

DCMTK - Bug #880

storescp does not populate all placeholders for the --exec-on-eostudy when receiving the first batch of images

2019-04-25 13:46 - Marco Eichelberg

Status:	Closed	Start date:	2019-04-25
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	Application	Estimated time:	2:00 hours
Target version:	3.6.6	Compiler:	
Module:	dcmnet		
Operating System:			
Description			
Apparently, the "placeholders" #a, #c and #r (which should contain the calling/called AEtitle and the calling presentation address) are not properly populated during the first execution of the --exec-on-eostudy command line, but they are populated for all further calls. According to the bug report, this behavior has been present with prior releases as well.			
Reported 2019-04-16 by Andreas Keizers < <a href="mailto:an-kei@web.de">an-kei@web.de</a> >.			

History

#1 - 2019-10-11 10:58 - Jan Schlamelcher

- Target version changed from 3.6.5 to 3.6.6

#2 - 2019-12-13 13:28 - Michael Onken

I could not reproduce this for now. On Linux, I used:

```
storescp 1234 -v -xcs 'echo #a on #r to #c' --sort-on-study-uid s
```

I send two images (different studies) using dcmSEND and I get:

```
I: Association Received
I: Association Acknowledged (Max Send PDV: 16372)
I: Received Store Request (MsgID 1, SC)
RECV: .....
.....
W: subdirectory for study already exists: ./s_1.3.12.2.1107.5.4.1.12.199705071523410083804
I: storing DICOM file: ./s_1.3.12.2.1107.5.4.1.12.199705071523410083804/SC.1.3.12.2.1107.5.4.1.12.199705071525320942958
W: DICOM file already exists, overwriting: ./s_1.3.12.2.1107.5.4.1.12.199705071523410083804/SC.1.3.12.2.1107.5.4.1.12.199705071525320942958
I: Association Release
I: Association Received
I: Association Acknowledged (Max Send PDV: 16372)
I: Received Store Request (MsgID 1, SC)
RECV: .....
.....
W: subdirectory for study already exists: ./s_1.3.12.2.1107.5.4.1.12.199705071537340314256
I: storing DICOM file: ./s_1.3.12.2.1107.5.4.1.12.199705071537340314256/SC.1.3.12.2.1107.5.4.1.12.199705071537340316837
W: DICOM file already exists, overwriting: ./s_1.3.12.2.1107.5.4.1.12.199705071537340314256/SC.1.3.12.2.1107.5.4.1.12.199705071537340316837
I: Association Release
DCMSEND on localhost to ANY-SCP
```

Which looks like the expected behaviour. If end of study is detected by timeout I get a comparable result. E.g. by running

```
storescp 1234 -v -xcs 'echo #a on #r to #c' --sort-on-study-uid s
```

and sending a single image one gets:

```
I: Association Received
I: Association Acknowledged (Max Send PDV: 16372)
I: Received Store Request (MsgID 1, SC)
```

```
RECV: .....  
.....  
W: subdirectory for study already exists: ./s_1.3.12.2.1107.5.4.1.12.199705071537340314256  
I: storing DICOM file: ./s_1.3.12.2.1107.5.4.1.12.199705071537340314256/SC.1.3.12.2.1107.5.4.1.12.199705071537  
340316837  
W: DICOM file already exists, overwriting: ./s_1.3.12.2.1107.5.4.1.12.199705071537340314256/SC.1.3.12.2.1107.5  
.4.1.12.199705071537340316837  
I: Association Release  
DCMSend on localhost to ANY-SCP
```

### #3 - 2020-05-25 13:29 - Michael Onken

- Target version deleted (3.6.6)

### #4 - 2020-05-25 13:35 - Michael Onken

- Status changed from New to Closed

Closed since not replicable by DCMTK team and no other feedback from bug reporter.

### #5 - 2020-11-03 13:36 - Marco Eichelberg

- Status changed from Closed to Reopened

Bug can be reproduced by the following steps:

- Prepare a file set containing images from two different studies (here: */path/to/test/*)
- mkdir */path/to/storescp/spool/*
- storescp -aet MYSCP -od */path/to/storescp/spool/* -pm -sp -dhl -tos 3 -xcs "echo #p #a #c #r" 11112
- dcmsend -v -aec MYSCP -aet MYSCU -nh +sd +r 0.0.0.0 11112 */path/to/test/*

Output looks like this:

*/path/to/storescp/spool/PATIENTNAME\_20201103\_130021939*

*/path/to/storescp/spool/PATIENTNAME\_20201103\_130022775 MYSCU MYSCP 127.0.0.1*

The reason is that in storescp.cc, function `executeOnEndOfStudy()`, the variables `lastCallingAETitle`, `lastCalledAETitle`, and `lastCallingPresentationAddress` are empty strings.

### #6 - 2020-11-03 17:07 - Jörg Riesmeier

- Category set to Application

- Status changed from Reopened to Closed

- Target version set to 3.6.6

- % Done changed from 0 to 100

- Estimated time set to 2:00 h

Closed with commit f8d0536.