DCMTK - Bug #886

CP-246 warning should be suppressed when reading Implicit VR

2019-05-02 11:03 - Marco Eichelberg

Status:	New		**Start date:**	2019-05-02
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Library		**Estimated time:**	0:00 hour
Target version:				
Module:	dcmdata		**Compiler:**	
Operating System:				

Description

Whenever DCMTK encounters a private tag with VR=UN and undefined length, the following warning is printed:

```
W: Found element (xxxx,xxxx) with VR UN and undefined length, reading a sequence with transfer syntax LittleEndianImplicit (CP-246)
```

This warning should be suppressed when the dataset currently being read is encoded in Implicit VR Little Endian, because in this case CP 246 is irrelevant and the warning is confusing at best. Unfortunately the warning is issued in DcmItem::newDicomElement(), a method that does not know which transfer syntax is currently in use. Therefore, an API change will be necessary to implement this.

History

#1 - 2019-05-02 11:36 - Jörg Riesmeier

Since the method DcmItem::newDicomElement() is not only used for reading DICOM datasets/elements, the check and warning message should probably be moved to the corresponding read method.

Files

cp246_warning.dcm	2.15 KB	2019-05-02	Marco Eichelberg