

---

Subject: Improved heap diagnostics

Posted by [mirek](#) on Sun, 16 Mar 2008 14:47:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Debug mode heap diagnostics improved. Write before/past block checks are now more accurate.

Memory leaks now list a "memory breakpoint" value. Add this value to commandline (e.g. "--memory-breakpoint\_\_ 107749") and the U++ will stop at corresponding "new" statement with segmentation fault (something you can catch with debugger and see the call stack). (Of course, if you are about to detect the real culprit, the code must do exactly the same thing..)

Also:

```
void MemoryIgnoreLeaksBegin();  
void MemoryIgnoreLeaksEnd();
```

supress any memory allocated in between to be considered a memory leak. This can be nested and is thread specific.

Mirek

---