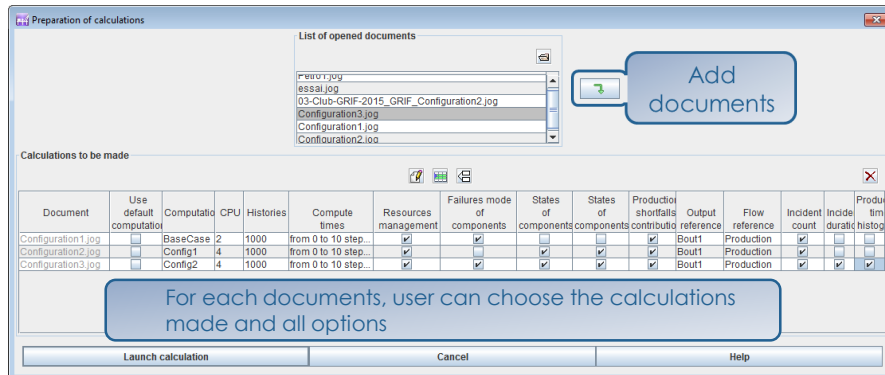


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## PREPARATION OF CALCULATIONS



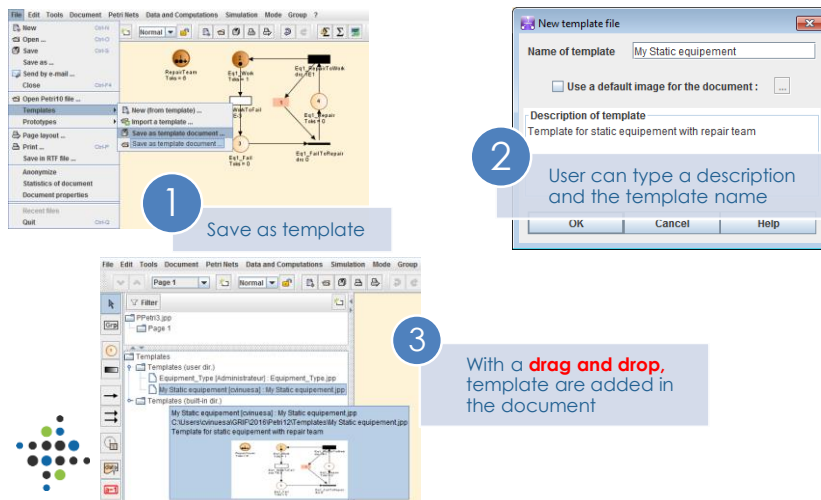
Icon for  
Preparation of  
calculations



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## TEMPLATE MANAGER

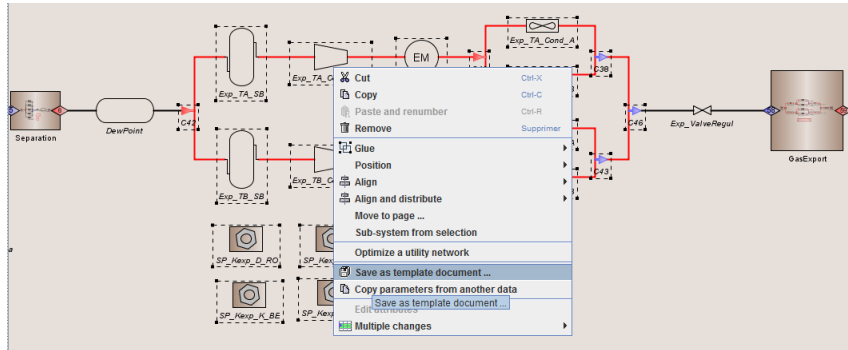
### ● Template from a document



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## TEMPLATE MANAGER

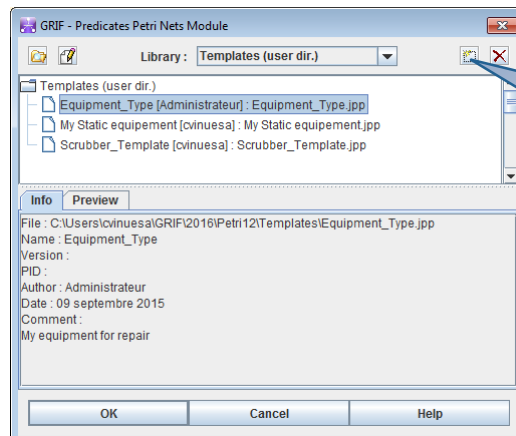
- Template from a part of model



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## TEMPLATE MANAGER

- Template libraries management



Several libraries can be added



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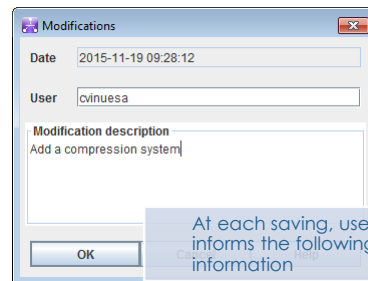
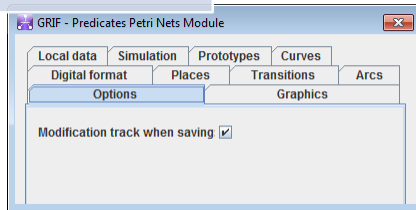
GRIF 2016

## TRACK CHANGES

- For each saving:

1

Select the option in  
**Document options**



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At each saving, user  
informs the following  
information



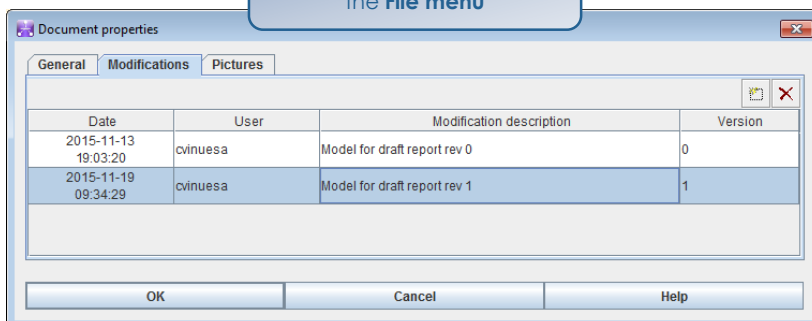
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## TRACK CHANGES

- When user wants:

In the **document properties** in  
the **File menu**



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## LIST OF CONSTRAINTS FOR ATTRIBUTES

- Create the list of constraints for "enumerate" attribute by copy/paste

Ctrl + C

GRIF - Module Petro

Entering a constraint on the attribute ensures the proper use of the attribute in the model.

Constraint type: Enumerate

Value:

Vendor\_1  
Vendor\_2  
Vendor\_3  
Vendor\_4  
Vendor\_5

OK Cancel Help

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## IMPORT OF PARAMETERS

- If the user has already created all the parameters in an another GRIF file:

Import parameters

Import from a GRIF file of this module

Import from CSV file

Select GRIF module file

Parameters are copied to current document

Parameters

Domain	Name	Description	Dimension	Value
Float	Compressor_Lam...	Compressor_Lamb...	Other	1.0E-6
Float	Compressor_Mu	Compressor_Mu	Other	0.01
Float	Static_Lambda	Static_Lambda	Other	1.0E-8
Float	Static_Mu	Static_Mu	Other	0.0025
Float	Capa_Max	Capa_Max	Other	100.0

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## IMPORT OF PARAMETERS

- From a CSV file.

	A	B	C	D	E
	ID	NAME	VALUE	DESCRIPTION	DIMENSION
1					
2	1	Compressor_Lambda	1.00E-06	Compressor_Lambda	OTHER
3	2	Compressor_Mu	1.00E-02	Compressor_Mu	OTHER
4	3	Static_Lambda	1.00E-08	Static_Lambda	OTHER
5	4	Static_Mu	2.50E-03	Static_Mu	OTHER
6	5	Capa_Max	1.00E+02	Capa_Max	OTHER

Parameters are created but without link

Domain	Name	Description	Dimension	Value
Float	Compressor_Lam...	Compressor_Lamb...	Other	1.0E-6
Float	Compressor_Mu	Compressor_Mu	Other	0.01
Float	Static_Lambda	Static_Lambda	Other	1.0E-8
Float	Static_Mu	Static_Mu	Other	0.0025
Float	Capa_Max	Capa_Max	Other	100.0

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## CREATE SEVERAL PARAMETERS

Add several data

How many new Parameters:

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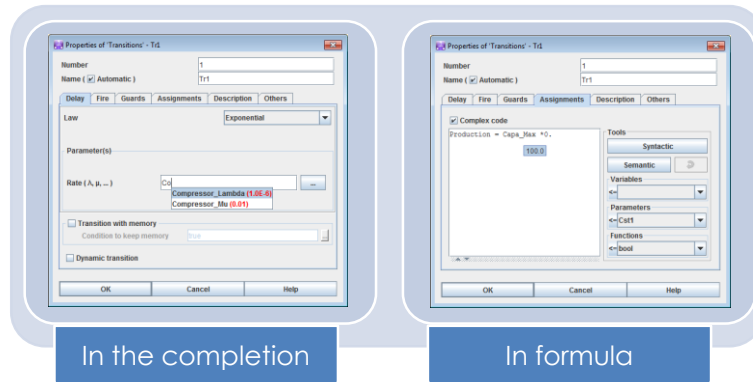
OK Annuler

Domain	Name	Description	Dimensi...	Value
Float	Cst1		Other	NaN
Float	Cst2		Other	NaN
Float	Cst3		Other	NaN
Float	Cst4		Other	NaN
Float	Cst5		Other	NaN
Float	Cst6		Other	NaN
Float	Cst7		Other	NaN
Float	Cst8		Other	NaN
Float	Cst9		Other	NaN
Float	Cst10		Other	NaN

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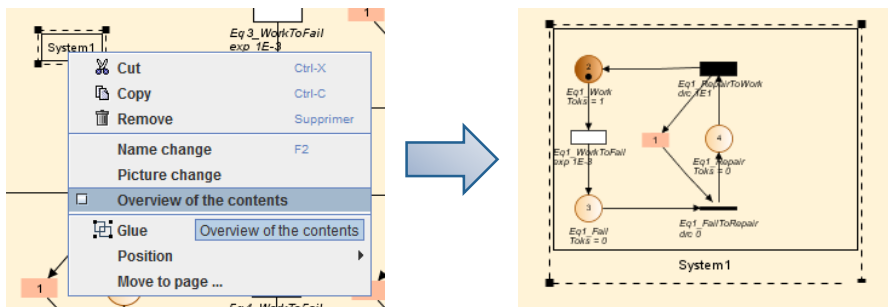
## TOOLTIPS WITH VALUE

- In the tooltip it is possible to see the value



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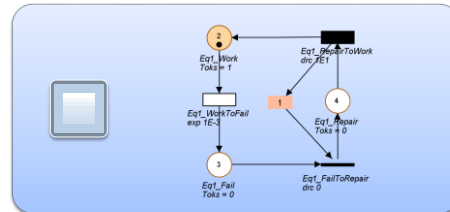
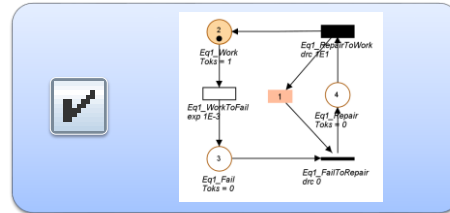
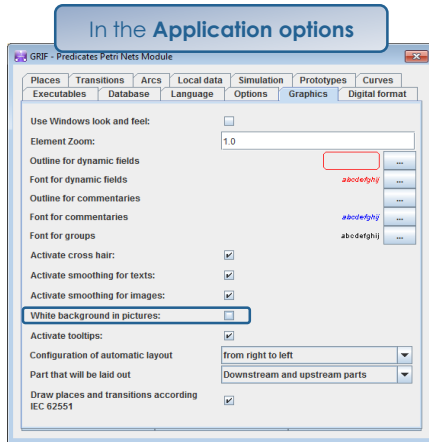
## GROUP OVERVIEW



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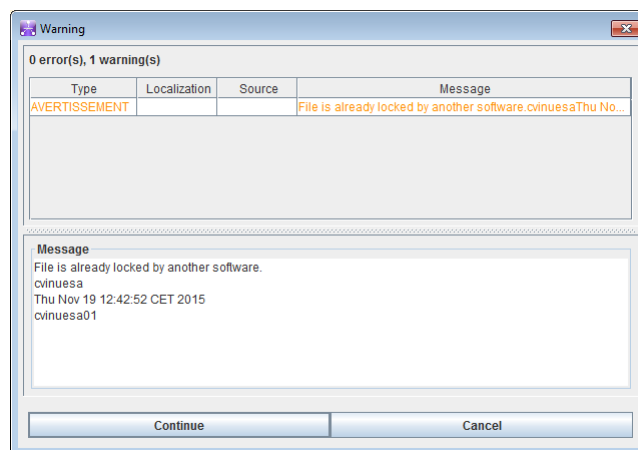
## WHITE BACKGROUND



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## READ ONLY

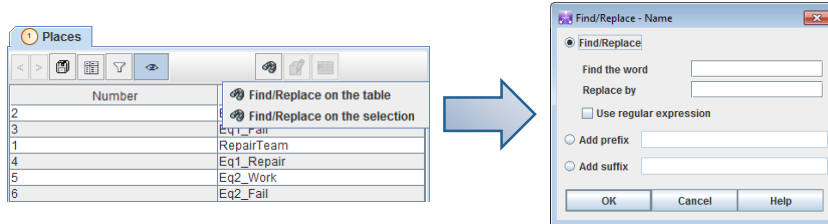
- Files shared on a network



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## FIND/REPLACE

- In all tables, find/replace:



- On the selected column that must be a "text" column



## FILTER

- It will be possible to filter table only with the beginning of the word automatically.



# THE END



**SATODEV**

SAFETY TOOLS DEVELOPMENT

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