Fail better

CocoaHeads Paris

“Ever tried. Ever failed. No matter. Try Again. Fail again. Fail better.”

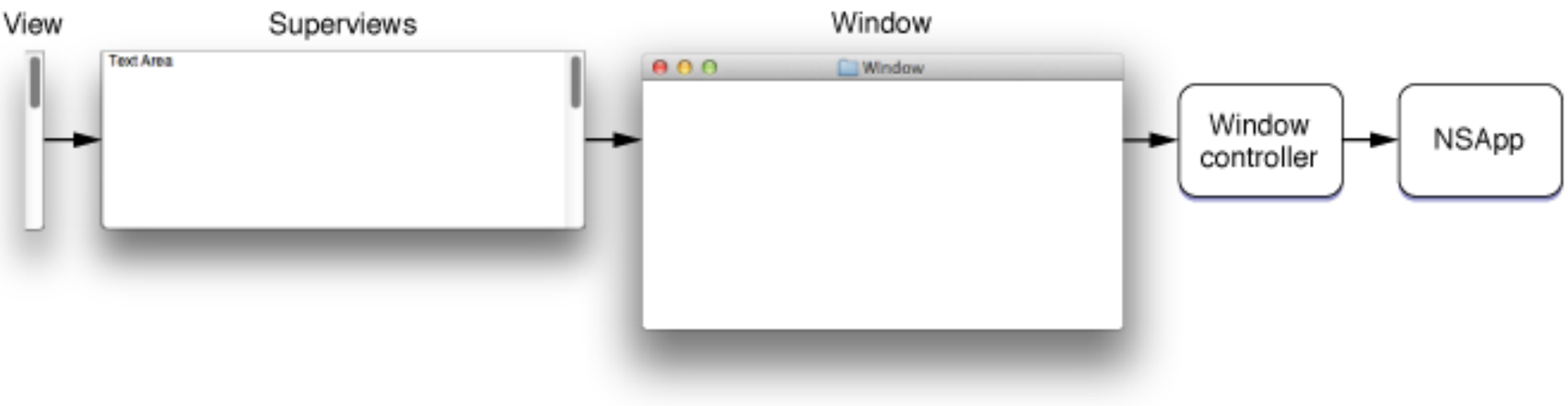
Samuel Beckett

presentError:

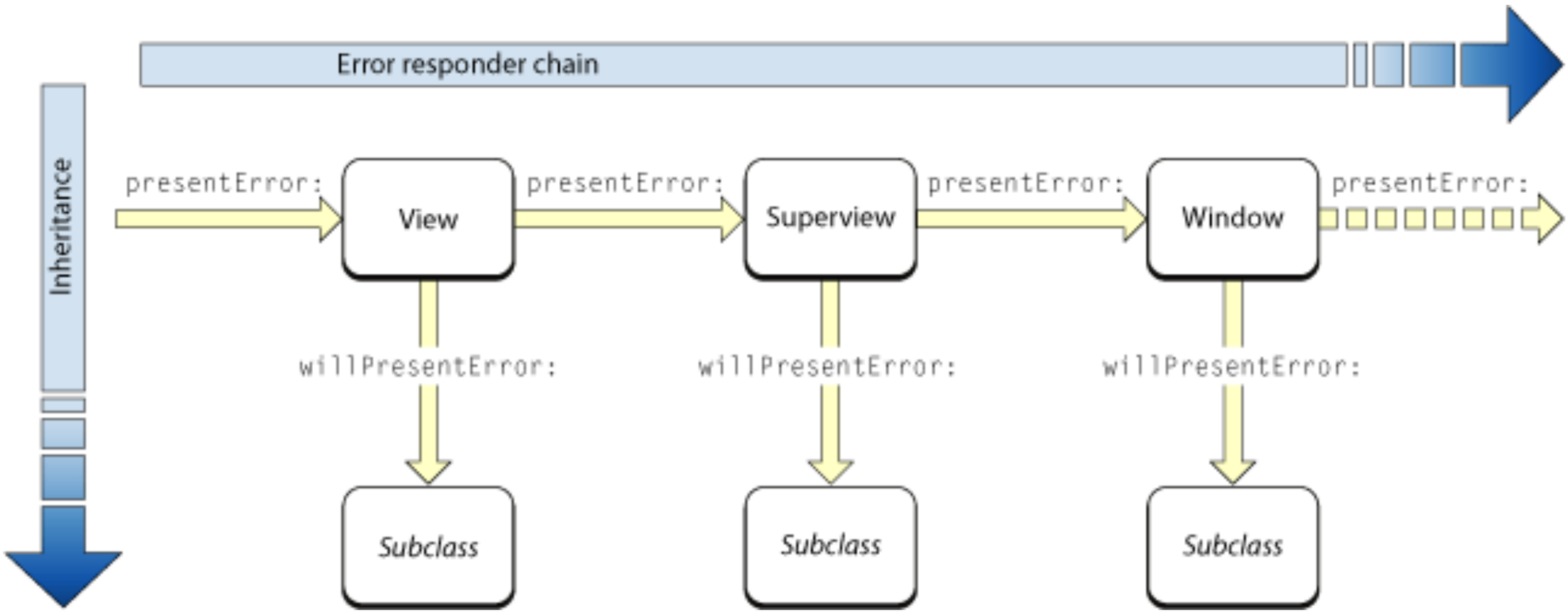
Introduced in Mac OS 10.4

-[NSResponder presentError:]

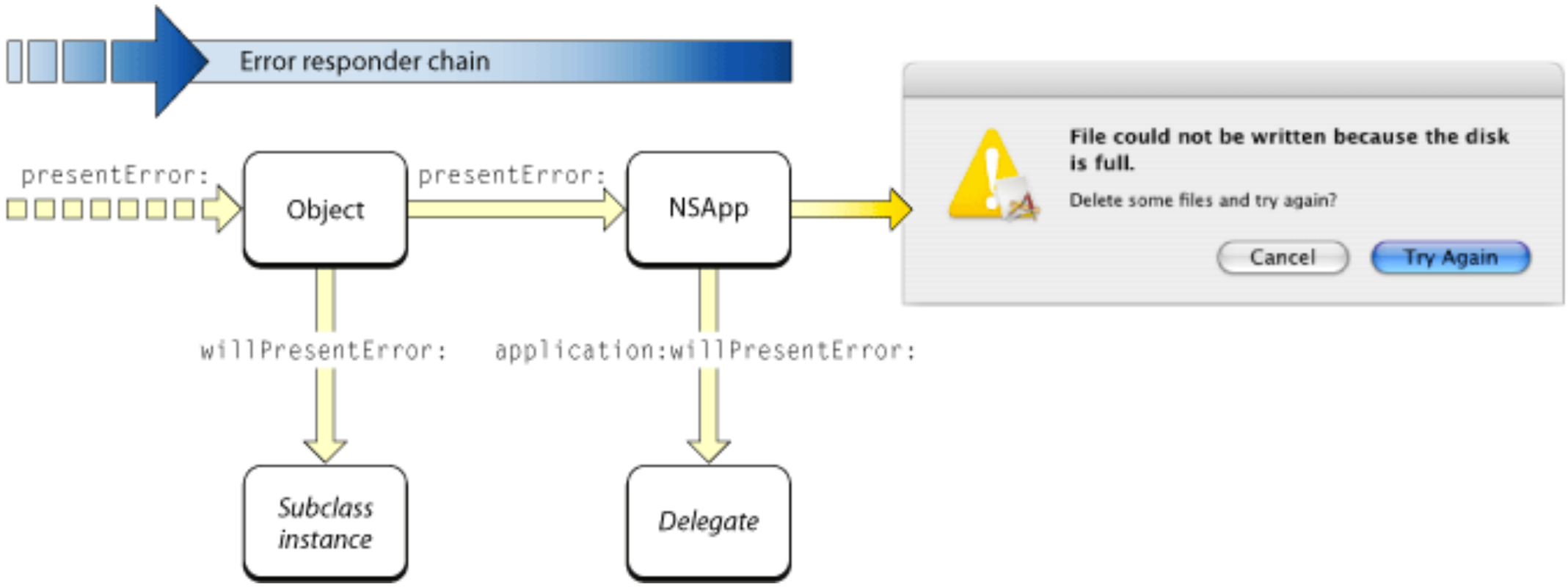
Follows the responder chain



-[NSResponder willPresentError:]



From http://developer.apple.com/library/mac/#documentation/Cocoa/Conceptual/ErrorHandlingCocoa/ErrorHandling/ErrorHandling.html



From http://developer.apple.com/library/mac/#documentation/Cocoa/Conceptual/ErrorHandlingCocoa/ErrorHandling/ErrorHandling.html

Why so cool?

Contextualization!

1. Level of information

2.Visual context

1. Level of information

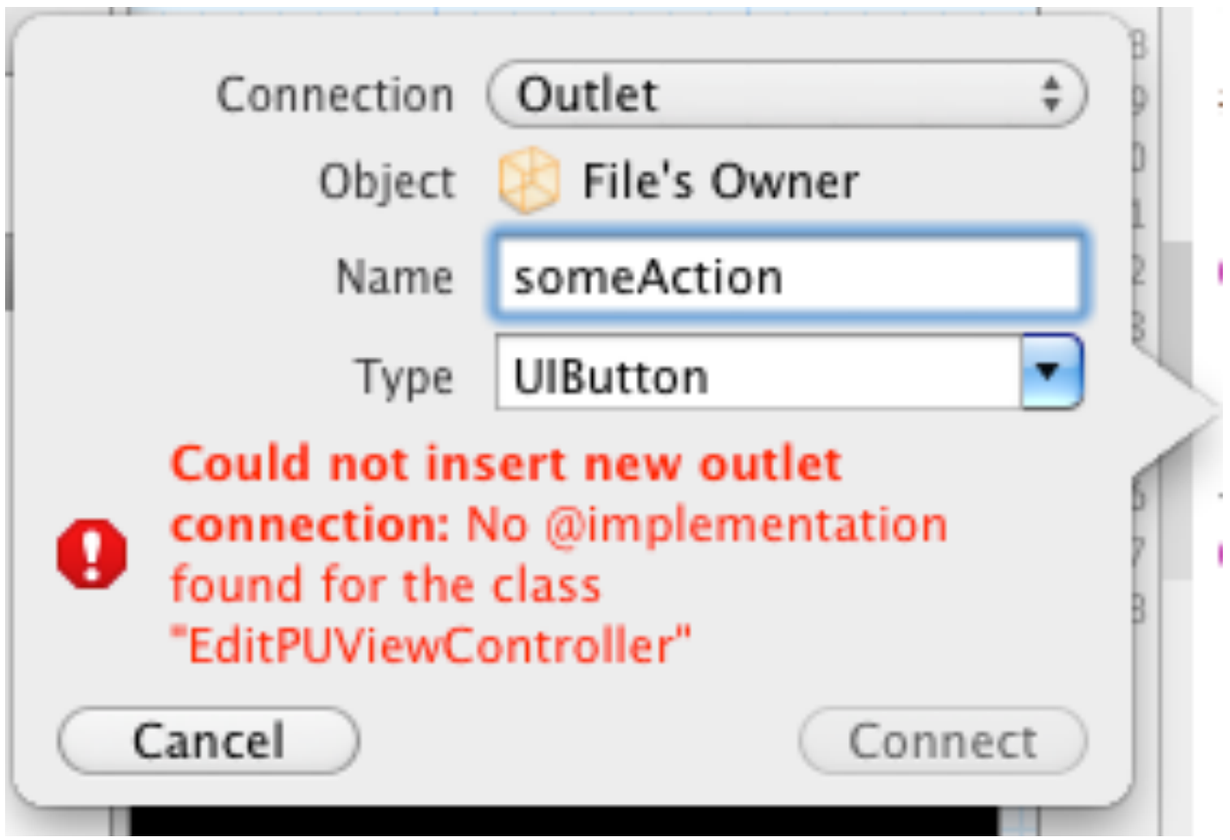
"I want errors precise, but still understandable"

- generate precise errors
- rewrite errors for to the context

2. Visual context

"Where did this error occur?"

- embedding errors in the UI


Connection
Outlet
Object
File's Owner
Name
someAction
Type
UIButton
Could not insert new outlet connection: No @implementation found for the class "EditPUViewController"
Cancel
Connect

13:57
Cannot Open Page
www.apple.com/
Search
Safari cannot open the page because your iPhone is not connected to the Internet.
3

Available on UIResponder too !

~~Available on~~

~~UIResponder too !~~

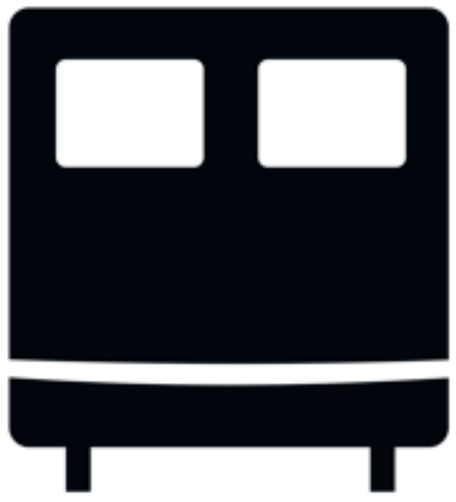
Re-implement!

Demo

Links

github.com/kemenaran/ios-presentError
github.com/hectr/ErrorKit

pierre@capitainetrain.com



Thanks