

Public Support - Support Request #4197

Plugin Description Generator could not load plugin which depends on shared library

2018-09-19 15:46 - hidden

Status:	Closed	Product Issue Numbers: Affected Products: ADTF 3.3.3 Platform: Ubuntu 16.04 64bit Topic: ADTF::PluginDescription FAQ Links:
Priority:	Normal	
Category:		
Customer:	AUDI	
Department:	AEV	
Requester's Priority:	Normal	
Support Level:	2nd Level	
Resolution:	Solved Issue	

Description

Supportanfrage

I have a problem using ADTF 3.3.3 on Linux when using shared libraries.

I have a target X that is compiled in the runtime as well as the ADTF plugin. The ADTF plugin uses the shared library X and everything compiles fine until the plugindescription is generated. It seems that the plugindescription generator is not looking in the very same directory the .adtfplugin file is located because I get the following error message:

```
2018-09-19 15:42:02 [ERROR]: Could not register plugin in runtime Result code '-27 '(ERR_OPEN_FAILED) - Could not load plugin "/.../_install/_bin/TF_CNN_ForwardPass.adtfplugin",libX.so: cannot open shared object file: No such file or directory [File: /mnt/data/jenkins/ws/A3_bld/PLATFORM/U1604_x64_gcc54/source/src/libraries/ucom3/src/runtime.cpp] [Line: 1782] [Func: LoadPluginImpl] [main.cpp(229)]
2018-09-19 15:42:02 [ERROR]: Result code '-27 '(ERR_OPEN_FAILED) - Could not load plugin "/.../_install/_bin/...adtfplugin",libX.so: cannot open shared object file: No such file or directory [File: /mnt/data/jenkins/ws/A3_bld/PLATFORM/U1604_x64_gcc54/source/src/libraries/ucom3/src/runtime.cpp] [Line: 1782] [Func: LoadPluginImpl] [main.cpp(693)]
```

Lösung

If your plugin depends on other libraries, you have to define them for the Plugin Description Generator by using [RAW_ARG](#). Otherwise the runtime could not load the plugin, neither in for generating plugindescription nor using in adtf launcher.

History

#1 - 2018-09-19 16:53 - hidden

- Project changed from Public Support to 11
- Status changed from New to In Progress
- Topic set to ADTF::Common
- Customer set to AUDI
- Department set to AEV
- Platform Ubuntu 16.04 64bit added

#2 - 2018-09-19 16:59 - hidden

- Status changed from In Progress to Customer Feedback Required

Hallo Markus,

can we switch to German ?

If your plugin depends on other libraries, you have to define them fro the Plugin Description Generator by using [RAW_ARG](#). Otherwise the runtime could not load the plugin, neither in for generating plugindescription nor using in adtf launcher.

#3 - 2018-09-20 08:16 - hidden

Alles klar. Vielen Dank! Das ist es gewesen - funktioniert jetzt, wie es soll!

#4 - 2018-09-20 08:49 - hidden

- *Project changed from 11 to Public Support*
- *Subject changed from Linking at runtime to Plugin Description Generator could not load plugin which depends on shared library*
- *Description updated*
- *Status changed from Customer Feedback Required to To Be Closed*
- *Private changed from Yes to No*
- *Topic changed from ADF::Common to ADF::PluginDescription*
- *Resolution set to Solved Issue*

#5 - 2018-10-09 13:23 - hidden

- *Status changed from To Be Closed to Closed*