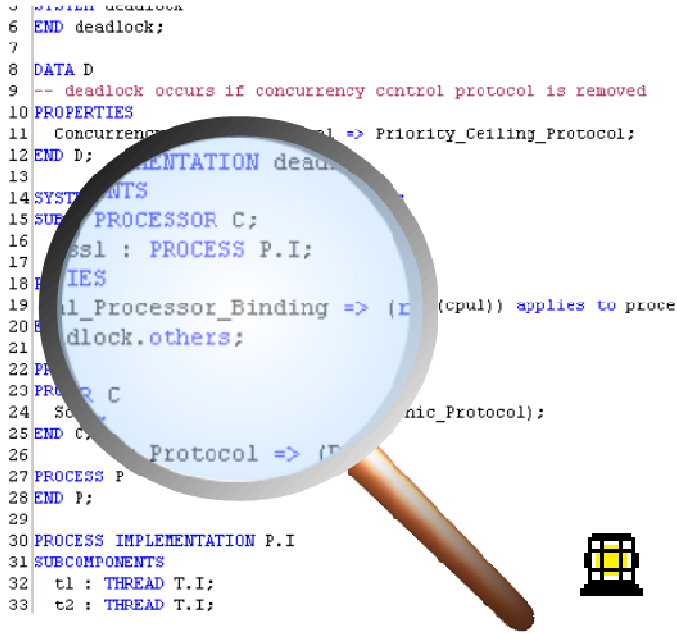
AADL Inspector 1.7
Quick Start Guide



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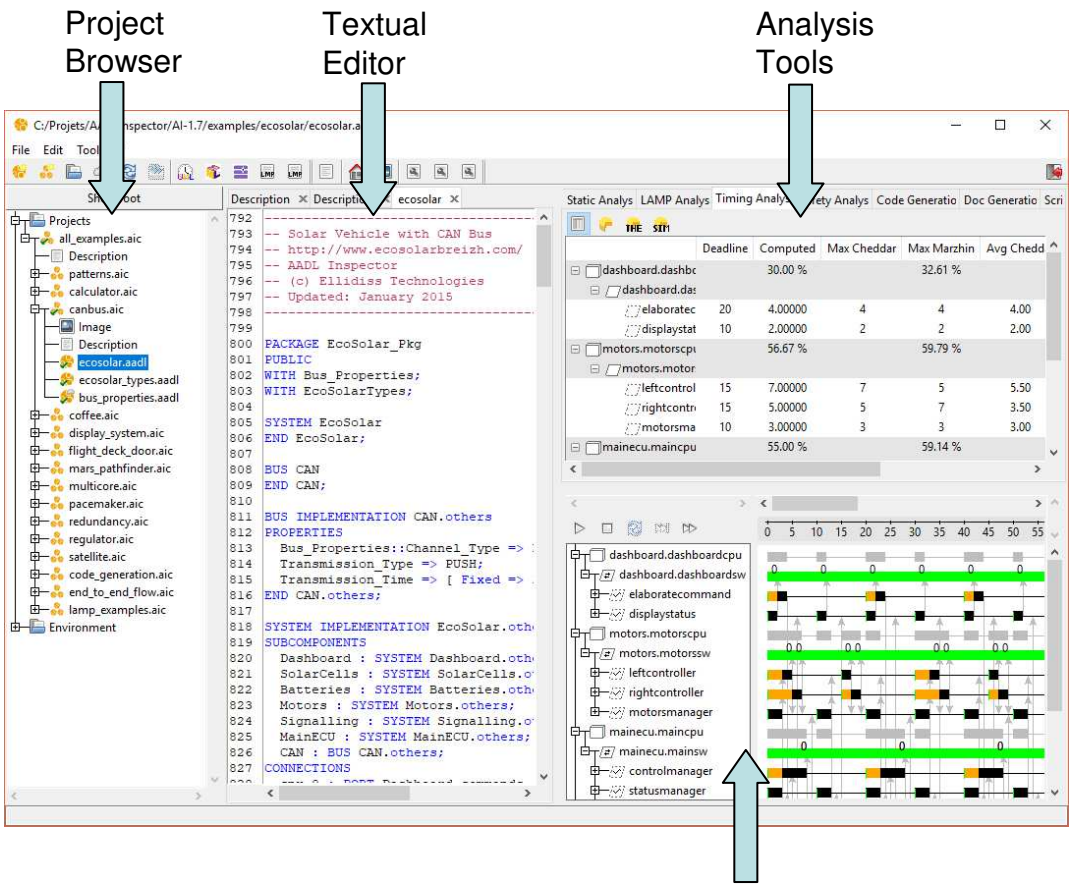
Overview



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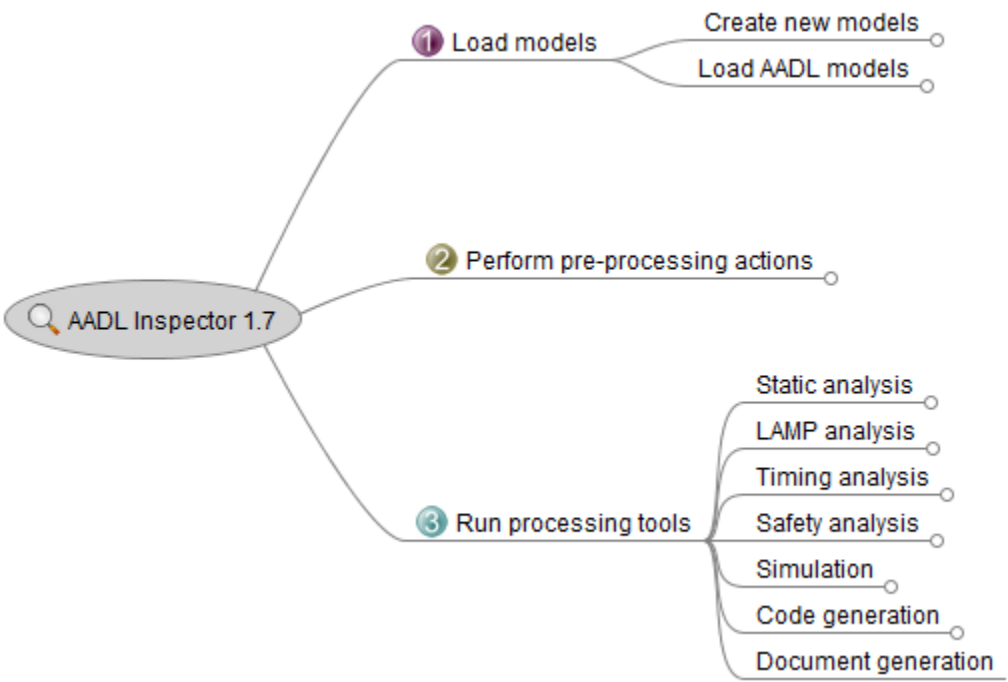
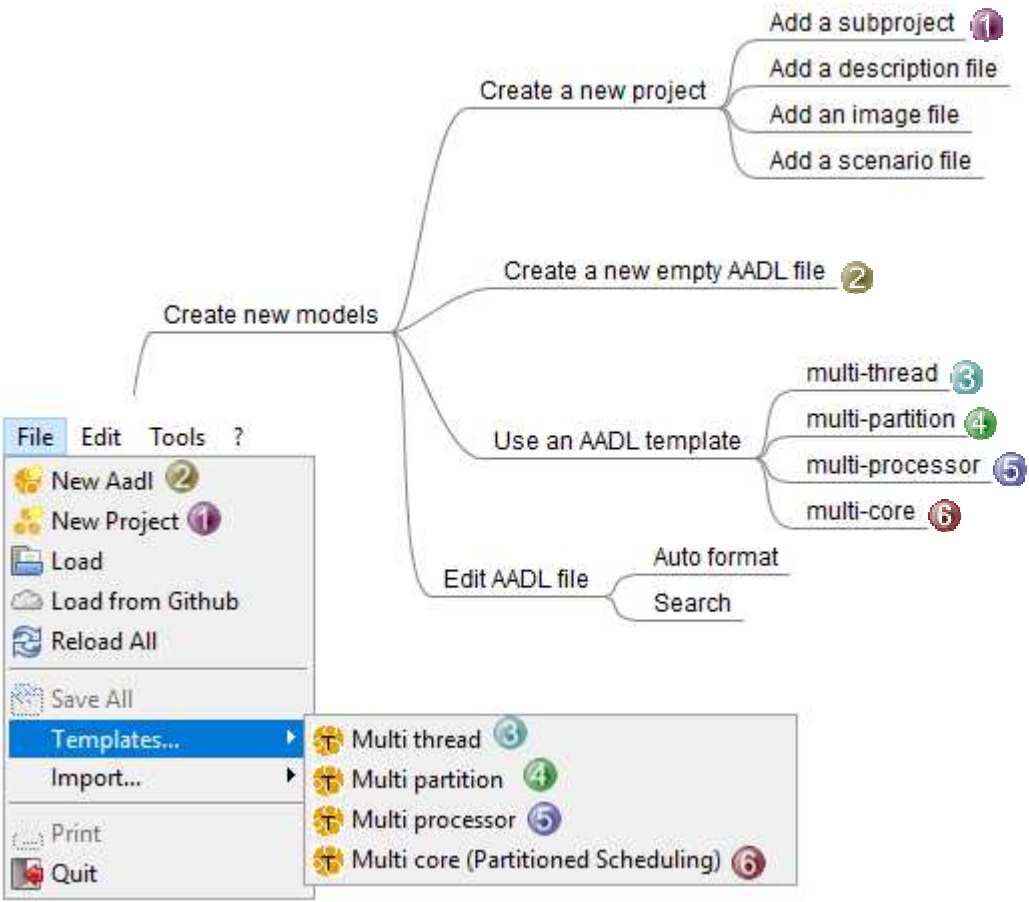
Overview


AADL Inspector 1.7
1 Load models
Create new models
Load AADL models
2 Perform pre-processing actions
3 Run processing tools
Static analysis
LAMP analysis
Timing analysis
Safety analysis
Simulation
Code generation
Document generation

Create New Models



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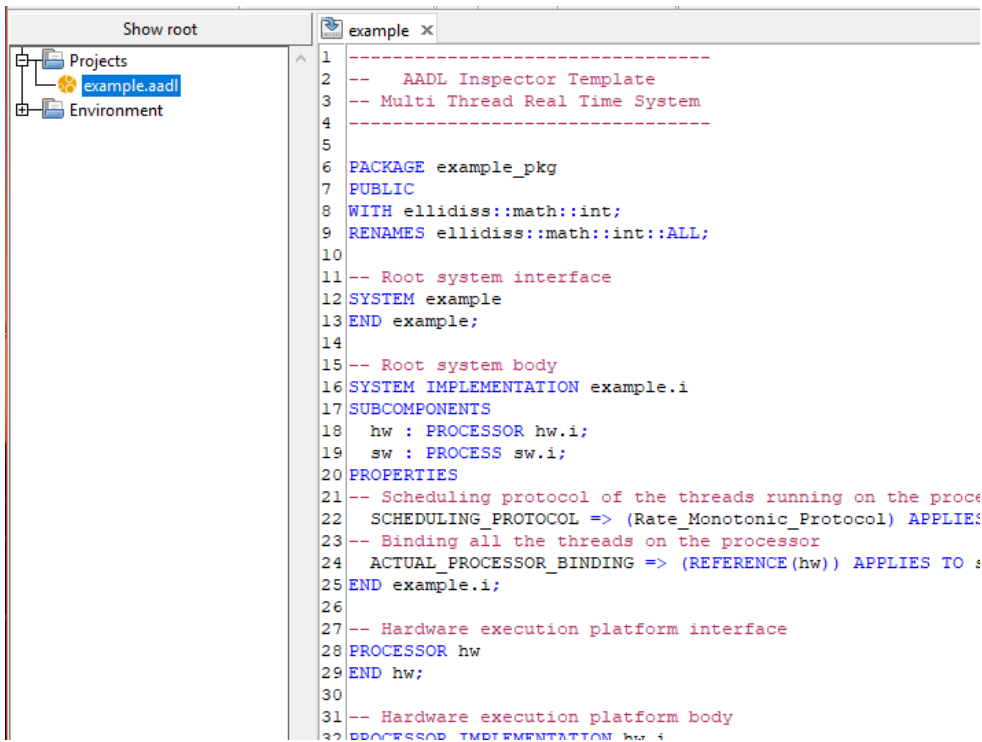
Create New Models



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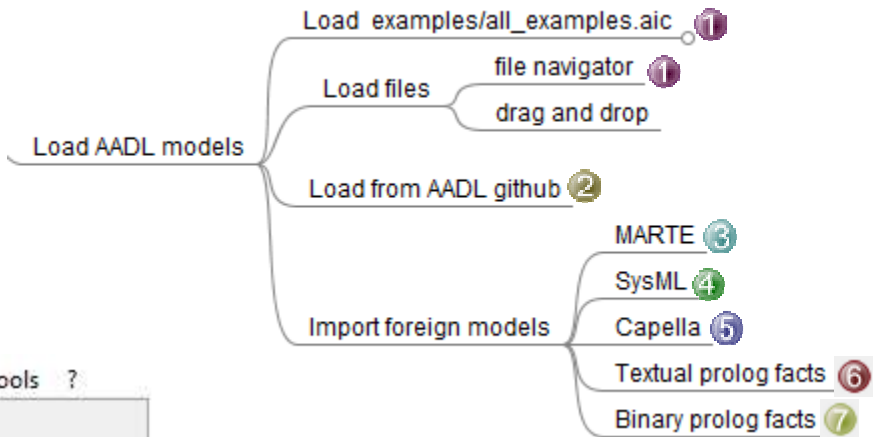
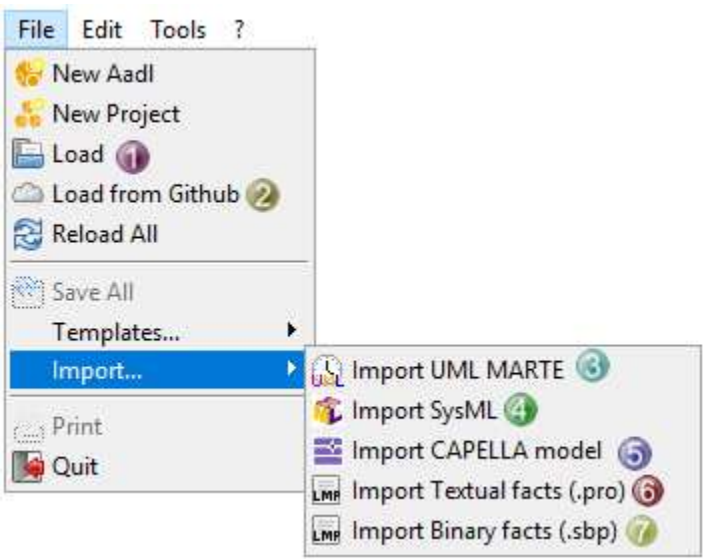
Load Existing Models





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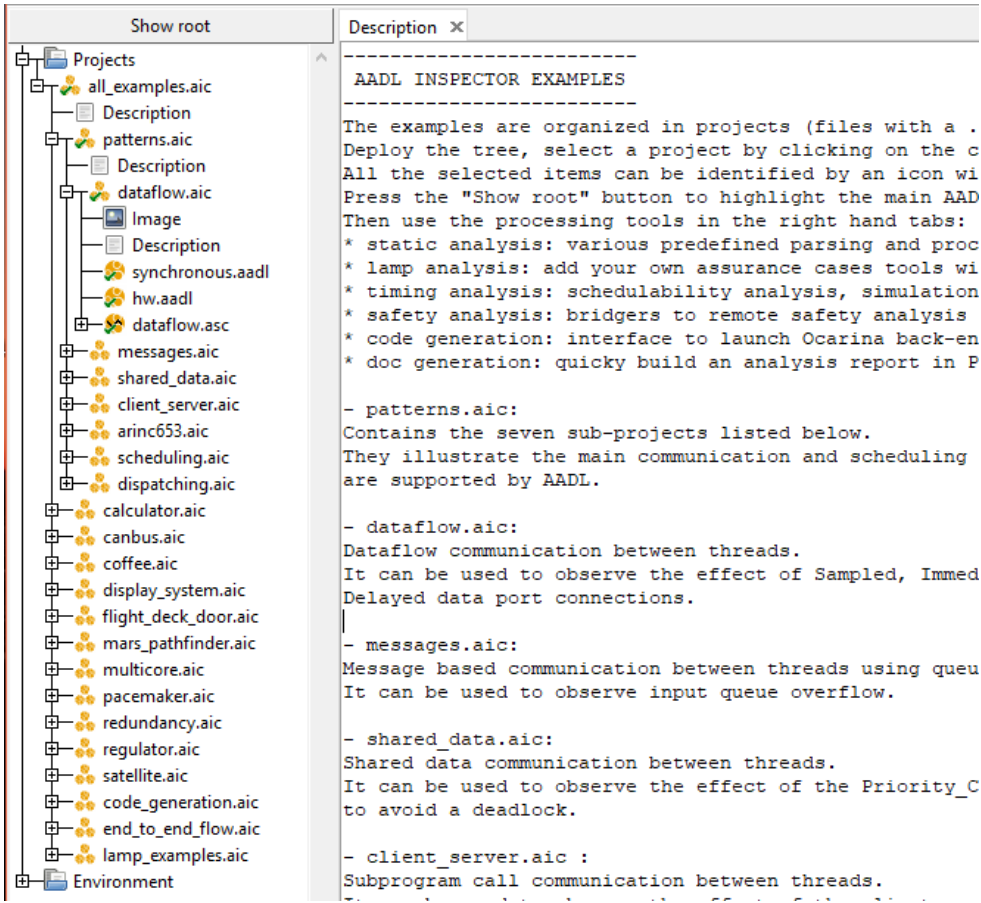
Load Existing Models



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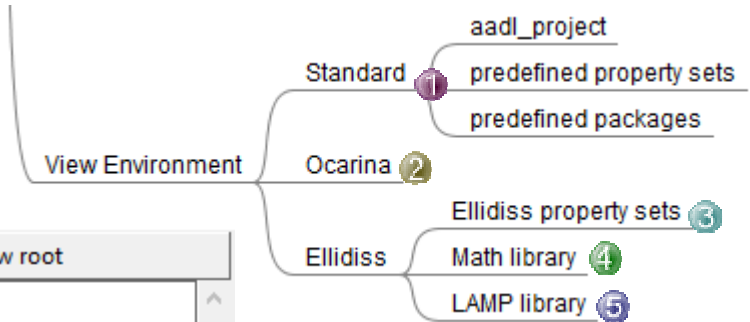
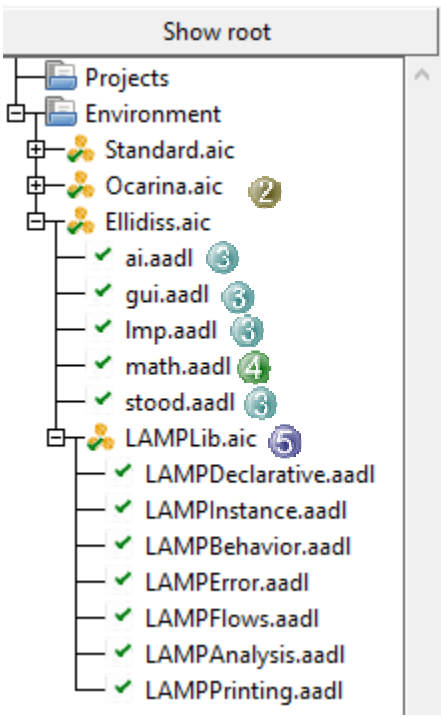
View environment





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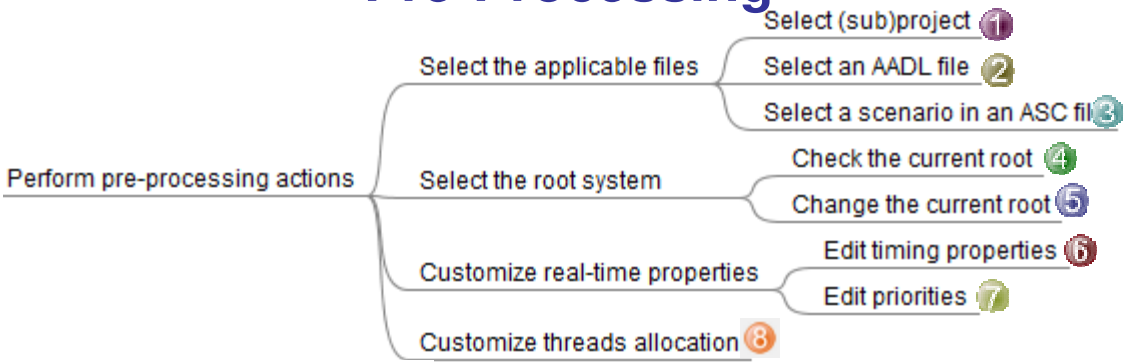
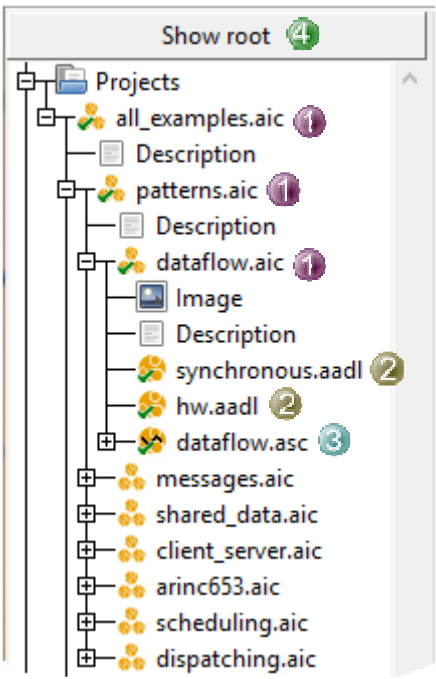
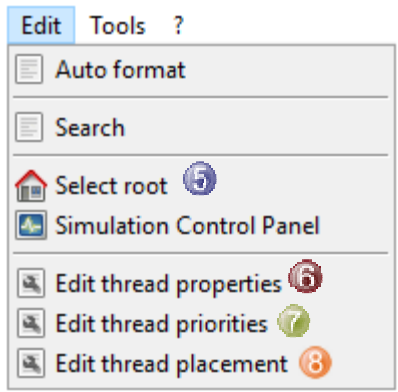
Pre-Processing







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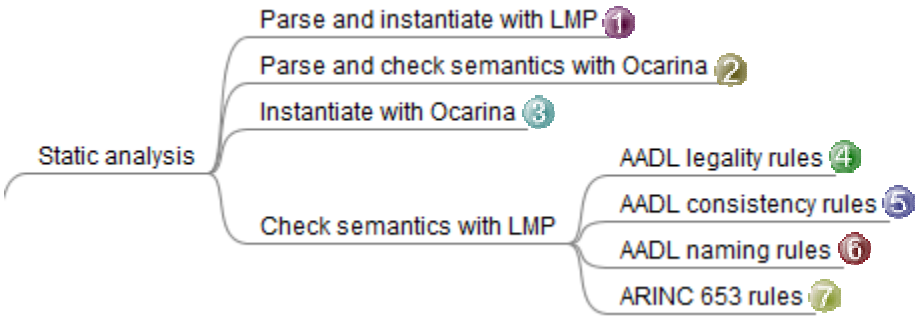
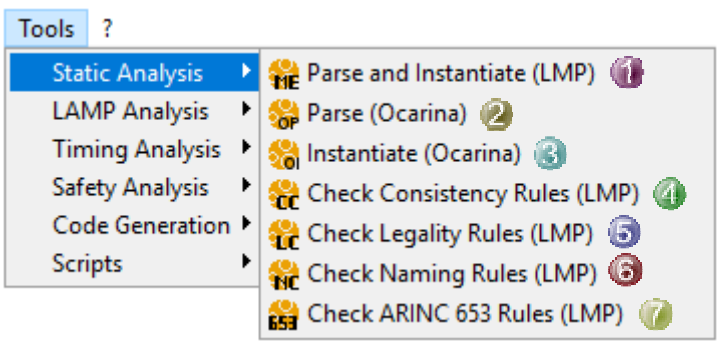
Static Analysis





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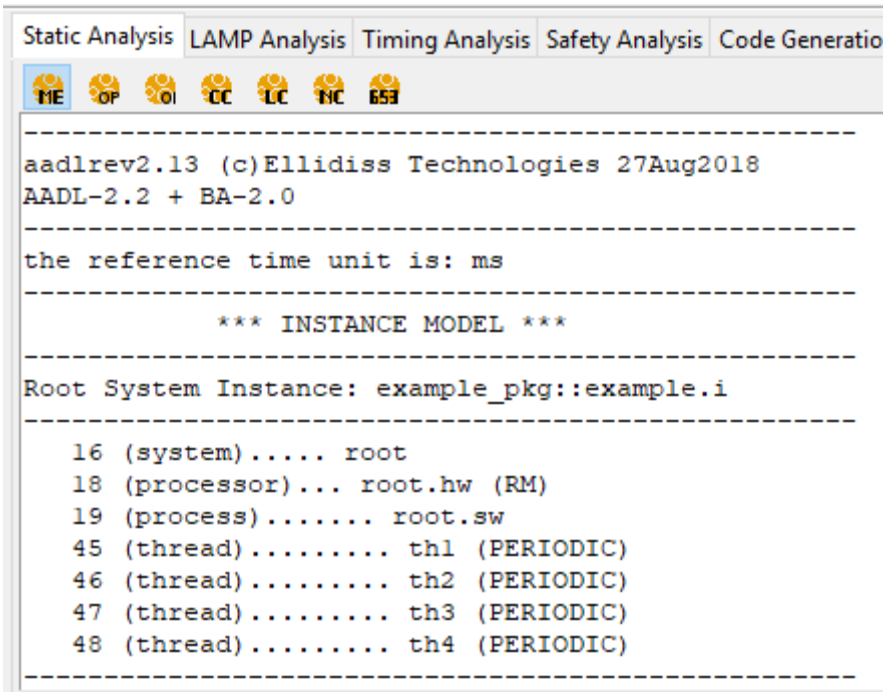
Static Analysis



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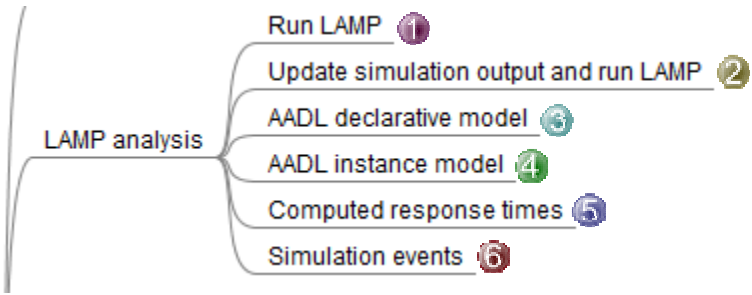
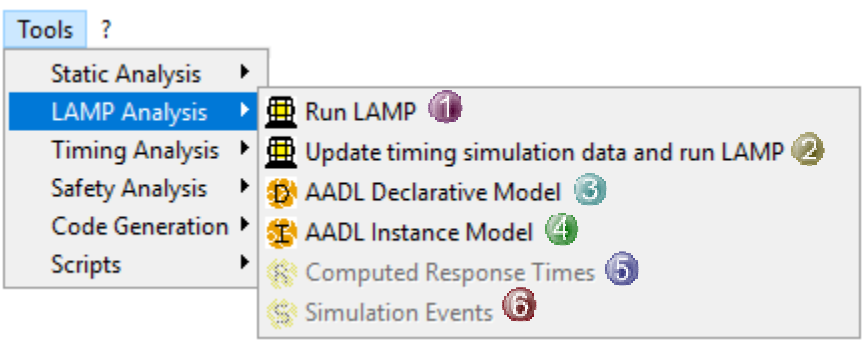
LAMP Analysis





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LAMP Analysis

Static Analysis | LAMP Analysis | Timing Analysis | Safety Analysis | Code Generation

```
*** LAMP: AADL model predicates loaded.
*** LAMP: no response time predicates loaded.
*** LAMP: no simulation events predicates loaded.
*** LAMP: library rules loaded.
*** LAMP: goal rules loaded.
*** LAMP: execution started.
hello!
the reference time unit is: us
no simulation trace available
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
 Checking LAMPExample1_Pkg::s.i
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
root.a : PROCESS LAMPExample1_Pkg::a.i
root.a.t1 : THREAD LAMPExample1_Pkg::t
root.a.t2 : THREAD LAMPExample1_Pkg::t
root.a.t3 : THREAD LAMPExample1_Pkg::t
root.c : PROCESSOR LAMPExample1_Pkg::c
root.a.i : PORT LAMPExample1 Pkg::d
```

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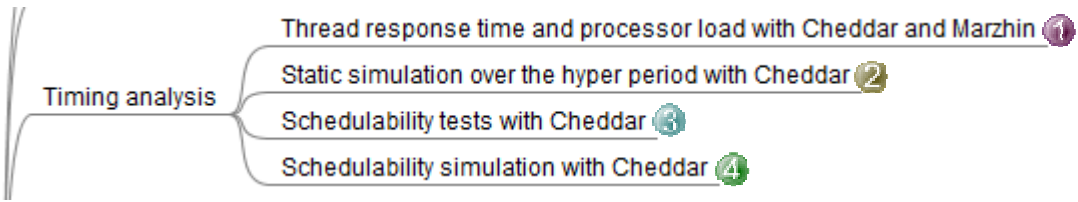
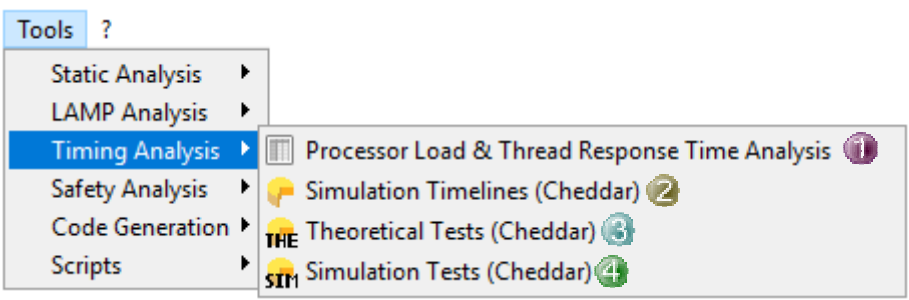
Timing Analysis





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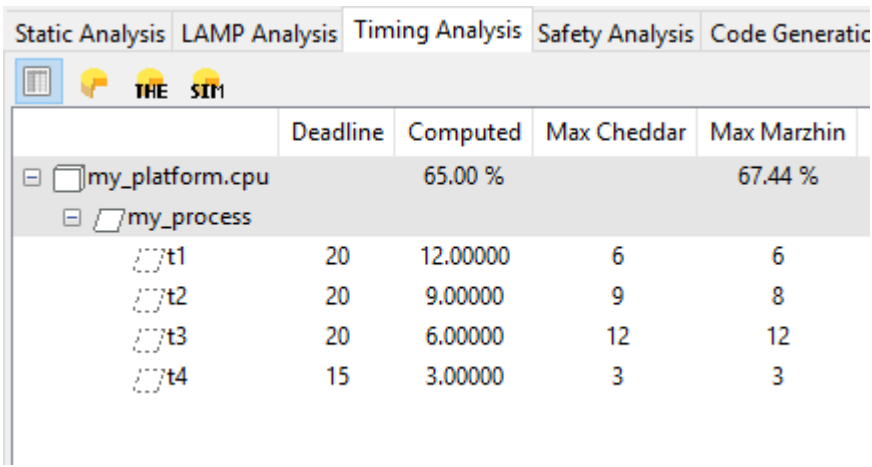
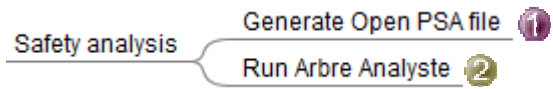
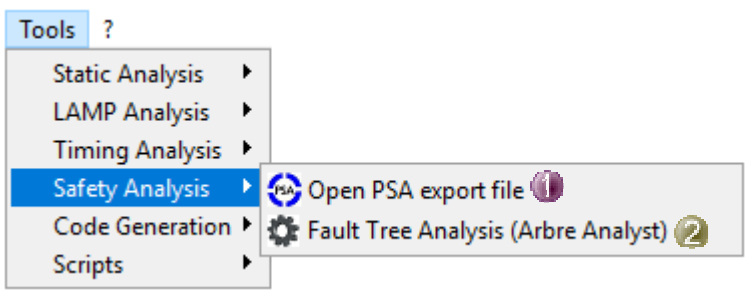
Timing Analysis



	Deadline	Computed	Max Cheddar	Max Marzhin
my_platform.cpu		65.00 %		67.44 %
my_process				
t1	20	12.00000	6	6
t2	20	9.00000	9	8
t3	20	6.00000	12	12
t4	15	3.00000	3	3

Safety Analysis





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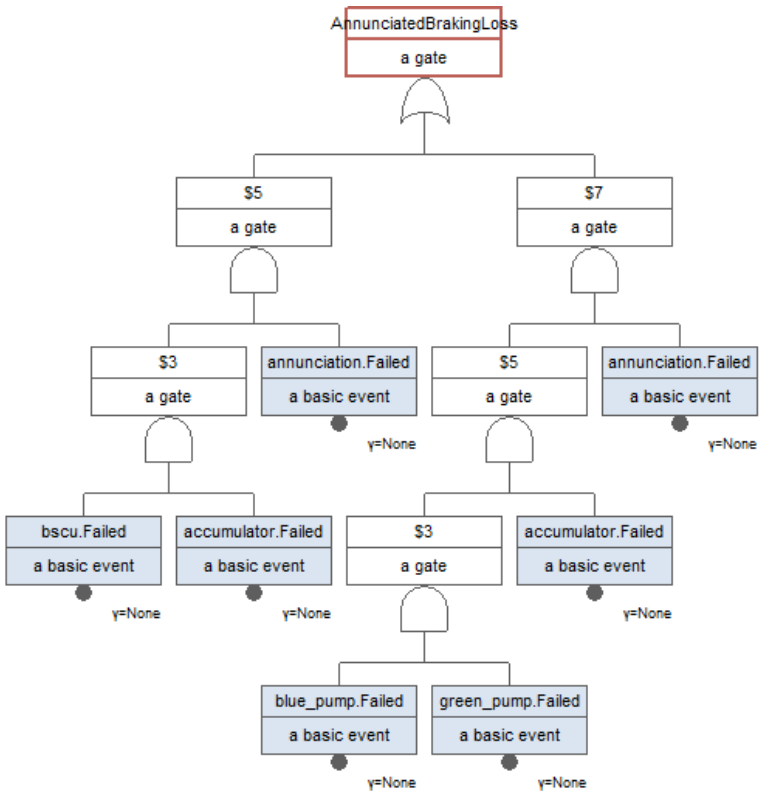
Safety Analysis



https://www.arbre-analyste.fr/en.html

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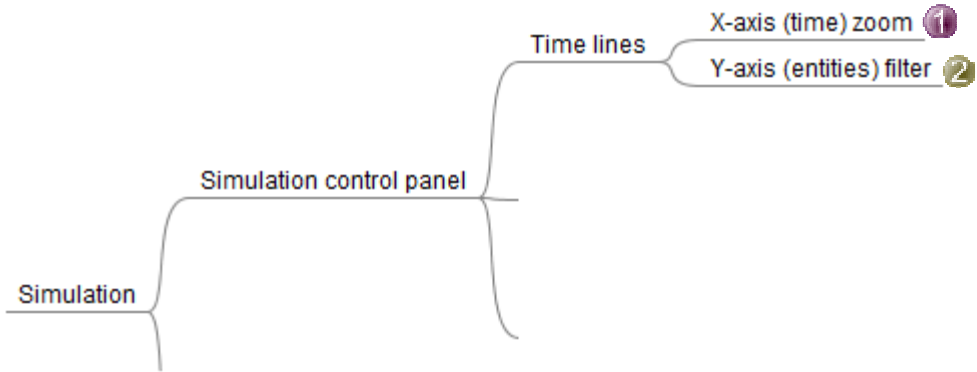
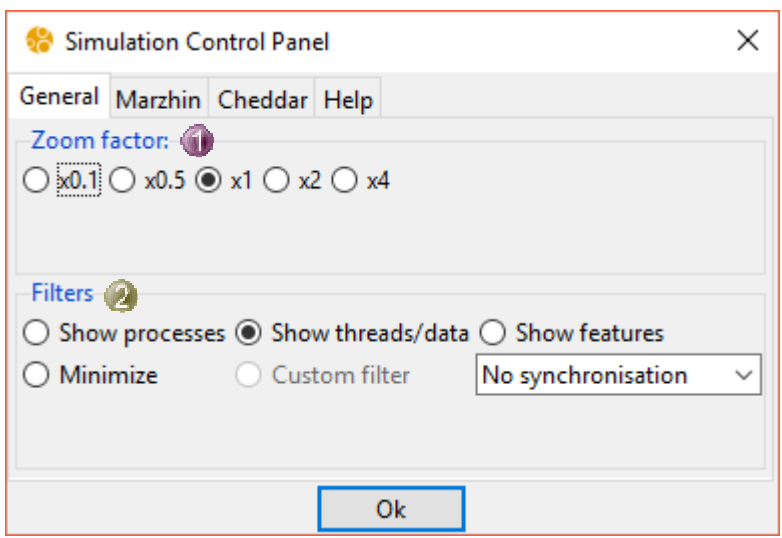
Simulation





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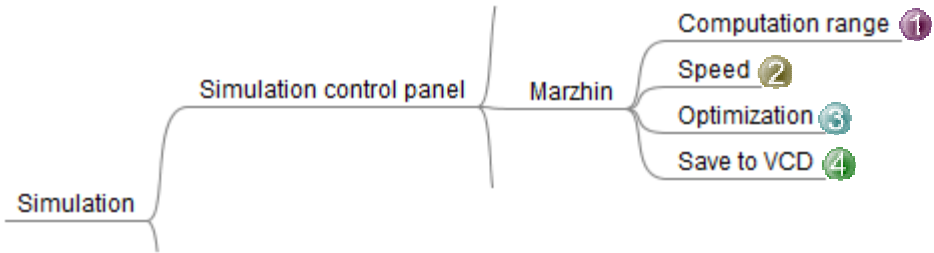
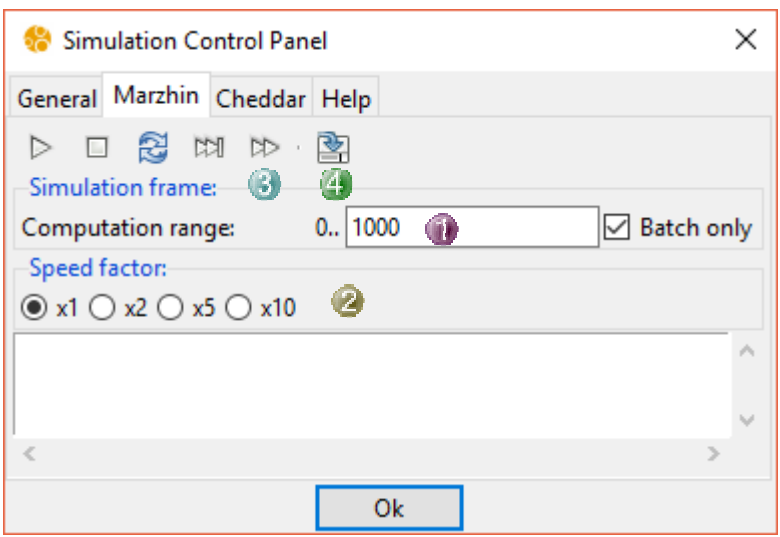
Simulation





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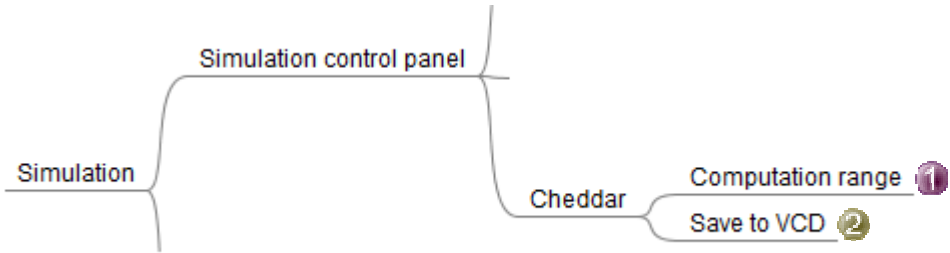
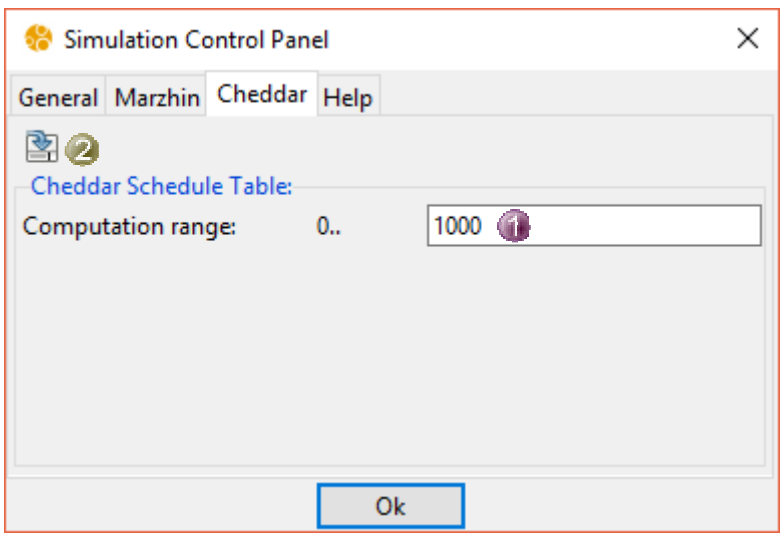
Simulation





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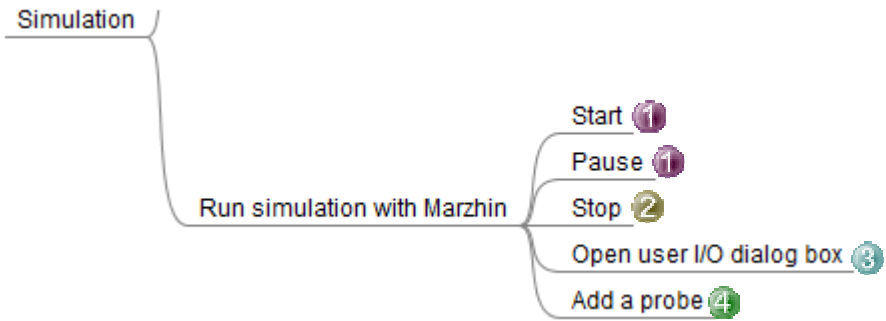
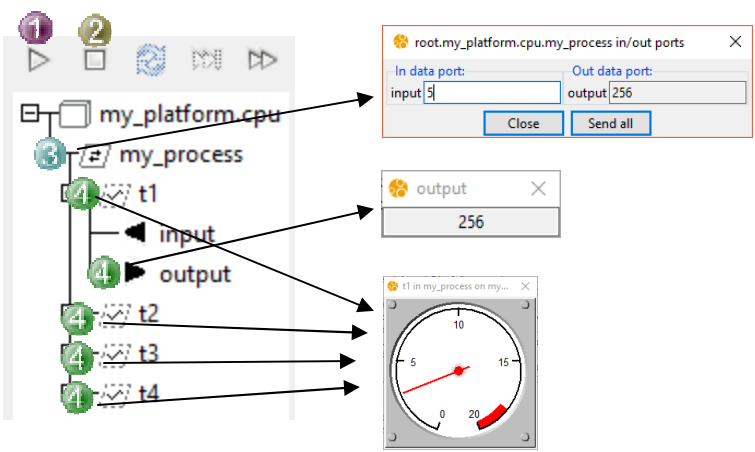
Simulation





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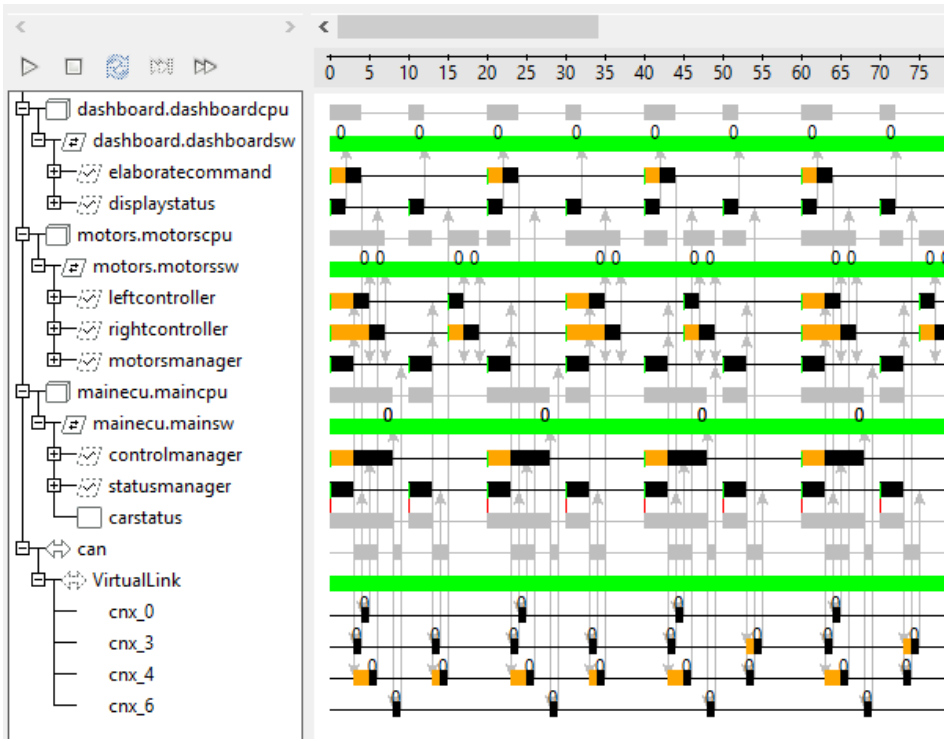
Simulation



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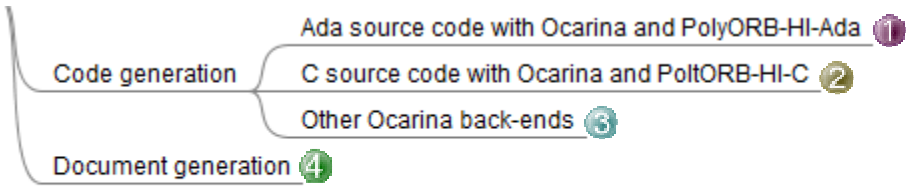
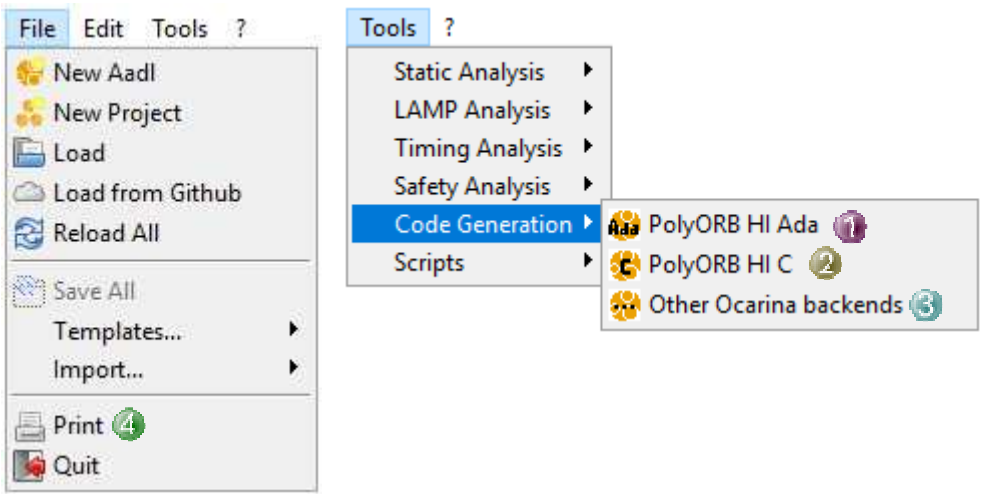
Code & Document Generation





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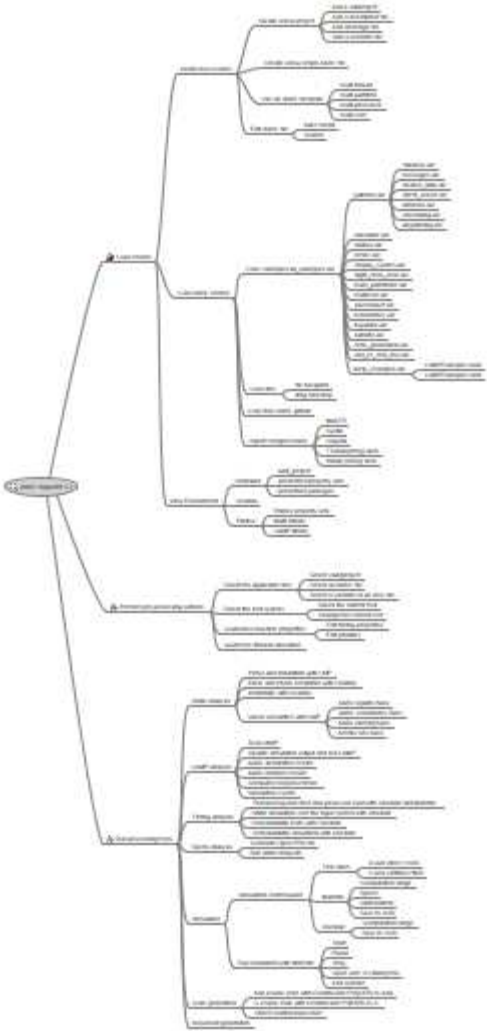
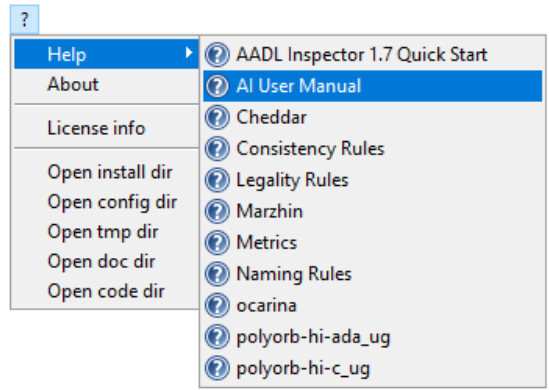
More Information





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