

DCMTK - Feature #1096

Introduce helper functions for retrieving Private Data Elements more easily

2023-12-08 10:44 - Jörg Riesmeier

Status:	New	Start date:	2023-12-08
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:	Library	Estimated time:	0:00 hour
Target version:		Compiler:	
Module:	dcmdata		
Operating System:			
Description It would be nice to have a helper function in the DcmItem class that searches for a particular Private Creator identifier (probably, only within a certain Group) and returns the offset that needs to be added to the Element Number, e.g. 1000 when the Private Creator Element (gggg,0010) reserves the range of (gggg,1000) to (gggg,10ff). It would also be nice, if the various findAndGetXXX() methods could also be used to get the Private Data Elements / Element Values directly, i.e. by passing the Private Creator identifier to them or by using an instance of the DcmTag class (instead of the DcmTagKey class). PS: According to CP-1529 , "A Private Creator identifier may be used only once within a Group; reserving multiple blocks of Elements in the same Group with the same identifier is not allowed."			

History

#1 - 2023-12-08 11:57 - Jörg Riesmeier

- Priority changed from Normal to Low

#2 - 2024-03-19 11:26 - Jörg Riesmeier

- Subject changed from Introduce helper function for retrieving Private Data Elements more easily to Introduce helper functions for retrieving Private Data Elements more easily

- Description updated