to fake the calling sequence: doesn't thread, as if it were a spontaneous subroutine call. Because the caller

In other languages, event handling can happen in the currently running managed by the runtime.

In Swing, as in many GUI packages, events are handled by separate threads, Signal handlers

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languages with nested subroutines.

Note the connection to access to static members of the surrounding class only.

the library. Can be a static method or a method of a particular

Paused

or anonymous inner classes:

Commonly used in interactive programs

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(3) Can sort of fake it in C with

(1) Push handler address when entering a protected block, pop when leave.

Implementation of statically

Arguments as members of object.

Variables

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It's something of pain in languages without exceptions: need extra

may need a different handler for each type of exception.

Design in exception handling facilities?

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- is an exception handler?

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user

- defined conditions (not necessarily errors)

- wrong type for input data

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...