NEXTSTEP

Title: EOApplication leaks after exception in modal panel

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Question

After cancelling or raising and exception in a modal panel, my program begins leaking all autoreleased objects. Consequently, the virtual memory size of my application keeps growing. How can I fix this?

Answer

The EOApplication class supplied with EOF is responsible for managing the top level autorelease pool for the application.   There is a bug in the implementation shipped with EOF 1.0 and EOF 1.1 that causes it to permanently cease freeing autoreleased objects once an exception has been raised from inside a modal panel.   Calling NXAbortModal() also causes this problem.

You can work around this problem by linking the 4-way fat patch provided with NeXTanswer #2082
 (also available via ftp from ftp.next.com under the path in URL format:

ftp://ftp.next.com/pub/NeXTanswers/Files/Software_and_Tools/Unsupported_Software/EOApplicationPatch/2082_EOApplicationPatch.o)

See Also:

Valid for: EOF 1.0, EOF 1.1, NEXTSTEP 3.2 Developer, NEXTSTEP 3.3 Developer