

DCMTK - Feature #575

DcmIntegerString has no putSint32() method

2013-10-29 18:17 - Jörg Riesmeier

Status:	New	Start date:	2013-10-29
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Library	Estimated time:	0:00 hour
Target version:		Compiler:	
Module:	dcmdata, dcmsr and other?		
Operating System:			

Description

The class DcmIntegerString has a getSint32() but no putSint32() method. This also applies to various other VR classes (e.g. DcmDecimalString) and to other (still missing) putXXX() methods.

As a result of these missing methods, one has to write its own code for this purpose as in DSRIImageFrameList::write() in the "dcmsr" module.

```
/* fill integer string with values from list */
OFString tmpString;
char buffer[16];
const OFListConstIterator(Sint32) endPos = ItemList.end();
OFListConstIterator(Sint32) iterator = ItemList.begin();
while (iterator != endPos)
{
    if (!tmpString.empty())
        tmpString += '\\';
#ifdef SIZEOF_LONG == 8
    sprintf(buffer, "%d", *iterator);
#else
    sprintf(buffer, "%ld", *iterator);
#endif
    tmpString += buffer;
    iterator++;
}
/* set integer string */
DcmIntegerString delem(DCM_ReferencedFrameNumber);
result = delem.putOFStringArray(tmpString);
```

History

- #1 - 2013-10-29 18:19 - Jörg Riesmeier
- Module changed from dcmdata to dcmdata, dcmsr and other?