

Squeak User Interface
The Squeak UI has some unusual elements that you may not have seen before

Working With Squeak

Welcome to Squeak 4.3

Squeak 4.3 - Rice Paper

This is a list of the main achievements that went into the trunk image.

Networking
- better control of socket connection timeouts

Threads
- added support for threaded VMs

Package Management
- packages specifiable either with or without
- extended support for MConfigurations to
MCDirectoryRepositorys

Math

MERC [1] on how to load code back
delineating the separate res

Workspace

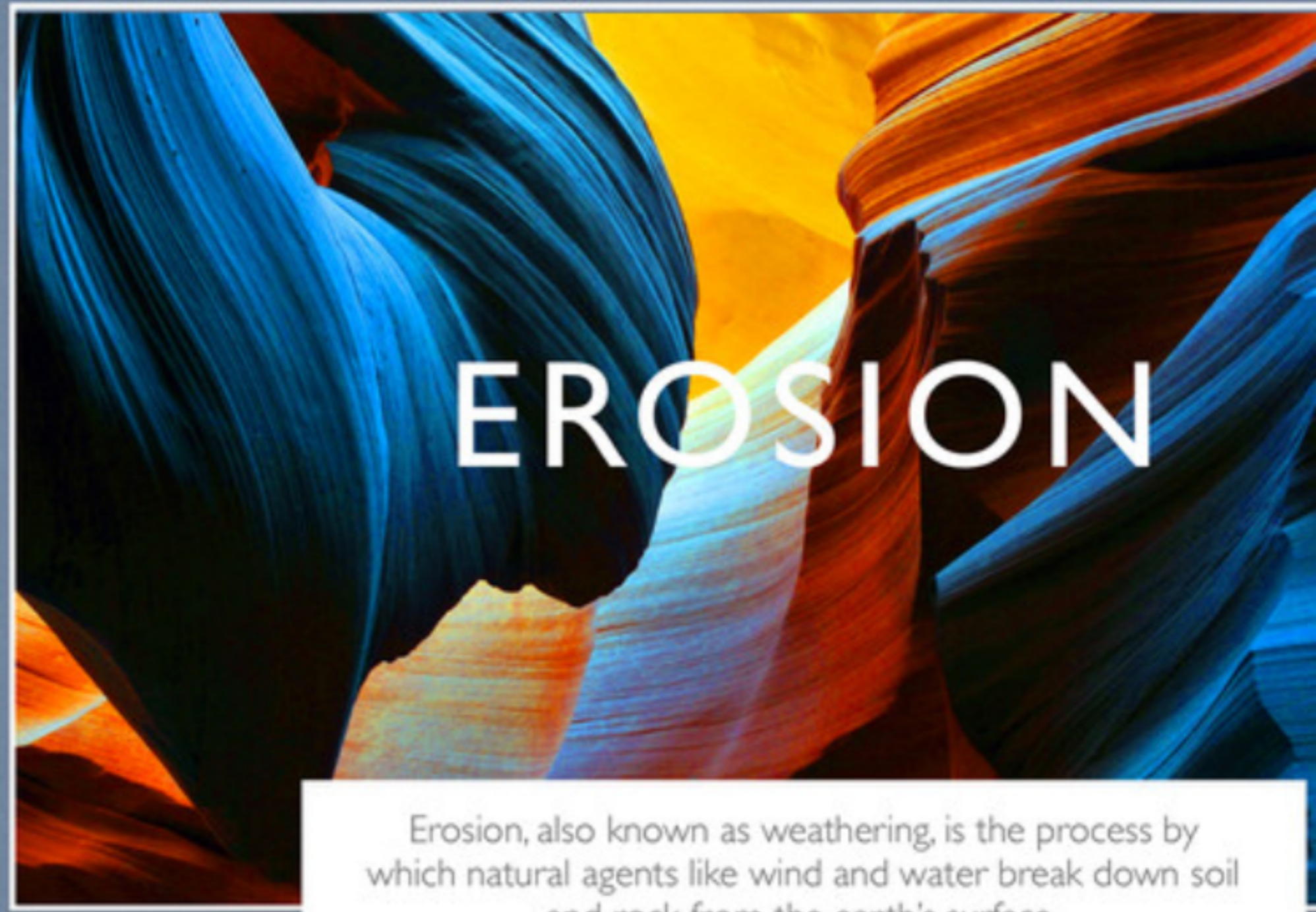
System Browser

- Kernel-Chronology
- Kernel-Classes
- Kernel-Methods
- Kernel-Models
- Kernel-Numbers
- Kernel-Objects
- Kernel-Processes
- Kernel-Processes-Var
- KernelTests-Chronolo
- KernelTests-Classes

instance ? class

browse senders implementors versions inheritance hierarchy vars source

[Empty content area for System Browser]



Erosion, also known as weathering, is the process by which natural agents like wind and water break down soil and rock from the earth's surface.

Home Insert Design Animations Slide Show Review View Developer

Paste New Slide Layout Reset Delete Slides

Font 44 A A Aa

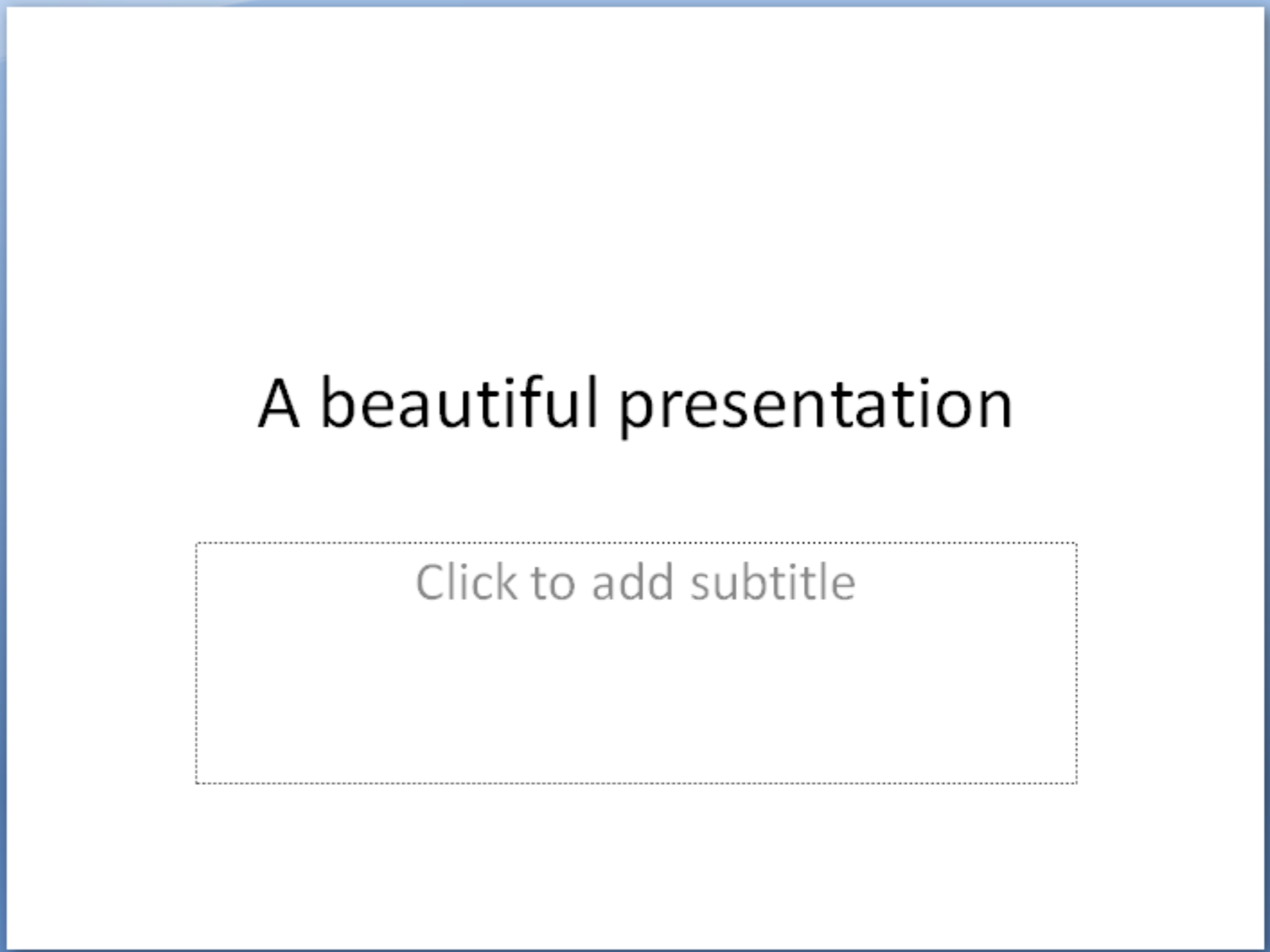
Paragraph

Shapes Arrange Quick Styles Drawing Shape Fill Shape Outline Shape Effects

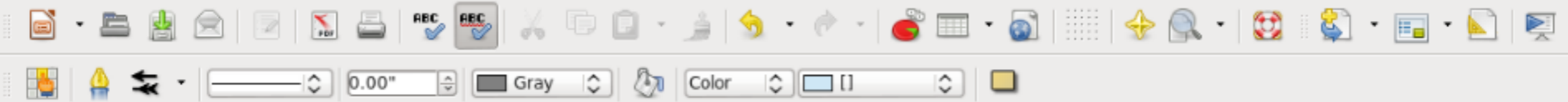
Editing Find Replace Select

Slides Outline

1 A beautiful presentation



Click to add notes



Slides

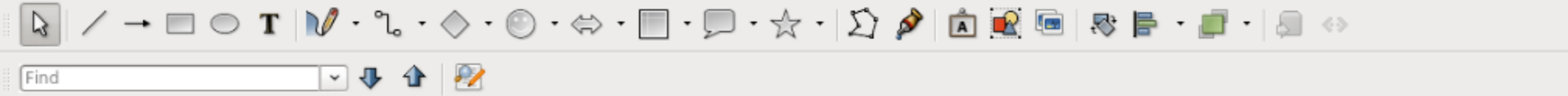
1 A presentation

The slide thumbnail panel shows a single slide with the number '1' in the top-left corner and the text 'A presentation' centered on the slide.

Normal Outline Notes Handout Slide Sorter

A presentation

Click to add text

The main slide editing area shows the current slide. At the top, there are tabs for 'Normal', 'Outline', 'Notes', 'Handout', and 'Slide Sorter'. The slide content includes a large title 'A presentation' and a dashed rectangular box containing the text 'Click to add text'. A vertical scrollbar is visible on the right side of the slide.



I  Shoes

Shoes4 - Ruby for GUI

Tobias Pfeiffer (@PragTob)
Blog: pragtob.wordpress.com

What is Shoes?

- GUI toolkit/DSL
- cross-platform
- packaging
- all Ruby all the time
- simple

Shoes3

- current reference implementation
- by `_why`
- more of a C project
- bugs and problems

Shoes4

- concentrate efforts
- aiming for 100% compatibility
- complete all ruby rewrite
- pluggable backend
- default backend: JRuby + SWT

Pluggable Backend



DSL

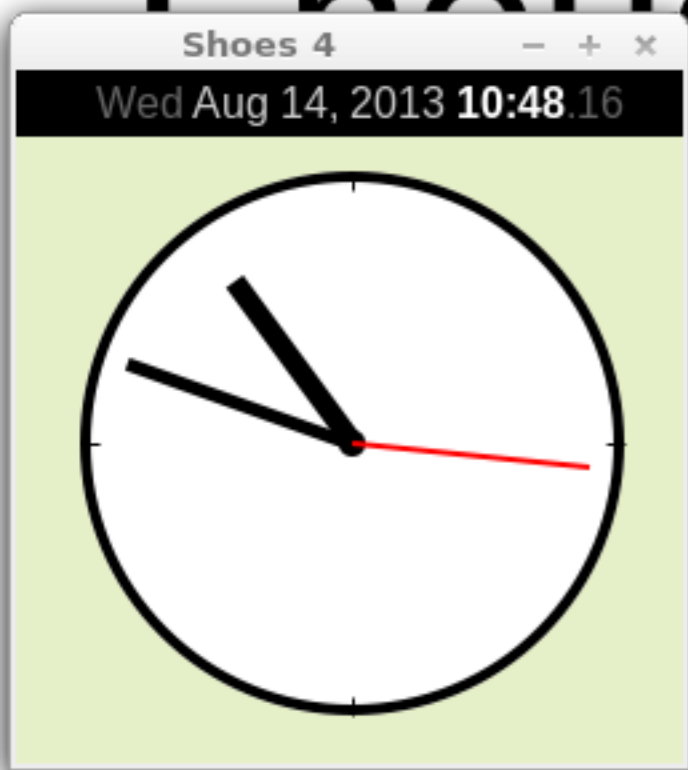
Backend

Enough talking!

Enough talking!

- A bit of animation

Enough talking!



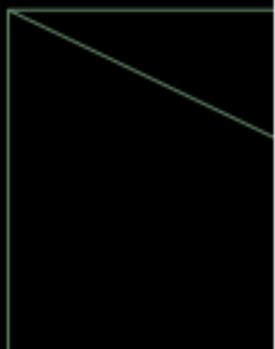
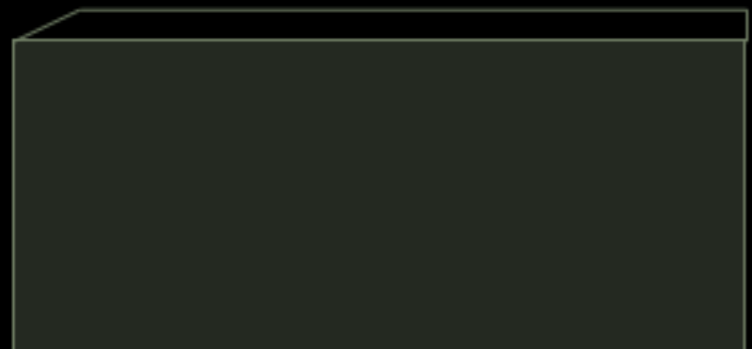
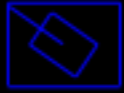
animation

Enough talking!

- A bit of animation
- A clock
- snake

Enough talking

Shoes 4





More Samples


infoes


This is infoes!


[Refresh](#)
(This will automatically happen every 5 minutes)


 Peter Schröder: jetzt kann ich es münchen heimzahlen! %
{screenname} sperren! <http://t.co/zGkhEfOP> 2012-07-03
21:10:44 +0200 [Go to Tweet](#)


 Ryan Bates: RT @clarkware: @rbates If I used that ringtone, I'd
expect to hear your voice on the other end of the phone. :-)
2012-07-03 21:10:42 +0200 [Go to Tweet](#)

 James Edward Gray II: Day 8 with The Walking Death: I now hav
the good drugs. Let's see who is more of a pain-in-the-ass today
Mr. Emacs... 2012-07-03 21:10:39 +0200 [Go to Tweet](#)

 Ryan Bates: Fun fact: I did that xylophone jingle on my keyboard
and that intro was motivated by the constraints of the Animator
codec. 2012-07-03 21:10:12 +0200 [Go to Tweet](#)

 Ryan Bates: Someone requested an MP3 of the old RailsCasts
xylophone intro to use as a ringtone. In case anyone else wants
it: <http://t.co/bBs9K8Ke> 2012-07-03 21:01:58 +0200 [Go to Tweet](#)

 Carol Nichols: RT @defunkt: When Quora asks me to log in to
view a response, instead of logging in I just don't use Quora.
2012-07-03 20:52:16 +0200 [Go to Tweet](#)

 The Status Code: A look at 'fractal trees' (vs B-trees) and how
they win out at high scale data scenarios: <http://t.co/cln7olvT>

[Home](#)
[Twitter](#)
[Settings](#)
[RSS feed](#)
[Settings](#)
[General](#)
[Settings](#)
[About](#)
[Close](#)

More Samples



More Samples

pomodoro tracker

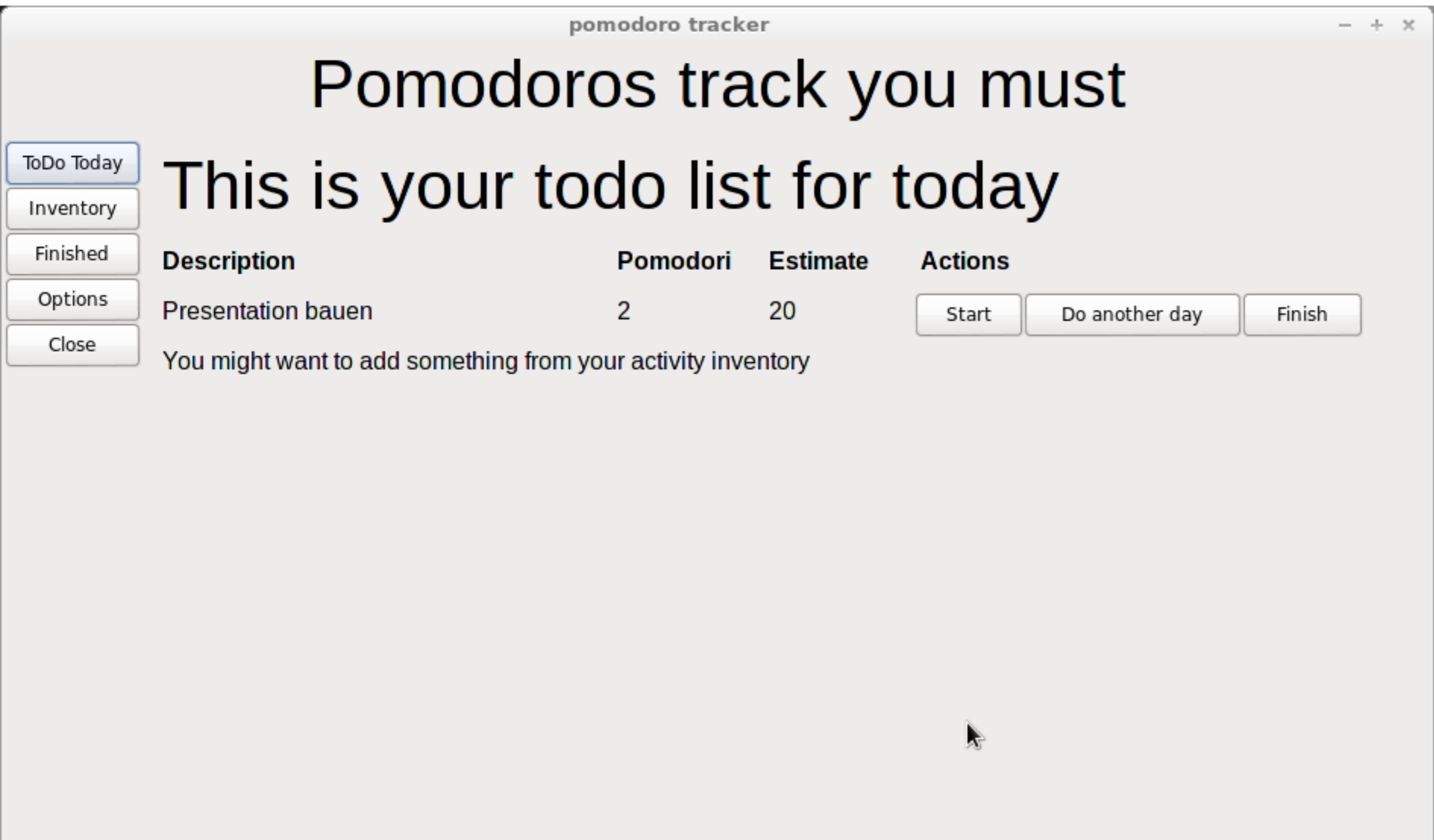
Pomodoros track you must

This is your todo list for today

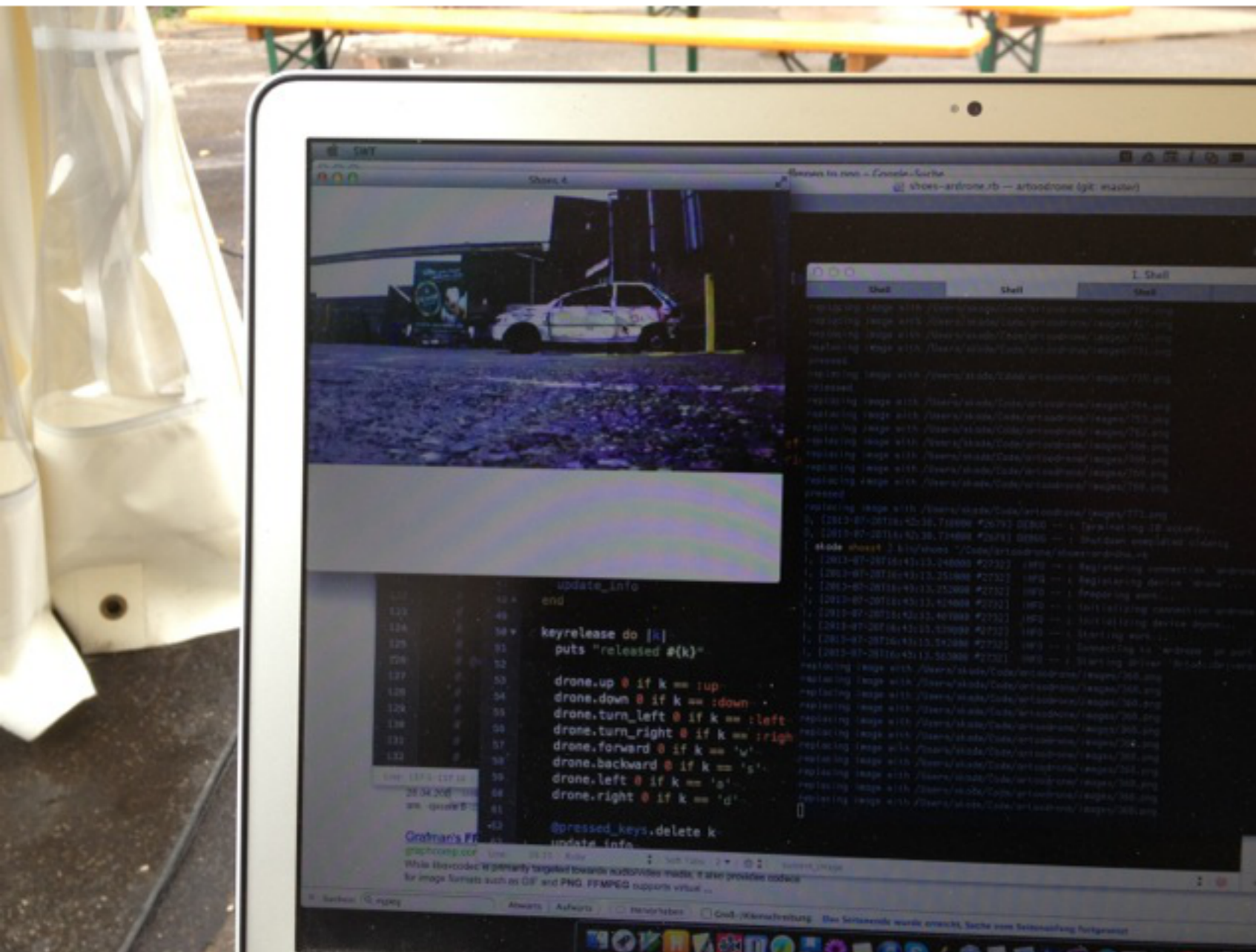
ToDo Today
Inventory
Finished
Options
Close

Description	Pomodori	Estimate	Actions
Presentation bauen	2	20	Start Do another day Finish

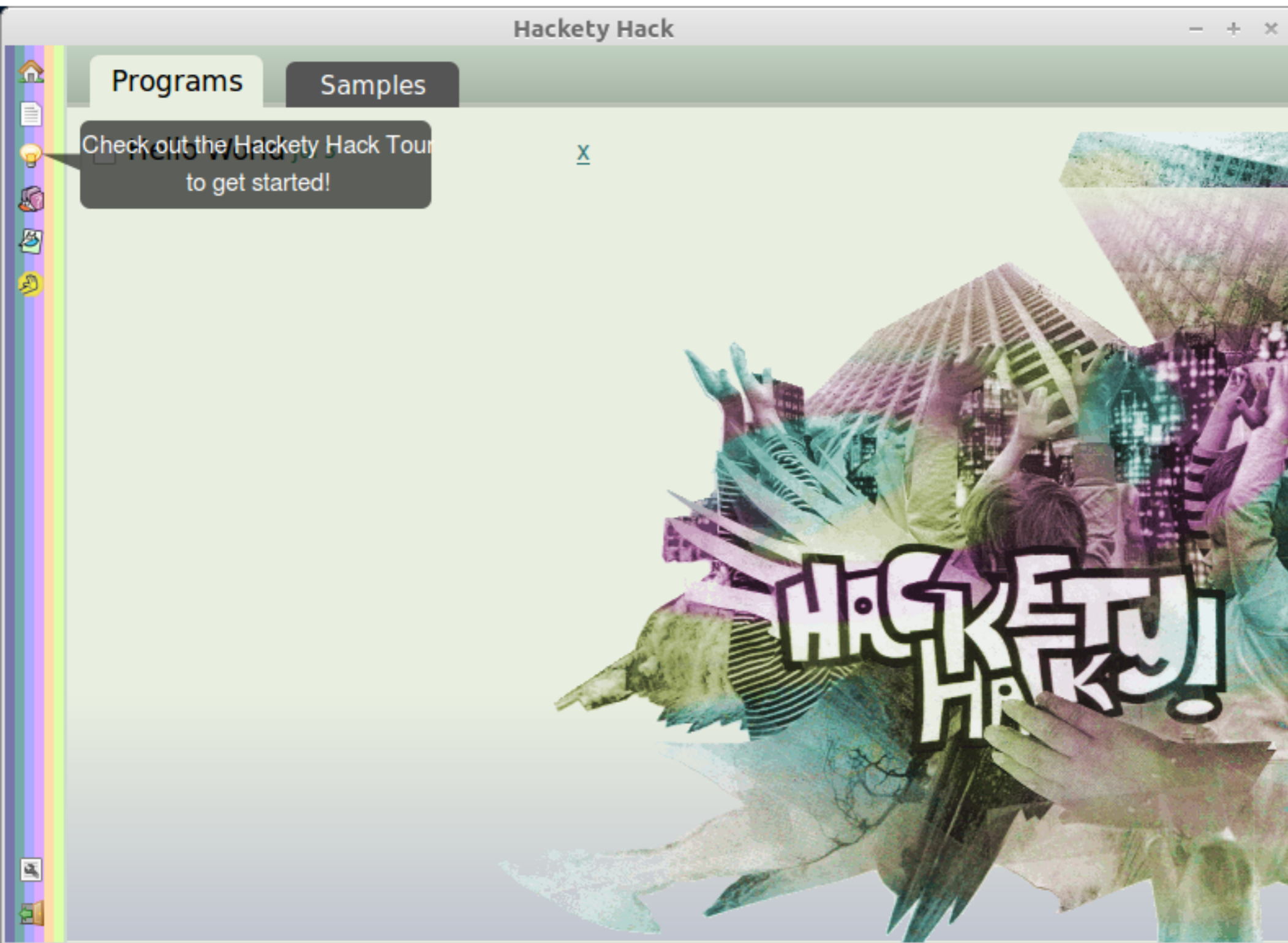
You might want to add something from your activity inventory

The image shows a screenshot of a software application window titled "pomodoro tracker". The window has a light gray background and standard window controls (minimize, maximize, close) in the top right corner. The main content area displays a heading "Pomodoros track you must" followed by a sub-heading "This is your todo list for today". On the left side, there is a vertical stack of five buttons: "ToDo Today" (highlighted with a blue border), "Inventory", "Finished", "Options", and "Close". Below these buttons is a table with four columns: "Description", "Pomodori", "Estimate", and "Actions". The table contains one row with the description "Presentation bauen", 2 Pomodori, and an estimate of 20. The Actions column for this row contains three buttons: "Start", "Do another day", and "Finish". Below the table, there is a line of text: "You might want to add something from your activity inventory". A mouse cursor is visible at the bottom center of the window.

More Samples



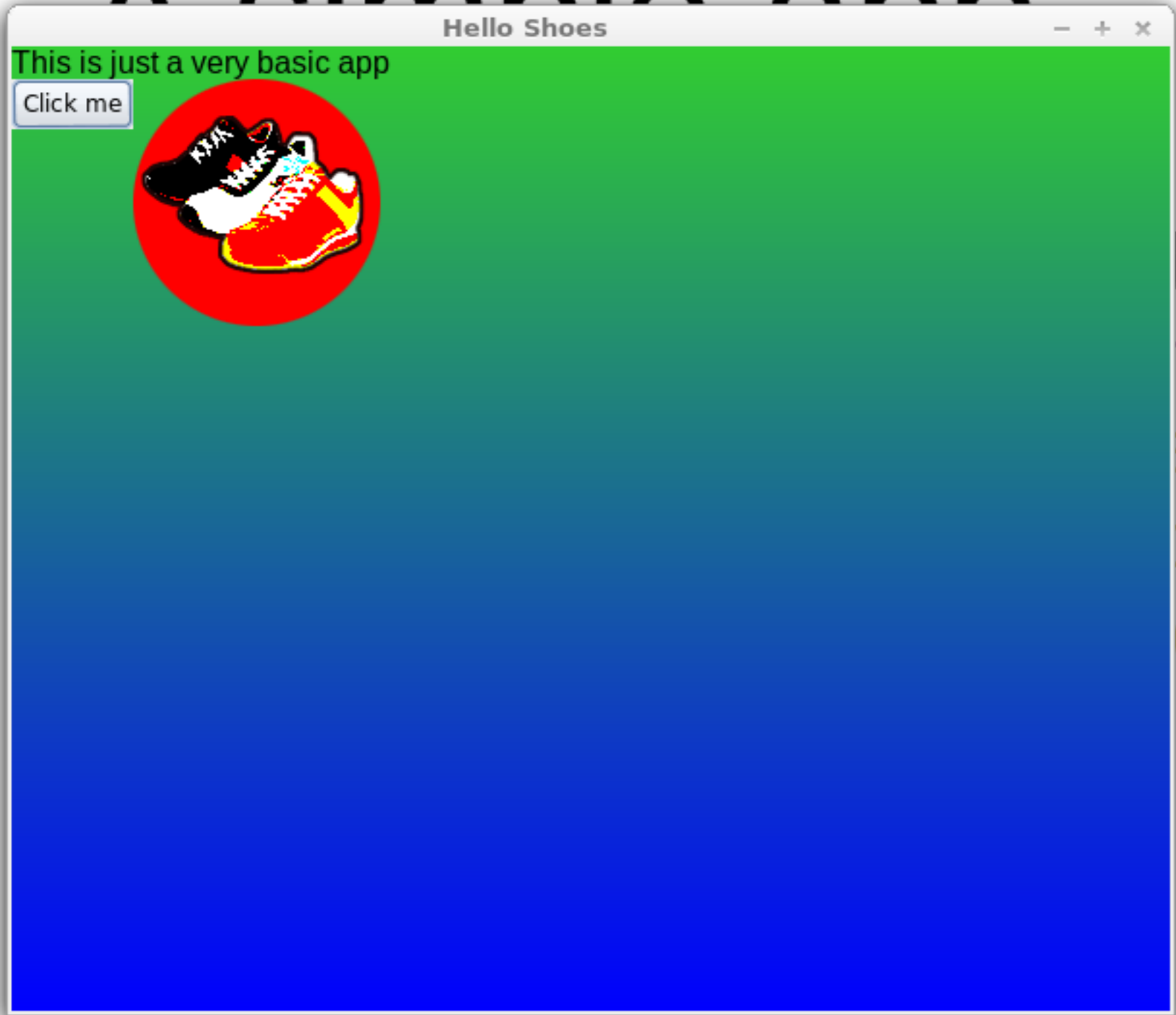
More Samples



A simple app

```
Shoes. app title: 'Hello Shoes' do
  background gradient limegreen..blue
  para 'This is just a very basic app'
  button 'Click me' do alert 'Hello there!' end
  image 'http://shoesrb.com/img/shoes-icon.png'
end
```

A simple app



lo
n..blue
app'
o there!' end
/shoes-icon.png'

Layout

- not so much juggling of x and y
- Flows & Stacks

Flows



A flow, on the other hand, is more like a box of matches. As you fill it up, the matches squeeze in side-to-side. Eventually, it'll fill upward. But only after side-to-side. Sardines, right?

Flows

flow do

```
23.times do image 'images/shoes-icon.png' end
```

end



Stacks



A stack. Let's say: of dominoes. A stack of dominoes.
Banded together with a rubber band. Add more, the stack
grows upward.

Stacks

```
stack do
```

```
  10.times do image 'images/shoes-icon.png' end
```

```
end
```



How does this work?

- see the code of this slide:

```
class HowDoesThisWork < Slide
  def content
    headline 'How does this work?'
    bullet 'see the code of this slide: '
    empty_line
    code __FILE__
  end
end
```

Missing before alpha

- span element for styling
- paragraph bugs
- slot :top and :left
- visibility methods

Missing before Release

- Packaging
- (a lot of) styles
- update manual

Not shipping with 1.0

- Video support
- weird styles
- new features

Why should I care?



Demo Project

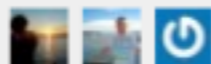
build status passing

Current Sprint

Sprint Planning

IN PROGRESS

1.o Add User Story Box in Sprint Planning Mode

[Show Description](#)[Complete](#)

1.p JavaScript Pop-Up for more Details

[Show Description](#)[Complete](#)

4.f Accuracy of Estimations

[Show Description](#)[Complete](#)

SPRINT BACKLOG

Prepare a talk about Shoes

[Show Description](#)[Start](#)

1.o Add User Story Box in Sprint Pla...

4.f Accuracy of Estimations

**SUSPENDED**

2 (Priority)

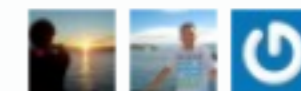
2 (Estimation)

Description

Add user story box in sprint planning mode is used to create a new user story on the sprint planning page.

[Complete](#)

Participants



Partner



Show | Edit

```
( Sometimes I wonder if I'm in my right )
( mind. Then it passes off and I'm as   )
( intelligent as ever.                  )
(                                       )
( -- Samuel Beckett, "Endgame"         )
-----
```

```
o
o
```

```
  _____
  ( Y )
  ()~*~()
  ()-()
```

```
tobi@speedy ~ $ cd github/shoes4/
```

```
Using /home/tobi/.rvm/gems/jruby-1.6.7 with gemset shoes
```

```
tobi@speedy ~/github/shoes4 $ rake spec
```

```
jruby --debug --1.9 -I spec -S ./bin/rspec --tty spec/shoes/flow_spec.rb spec/shoes/sound_spec.rb spec/shoes/animation_spec.rb spec/shoes/oval_spec.rb spec/shoes/color_spec.rb spec/shoes/radio_spec.rb spec/shoes/button_spec.rb spec/shoes/shape_spec.rb spec/shoes/list_box_spec.rb spec/shoes/framework_learning_spec.rb spec/shoes/logger_spec.rb spec/shoes/line_spec.rb spec/shoes/element_methods_spec.rb spec/shoes/app_spec.rb spec/shoes/configuration_spec.rb spec/shoes/text_block_spec.rb spec/shoes/logger/log4j_spec.rb spec/shoes/logger/ruby_spec.rb
```

```
Shoes::Logger
```

```
.get
  retrieves a registered logger
.register
  allows new loggers to be registered
```

```
Shoes::Line
```

```
specified right-to-left, top-to-bottom
behaves like basic line
```

```
  should be a kind of Shoes::Line
```

```
width
  should eq 90
```

```
height
  should eq 45
```

```
left
  should eq 10
```

```
top
  should eq 15
```

```
specified right-to-left, bottom-to-top
behaves like basic line
```

```
  should be a kind of Shoes::Line
```

```
width
  should eq 90
```

```
height
  should eq 45
```

```
left
  should eq 10
```

```
top
  should eq 15
```

```
created left-to-right, top-to-bottom
```









I  Shoes

Shoes on!

Tobias Pfeiffer (@PragTob)

Photo Credit

squeak screenshot <http://squeak.org/Screenshots/>

keynote screenshot <https://itunes.apple.com/de/app/keynote/id409183694?mt=12>

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jCSTi-

jCSUo-3ahwXW-6TF3Ts-69kvVh-6TF3jy-6TB1zM-6czbpx-7FAntK-9BgZG3-9Sr6v-4eX26P-

t1oH9-t1oF4-t1oL7-t1oGb-t1oHP-t1oGL-t1oJY

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