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Last Year...

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- But Qt itself is awkward sometimes:
- Layouts are lacklustre
- Some features can't be changed
- Widgets are not extensible enough

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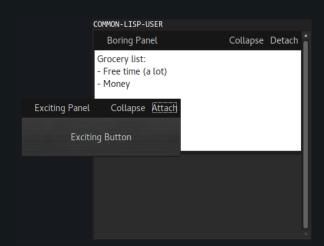
What to Do?

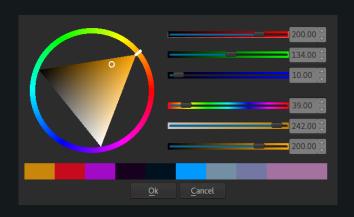
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Enter Qtools-UI

- Offers a new, dynamic layouting protocol
- Implements a few standard layouts and widgets
- Includes useful base-classes to work with
- And completely pre-made components

Things Like...





```
CL-USER> (+ 1 1)
ISER> (format T "woah, a REPL!")
     (error "Oh no.")
     (defun ?(!)(if(= 1 !)!(*(!(1- !))!)))
     (defun ?(!)(if(= 1 !)!(*(?(1- !))!)))
ISER> (? 4)
```

whoa! Active Restarts: Stop the task Skip running #<BLOCKING-CALL-TASK :FUNC #<CLOSURE (LAMBDA ()) {100A3273CB}> :STATI Stop the runner #<QUEUED-RUNNER: STATUS: RUNNING (1004D9C973)> entirely. STOP-RUNNER Stop the runner #<QUEUED-RUNNER:STATUS:RUNNING (1004D9C973)> entirely. Exit debugger, returning to top level. Stack Trace: 13 QTOOLS-UI:INVOKE-GUI-DEBUGGER 16 (LABELS #:BODY959) 17 (LABELS #:INNER960) 18 (LAMBDA ()) 19 (:METHOD SIMPLE-TASKS:RUN-TASK (SIMPLE-TASKS:CALL-TASK)) 20 (FLET CALL-NEXT-METHOD :IN "/home/linus/Projects/CL/simple-tasks/task.lisp") 21 (:METHOD SIMPLE-TASKS:RUN-TASK :AROUND (SIMPLE-TASKS:TASK)) 22 (FLET CALL-NEXT-METHOD :IN "/home/linus/Projects/CL/simple-tasks/task.lisp") 23 (:METHOD SIMPLE-TASKS:RUN-TASK :AROUND (SIMPLE-TASKS:NOTIFYING-TASK)) 24 (:METHOD SIMPLE-TASKS:START-RUNNER (SIMPLE-TASKS:QUEUED-RUNNER)) 25 (SB-PCL::EMF SIMPLE-TASKS:START-RUNNER) 26 (FLET CALL-NEXT-METHOD :IN "/home/linus/Projects/CL/simple-tasks/runner.lisp") 27 (:METHOD SIMPLE-TASKS:START-RUNNER :AROUND (SIMPLE-TASKS:RUNNER)) 28 (LAMBDA (): IN TRIVIAL-MAIN-THREAD::RUNNER-STARTER) 29 (FLET #:WITHOLIT-INTERRUPTS-RODY-1317 IN SR-THREADINTERRUPT-THREAD)

What's Next?

- More layouts
- More components

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- More layouts
- More components
- · More everything!

What's Next?

- More layouts
- More components
- · More everything!
- More extensive testing needed
- Contributors are more than welcome



https://shinmera.github.io/qtoo1s-ui Available on Quicklisp