DCMTK - Bug #431

dcmsr does not build with MSC6

2012-07-16 16:51 - Uli Schlachter

Status:	Closed		**Start date:**	2012-07-16
Priority:	Low		**Due date:**	
Assignee:	Uli Schlachter		**% Done:**	100%
Category:	Library		**Estimated time:**	0:00 hour
Target version:	3.6.2			
Module:	dcmsr		**Compiler:**	
Operating System:				

Description

Error message goes something like this:

dsrsoprf.cxx(316) : error C2248: 'InstanceStruct' : cannot access protected struct declared in class 'DSRSOPInstanceReferenceList'
dsrsoprf.h(323) : see declaration of 'InstanceStruct'

Similar errors happen at other places, also for SeriesStruct.

It seems like MSC6 does not allow sub-classes to access protected members of its parent class:

```
class A
{
protected:
  class B { public: B(); };
  class C { void foo() { B b; }; }; // Error, B is protected in A
  };
}
```

History

#1 - 2012-07-18 17:14 - Jörg Riesmeier

- Category set to Library

- Assignee changed from Jörg Riesmeier to Uli Schlachter

- Target version set to 3.6.2

- Module set to dcmsr

Hmm, as far as I can see, I haven't changed the class structure in the last couple of years ...

#2 - 2012-07-27 14:06 - Jan Schlamelcher

- Status changed from New to Resolved

- % Done changed from 0 to 100

Fixed in commit a337a12dc8ab5d578a2d273632651d0fc9e8c3f9 by declarig both nested structs in concern friends of their parent class.

#3 - 2012-08-14 09:11 - Jörg Riesmeier

- Status changed from Resolved to Closed