

Design Space Exploration - Feature #3387

[Z3] Raise an error when Z3 cannot be executed

04/18/2018 03:16 PM - Simon Barner

Status:	Rejected	Start date:	04/18/2018
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Backlog		
Description			
As discussed on #3385 , the execution of Z3 has failed on MacOS because (the dependencies of) native libraries could not be resolved.			
Since the problem can also occur on other platforms (e.g. because of an erroneous update of Z3, problem introduced into OS specific RCP application, change to OS such as introduction of <i>System Integrity Protection</i> as discussed in #3385 , an error dialog should be displayed to the user in case Z3 cannot be executed. The current behavior is "fail-silent", apart from exceptions logged to the Eclipse <workspace/.metadata/.log file.			
Testing			
<ul style="list-style-type: none">• Temporarily remove native libraries from developer installation<ul style="list-style-type: none">◦ First remove libz3.{dll,so,dylib}. It is required by libz3java.{dll,so,dylib} and should already raise an error◦ After reverting, remove libz3java.{dll,so,dylib}◦ On Windows, also test that the removal of the remaining DLLs (Visual Studio runtime etc.) is properly detected.• Testing in RCP product (e.g., from nightly build) is also recommended.			

History

#1 - 04/18/2018 03:21 PM - Simon Barner

- Subject changed from [Z3] Raise an error when Z3 cannot be executed to [Z3] Raise an error when Z3 cannot be executed

#2 - 01/21/2019 03:05 PM - Marco Volpe

- Target version changed from AF3 2.14 RC1 (Feature Freeze) to AF3 2.15 RC1 (Feature Freeze)

#3 - 01/25/2019 06:34 PM - Alexander Diewald

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

#4 - 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)

#5 - 09/27/2019 02:19 PM - Marco Volpe

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

#6 - 01/24/2020 11:48 AM - Alexander Diewald

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

#7 - 08/06/2020 09:08 PM - Marco Volpe

- Assignee changed from Marco Volpe to Johannes Eder

#8 - 08/10/2020 02:10 PM - Johannes Eder

- Status changed from New to Rejected

- Assignee deleted (Johannes Eder)

Current implementation takes care that Z3 loads on all platforms.