

## AF3 Phoenix - Feature #3546

### Implementation of the translation into SMT of a Maximum function in DSML

10/05/2018 11:17 AM - Marco Volpe

<b>Status:</b>	Rejected	<b>Start date:</b>	10/05/2018
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Backlog		
<b>Description</b>			
DSML provides the function Maximum as a binder, but its translation into SMT is currently not supported. This is apparently not directly available in Z3, so it is necessary to manually define it, in particular as a further case in the class ConstraintToNonQuantifiedSMT.			
Such a translation can be useful, e.g., for a more direct definition of the minimization of latency constraint in scheduling synthesis.			

#### History

##### #1 - 10/11/2018 03:57 PM - Marco Volpe

- Priority changed from Low to Normal

As a consequence, it will be possible to remove the deprecated function maxTime from the dsl\_v2.ecore metamodel.

##### #2 - 10/23/2018 11:10 AM - Marco Volpe

Related to DSE [#3554](#).

##### #3 - 05/13/2019 02:15 PM - Johannes Eder

- Target version changed from AF3 2.15 RC1 (Feature Freeze) to AF3 2.16 RC1 (Feature Freeze)

##### #4 - 09/27/2019 02:45 PM - Marco Volpe

- Target version changed from AF3 2.16 RC1 (Feature Freeze) to AF3 2.17 (Feature Freeze)

##### #5 - 02/27/2020 01:06 PM - Marco Volpe

- Target version changed from AF3 2.17 (Feature Freeze) to Backlog

##### #6 - 08/06/2020 09:07 PM - Marco Volpe

- Assignee changed from Marco Volpe to Johannes Eder

- Priority changed from Normal to Low

##### #7 - 08/10/2020 01:35 PM - Johannes Eder

- Status changed from New to Rejected

- Assignee deleted (Johannes Eder)

Rejected. Over 2 years old.