

DCMTK - Feature #1111

Change optional parameters of print() method

2024-03-06 15:28 - Jörg Riesmeier

<div>Status:</div>	New	<div>Start date:</div>	2024-03-06
<div>Priority:</div>	Low	<div>Due date:</div>	
<div>Assignee:</div>	Jörg Riesmeier	<div>% Done:</div>	0%
<div>Category:</div>	Library and Apps	<div>Estimated time:</div>	0:00 hour
<div>Target version:</div>		<div>Compiler:</div>	
<div>Module:</div>	dcmdata, and others?		
<div>Operating System:</div>			
<div>Description</div> <p>Currently, the print() method of the dcmdata module has the following signature:</p> <pre>virtual void print(STD_NAMESPACE ostream &out, const size_t flags = 0, const int level = 0, const char *pixelFileName = NULL, size_t *pixelCounter = NULL);</pre> <p>It would be useful to wrap the four optional parameters (flags, level, pixelFileName and pixelCounter) into a struct, so that the various classes that implement this method are not affected if the struct is extended over time.</p> <p>It would probably be useful to still provide a print() method with the parameters "flags" and "level" on the level of DcmItem, DcmDataSet and DcmFileFormat.</p> <p>Another approach would be to only wrap the last two parameters (pixelFileName and pixelCounter) and keep the other two (flags and level) as optional parameters to the print() method.</p>			

History

#1 - 2025-02-06 11:26 - Jörg Riesmeier

In this context, it should also be checked whether the export of binary data could be extended to other attributes, e.g. large look-up tables. Ideally, this would be a configurable option.