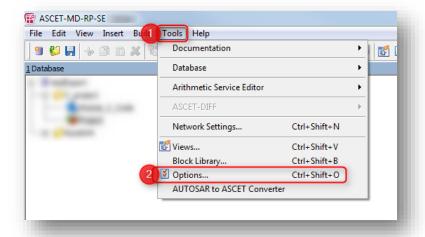




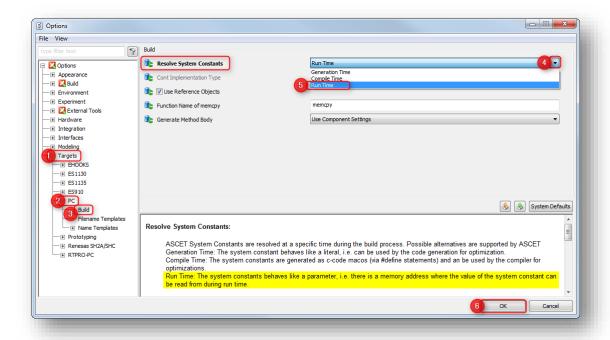
o How to configure that System Constants behave like parameters?



1. In ASCET \rightarrow Menu bar \rightarrow Tools \rightarrow Options...



2. In dialog Options → Targets → <target_name> → Build → Resolve System Constants: Click black triangle → Run Time → Click OK button





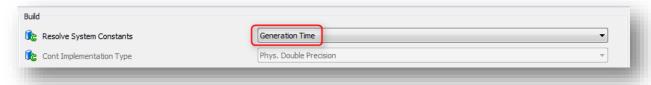


Additional information

ASCET System Constants are resolved at a specific time during the build process:

Generation Time

- The system constant behaves like a literal, i.e. can be used by the code generation for optimization.
- o In Options:



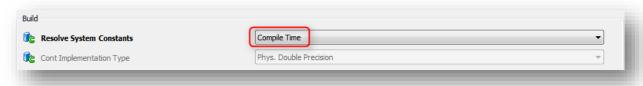
- Generated code:
- o Class_Block_DiagramI.c:

o Class_Block_DiagramM.h:



Compile Time

- The system constants are generated as c-code macros (via #define statements) and can be used by the compiler for optimizations.
- o In Options:



- Generated code:
- o Class_Block_DiagramI.c:

o Class_Block_DiagramM.h:

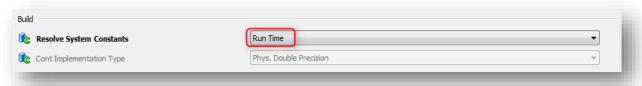
```
CAETAS\ASCET \CGen\Class_Block_DiagramMh -

| Class_Block_DiagramMh | Class_Bl
```



Run Time

- The system constants behaves like a parameter, i.e. there is a memory address where the value of the system constant can be read from during run time.
- o In Options:



- Generated code:
- o Class_Block_DiagramI.c:

o Class_Block_DiagramM.h:



Do you still have questions?

- o You will find **further FAQ articles** on the ETAS homepage: www.etas.com/en/faq
- Movies corresponding to FAQ articles can be found on the <u>ETAS YouTube channel</u>
- Please feel free to contact our Support Center, if you have further questions.
- Here you can find all information: http://www.etas.com/en/hotlines.php

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