

DCMTK - Feature #580

The more complex methods should be (re)moved from DcmSCU

2013-11-21 16:43 - Jörg Riesmeier

Status:	New	Start date:	2013-11-21
Priority:	Normal	Due date:	
Assignee:	Michael Onken	% Done:	0%
Category:	Library	Estimated time:	0:00 hour
Target version:		Compiler:	
Module:	dcmnet		
Operating System:			
Description			
The DcmSCU class currently contains some more complex methods handling e.g. the (complex) C-GET protocol. I would suggest that DcmSCU focuses on the (simple) base functionality and leaves others to derived classes. The same approach has been taken for the C-STORE protocol, where DcmStorageSCU contains the storage-specific code.			

History

#1 - 2013-11-22 16:34 - Michael Onken

In my opinion a minimal implementation of each DIMSE protocol should be inside the class, so that the normal user does not have to care about too many details, gets an easy example of how implementation works, and may re-use the functions existing from the derived classes. That does not mean that particular extra functionality (e.g. storing files received via C-STORE) could not be removed from the class, though I do not think that is ok as a little example, aside the full implementation offered by the DCMTK class DcmStorageSCP.

At least we should make sure in the future that the class is not overloaded but stays slim.

#2 - 2017-03-24 12:48 - Marco Eichelberg

- Target version changed from 3.6.2 to 3.6.3

#3 - 2018-02-05 19:37 - Jan Schlamelcher

- Target version changed from 3.6.3 to 3.6.6

#4 - 2020-05-25 13:28 - Michael Onken

- Target version deleted (3.6.6)