DCMTK - Feature #1067

DcmTag should define its own stream output operator

2023-02-22 17:32 - Jörg Riesmeier

Status:	New		**Start date:**	2023-02-22
Priority:	Normal		**Due date:**	
Assignee:	Jörg Riesmeier		**% Done:**	0%
Category:	Library and Apps		**Estimated time:**	0:00 hour
Target version:				
Module:	dcmdata et al.		**Compiler:**	
Operating System:				

Description

Currently, the DcmTag class does not define its own stream output operator, which causes the output of a DcmTag instance to be limited to the Attribute Tag (similar to the output of a DcmTagKey instance).

It would be nice if there would be an implementation of "ostream &operator<<(STD_NAMESPACE ostream &, const DcmTag &)" that would also output the Attribute Name/Keyword, e.g. "ImageType (0008,0008)".
In order to avoid the double output of the associated name/keyword, it should be checked whether the name/keyword is already printed in front of the tag somewhere in the toolkit.