

DCMTK - Bug #1156

Need to check return value of DcmList::append(), DcmList::prepend() and DcmList::insert() to avoid possible memory leaks

2025-03-09 17:00 - Jörg Riesmeier

|                                                                                                                                                                                                                                                      |         |                        |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------|------------|
| <b>Status:</b>                                                                                                                                                                                                                                       | New     | <b>Start date:</b>     | 2025-03-09 |
| <b>Priority:</b>                                                                                                                                                                                                                                     | Normal  | <b>Due date:</b>       |            |
| <b>Assignee:</b>                                                                                                                                                                                                                                     |         | <b>% Done:</b>         | 0%         |
| <b>Category:</b>                                                                                                                                                                                                                                     | Library | <b>Estimated time:</b> | 0:00 hour  |
| <b>Target version:</b>                                                                                                                                                                                                                               |         | <b>Compiler:</b>       |            |
| <b>Module:</b>                                                                                                                                                                                                                                       | dcmdata |                        |            |
| <b>Operating System:</b>                                                                                                                                                                                                                             |         |                        |            |
| <b>Description</b>                                                                                                                                                                                                                                   |         |                        |            |
| The methods DcmList::append(), DcmList::prepend() and DcmList::insert() may return NULL if the passed object could not be appended, prepended or inserted into the list. In this case, the caller must delete the memory associated with the object. |         |                        |            |