

NoPain – Meeting

Cottbus

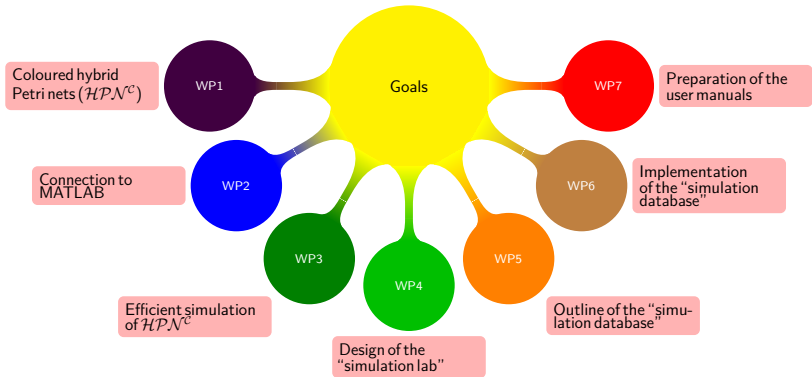
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<http://www-dssz.informatik.tu-cottbus.de>

February 26, 2014

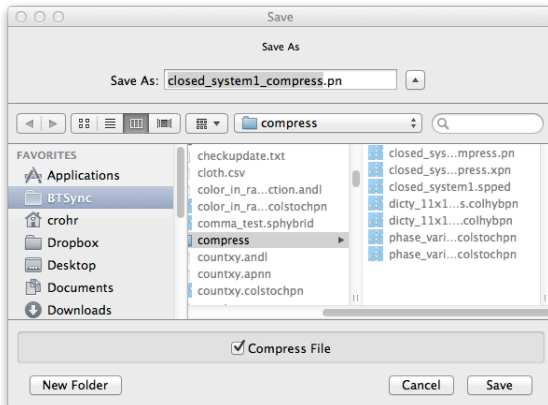
Work Packages



Review – File Format



- enable/disable compression in global preferences
- new files compressed with respect to preferences
- existing files are uncompressed
 - *Load -> Save As -> check **Compress File***
- revert compressed files
 - *Load -> Save As -> uncheck **Compress File***



Review – File Format



Comparison

File	Size	Compressed	Ratio
closed_system1	2.1MB	144KB	93.4%
dicty_11x11_121Cells	1.1MB	39KB	96.3%
phase_variation_in_space4_101x101	6.1MB	97KB	98.4%
2D8_gradient_50x50_unfolded	72.9MB	3.7MB	95%

Report Generator



- generate report for snoopy file
- get as much informations as possible out of the net
- put into a single document
 - for publication and documentation
- generate report in \LaTeX and pdf (if possible)
- generic, usable for all netclasses in snoopy

Report Generator



General

Export Properties

General Basics Graph Elements Declarations Hierarchy

Filename:

Reorder tabs as required

- ☒ Basics
- ☒ Graph Elements
- ☒ Declarations
- ☒ Hierarchy

☒ Generate PDF Report

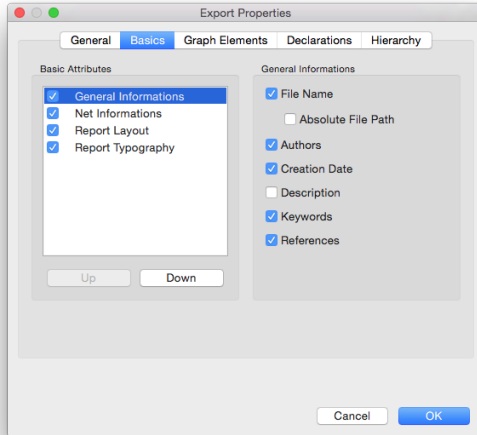
Latex Compiler Location:

PDF Filename:

Report Generator



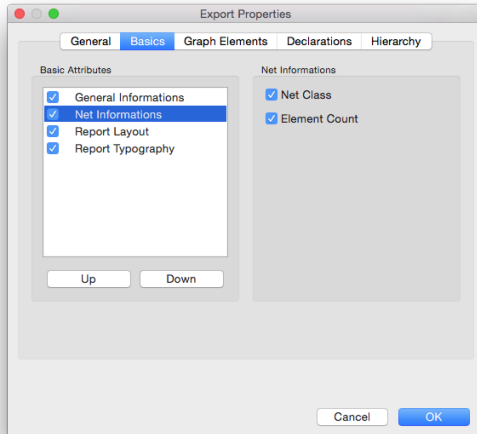
Basics



Report Generator



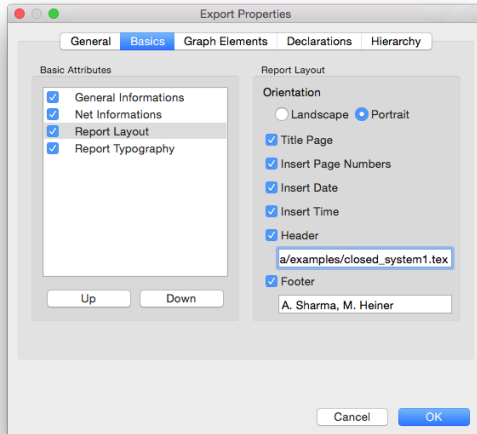
Basics (2)



Report Generator



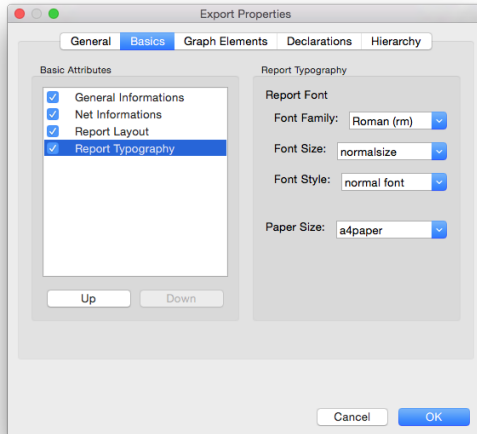
Basics (3)



Report Generator

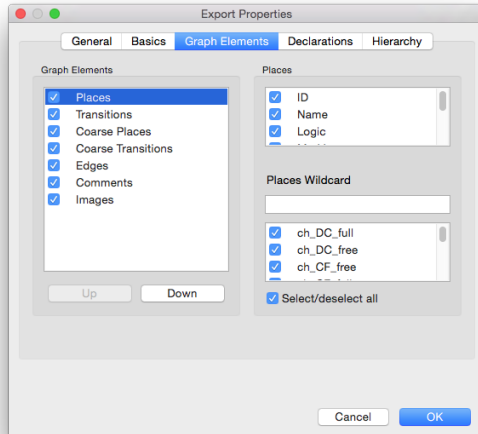


Basics (4)



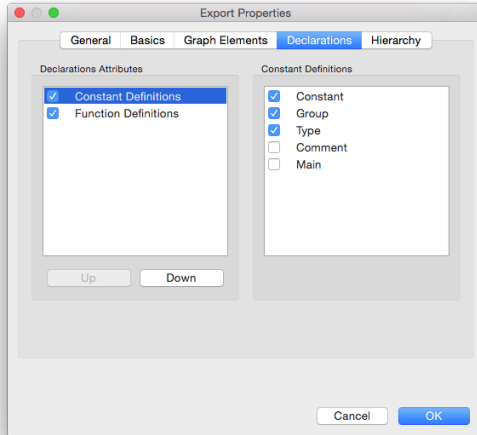


Graph Elements



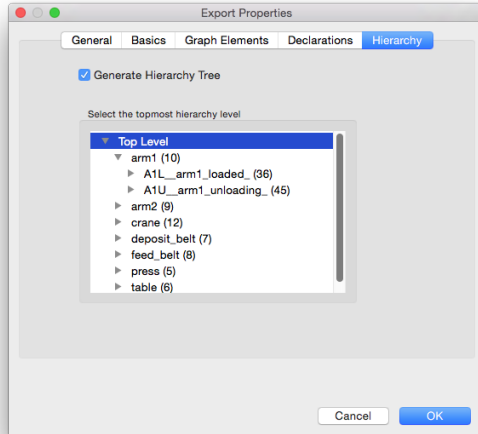


Declarations





Hierarchy





Result

- several \LaTeX files, one file per selected *element*
- images of the selected (sub-)nets
- generated pdf document (requires \LaTeX environment)

Report Generator



Result (2)

File Name (default) / Net Name (if set)

example2015/5

Generated Report (Title)

<http://www.thom.infomatik.uni-cottbus.de/0000/Software/Theory>

11/02/2015

File Name (default) / Net Name (if set)

example2015/5

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File Name (default) / Net Name (if set)

example2015/5

1 Basics

It contains all basic information: net-specific

1.1 General Information

It contains all general information: net-specific

File Name: `example2015/5`

File Path: `C:\Users\user\Documents\example2015/5`

Author: M. Heiner, A. Heiner

Creation Date: 22/01/2015

Descriptions: (example description) This is a Petri net illustrating the course structure of the first semester of the first semester.

Keywords: Petri net, Petri net, Petri net

References: [1, 2]

1.2 Net Information

It contains all net information: net-specific

Net Class	Element Count
Place	202
Transition	202
Edge	600

1.3 Images

It contains all added images: net-specific

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Report Generator



Result (3)

File Name: (default) / Net Name: (if set) image2015

2 Graph Elements

It contains all information about graph elements for the net

2.1 Places

Places table

ID	NAME	DESIGN	MAXIMUM	INITIALS	CURRENT REFERENCE
1	Place1	✓	0	0	1.1, 1.2, 1.3
1	TRANSITION	✓	0	0	1.1, 1.2, 1.3
2	Place2	✓	0	0	1.1
1	TRANSITION	✓	0	0	1.1

2.2 Transitions

Transitions table

ID	NAME	DESIGN	INITIALS	CURRENT REFERENCE
1	Transition1	✓	0	1.1, 1.2, 1.3
1	TRANSITION	✓	0	1.1, 1.2, 1.3
2	Transition2	✓	0	1.1
1	TRANSITION	✓	0	1.1

2.3 Coarse Places

Coarse Places table

NAME	DESIGN	INITIALS	CURRENT REFERENCE
Coarse Place1	✓	0	1.1, 1.2, 1.3
Coarse Place2	✓	0	1.1

2.4 Coarse Transitions

Coarse Transitions table

NAME	DESIGN	INITIALS	CURRENT REFERENCE
Coarse Transition1	✓	0	1.1, 1.2, 1.3
Coarse Transition2	✓	0	1.1

2.5 Arcs

Arcs table (designs get to be finalized)

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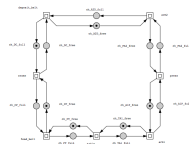
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File Name: (default) / Net Name: (if set) image2015

4 Hierarchy

It contains all selected hierarchy net figures, not specific

4.1 Level 0: Top Level



Milestones



	2013				2014				2015			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
WP1		M1										
WP2				M2								
WP3						M3						
WP4								M4				
WP5								M4				
WP6												M5
WP7												M6

Next steps...



- completing M4
- working on M5



Thank you for your attention!