

Public Support - Support Request #8334

Race condition when installing osg libraries

2019-09-13 08:15 - hidden

Status:	Closed		
Priority:	Normal		
Category:			
Customer:	AUDI	Product Issue Numbers:	https://www.cip.audi.de/jira/browse/ADISTB-1014
Department:	EF	Affected Products:	ADTF Display Toolbox 3.4.0
Requester's Priority:	Normal	Platform:	Ubuntu 16.04 64bit, Windows 10 64bit
Support Level:	3rd Level	Topic:	DisplayTB::Common
Resolution:	Product Issue Opened	FAQ Links:	

Description

Supportanfrage

when building the examples the install target of each mixin will try copy the osg library to the bin folder.

This may lead to the error message:  
"file INSTALL cannot duplicate symlink"

Ganesh implemented a workaround in ADTF\_DISPLAY\_TOOLBOXMacros.cmake. Here we create a list of installation folders. If the folder is already in the list it won't be added again:

```
function(disptb_install_osg OUTPUT_PATH)
set(GLOBAL_OSG_DEST $ENV{GLOBAL_OSG_DEST})
list(FIND GLOBAL_OSG_DEST ${OUTPUT_PATH} INDEX)
if(INDEX EQUAL -1)
list(APPEND GLOBAL_OSG_DEST ${OUTPUT_PATH})
set(ENV{GLOBAL_OSG_DEST} "${GLOBAL_OSG_DEST}")
else()
message(STATUS
"Skipping installation of OSG libraries to ${OUTPUT_PATH}. Installation already scheduled in ${GLOBAL_OSG_DEST}")
return()
endif()

disptb_find_osg()
```

Note: This solution works well if we build all targets at once. If someone is only installing a single target it may happen that the osg libraries are not installed because their installation is configured for another target.

Lösung

Ticket ADISTB-1014 im Produkt angelegt

History

- #1 - 2019-09-13 08:58 - hidden
- Project changed from Public Support to 11
  - Status changed from New to In Progress
  - Topic set to DisplayTB::Common
  - Support Level changed from 2nd Level to 3rd Level
  - Customer set to AUDI
  - Department set to EF
  - Affected Products ADTF Display Toolbox 3.4.0 added

#2 - 2019-09-18 09:56 - hidden

- Status changed from In Progress to To Be Closed
- Resolution set to Known Problem
- Platform Ubuntu 16.04 64bit, Windows 10 64bit added

Hallo Jens,

danke fuer den Hinweis, ich habe dazu mal ein Bug Ticket angelegt.  
<https://www.cip.audi.de/jira/browse/ADISTB-1014>

Viele Grüße  
Sebastian

**#3 - 2019-09-18 09:57 - hidden**

- Resolution changed from Known Problem to Product Issue Opened

**#4 - 2019-09-18 09:58 - hidden**

- Project changed from 11 to Public Support
- Subject changed from adtf-display-toolbox 3.4.0: Race condition when installing osg libraries to Race condition when installing osg libraries
- Description updated
- Private changed from Yes to No
- Product Issue Numbers set to <https://www.cip.audi.de/jira/browse/ADISTB-1014>

**#5 - 2020-07-07 12:45 - hidden**

- Status changed from To Be Closed to Closed