

DCMTK - Feature #569

Check whether DcmSequenceOfItems::getItem(i) in a for-loop can be replaced (by a more efficient approach)

2013-10-24 10:22 - Jörg Riesmeier

|                   |                |                 |            |
|-------------------|----------------|-----------------|------------|
| Status:           | Closed         | Start date:     | 2013-10-24 |
| Priority:         | Normal         | Due date:       |            |
| Assignee:         | Jörg Riesmeier | % Done:         | 100%       |
| Category:         | Library        | Estimated time: | 0:00 hour  |
| Target version:   |                | Compiler:       |            |
| Module:           | dcmsr          |                 |            |
| Operating System: |                |                 |            |

**Description**

```
$ fgrep -r -B 3 "getItem(i)" dcmsr
dcmsr/libsrc/dsrdoctn.cc-      unsigned long i = 0;
dcmsr/libsrc/dsrdoctn.cc-      while ((i < count) && result.good())
dcmsr/libsrc/dsrdoctn.cc-      {
dcmsr/libsrc/dsrdoctn.cc:          ditem = dseq->getItem(i);
--
dcmsr/libsrc/dsrtypes.cc-      for (size_t i = 0; i < count; i++)
dcmsr/libsrc/dsrtypes.cc-      {
dcmsr/libsrc/dsrtypes.cc-          /* not very efficient, should be replaced by nextObject() sometime */
dcmsr/libsrc/dsrtypes.cc:          item = sequence.getItem(i);
--
dcmsr/libsrc/dsrrefin.cc-          /* iterate over all sequence items */
dcmsr/libsrc/dsrrefin.cc-          for (unsigned long i = 0; i < count; i++)
dcmsr/libsrc/dsrrefin.cc-          {
dcmsr/libsrc/dsrrefin.cc:              DcmItem *ditem = sequence.getItem(i);
--
dcmsr/libsrc/dsrcsidl.cc-          /* iterate over all sequence items */
dcmsr/libsrc/dsrcsidl.cc-          for (unsigned long i = 0; i < count; i++)
dcmsr/libsrc/dsrcsidl.cc-          {
dcmsr/libsrc/dsrcsidl.cc:              DcmItem *ditem = sequence->getItem(i);
--
dcmsr/libsrc/dsrsoprfl.cc-          /* iterate over all sequence items */
dcmsr/libsrc/dsrsoprfl.cc-          for (unsigned long i = 0; i < count; i++)
dcmsr/libsrc/dsrsoprfl.cc-          {
dcmsr/libsrc/dsrsoprfl.cc:              DcmItem *item = sequence->getItem(i);
--
dcmsr/libsrc/dsrsoprfl.cc-          /* iterate over all sequence items */
dcmsr/libsrc/dsrsoprfl.cc-          for (unsigned long i = 0; i < count; i++)
dcmsr/libsrc/dsrsoprfl.cc-          {
dcmsr/libsrc/dsrsoprfl.cc:              DcmItem *item = sequence->getItem(i);
--
dcmsr/libsrc/dsrsoprfl.cc-          /* iterate over all sequence items */
dcmsr/libsrc/dsrsoprfl.cc-          for (unsigned long i = 0; i < count; i++)
dcmsr/libsrc/dsrsoprfl.cc-          {
dcmsr/libsrc/dsrsoprfl.cc:              DcmItem *item = sequence->getItem(i);
```

History

- #1 - 2013-10-25 18:30 - Jörg Riesmeier
- % Done changed from 0 to 100
- Status changed from Assigned to Closed

See this commit: <http://git.dcmtk.org/web?p=dcmtk.git;a=commit;h=498dcb8d664203a4b940a6d89250b90414fd7be1>