



**Rails**  
**Bridge**  
**Cape Town**

# Schedule for the day

11AM BREAK

1PM LUNCH

3PM BREAK

OUR AWESOME SPONSORS

**Open source workshop**

**COMMUNITY PROJECT**

**EDITABLE BY ANYONE**

# Survey

WE WANT TO MAKE IT MORE BETTERER

MAKE NOTES AS YOU GO ALONG

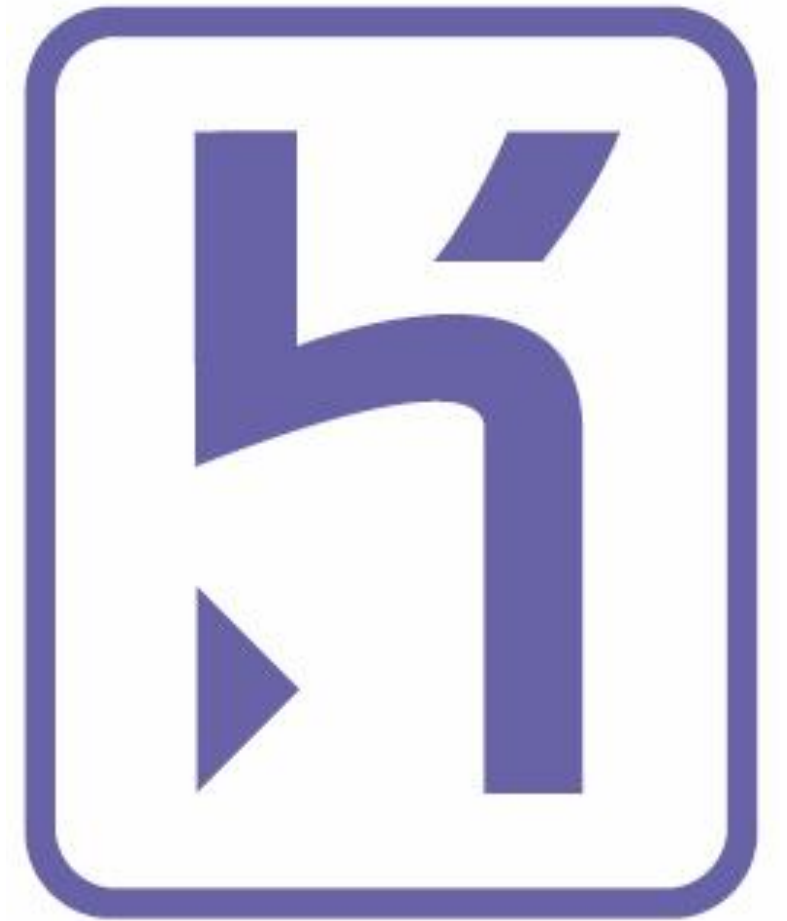
Why are we here?

DIVERSITY IN CAPE TOWN TECH  
PROGRAMMING SKILLS: USEFUL,  
EMPOWERING, FUN

Goal of the day

BUILD AND PUBLISH A WEB  
APPLICATION  
ON THE INTERNETZ!

# WHAT WILL YOU LEARN TODAY?



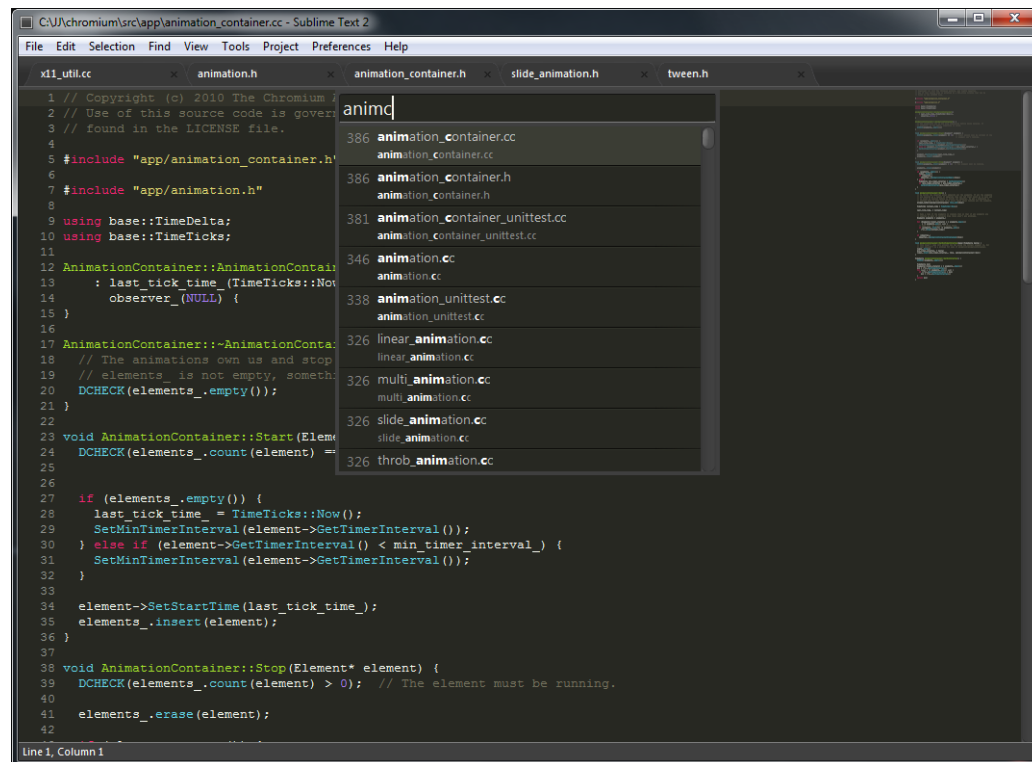


# HOW DO THESE FIT TOGETHER?



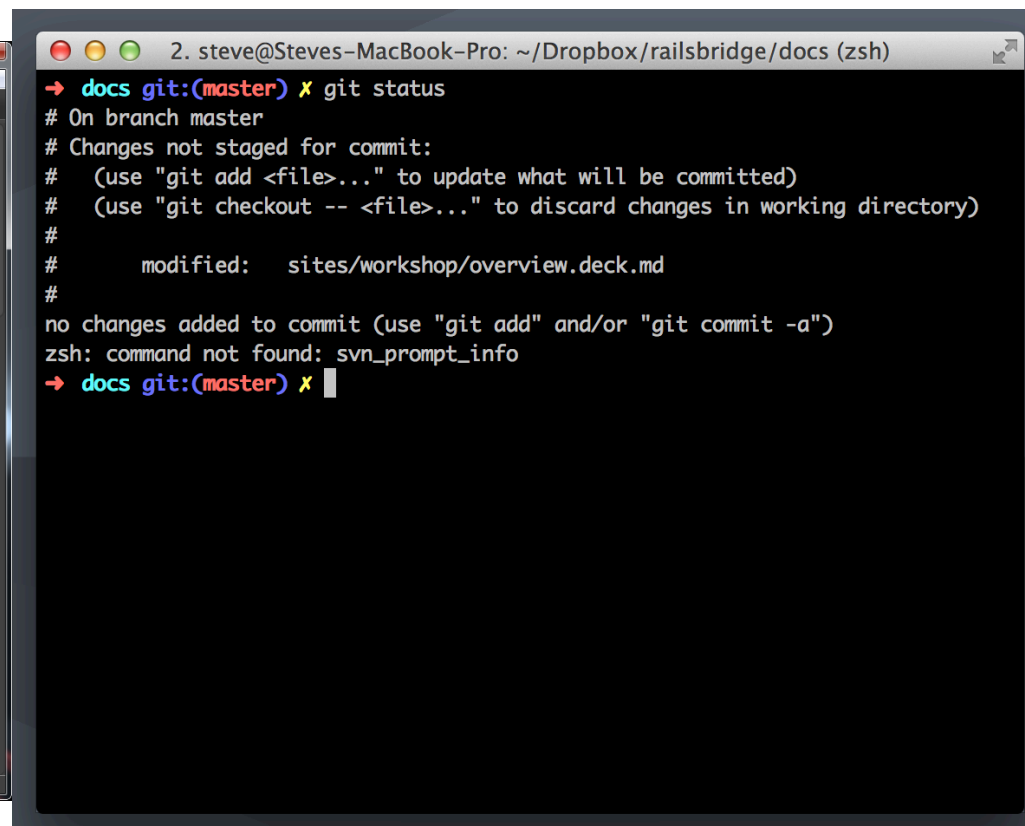
# YOUR DEVELOPMENT SET UP

## TEXT EDITOR, TERMINAL, BROWSER



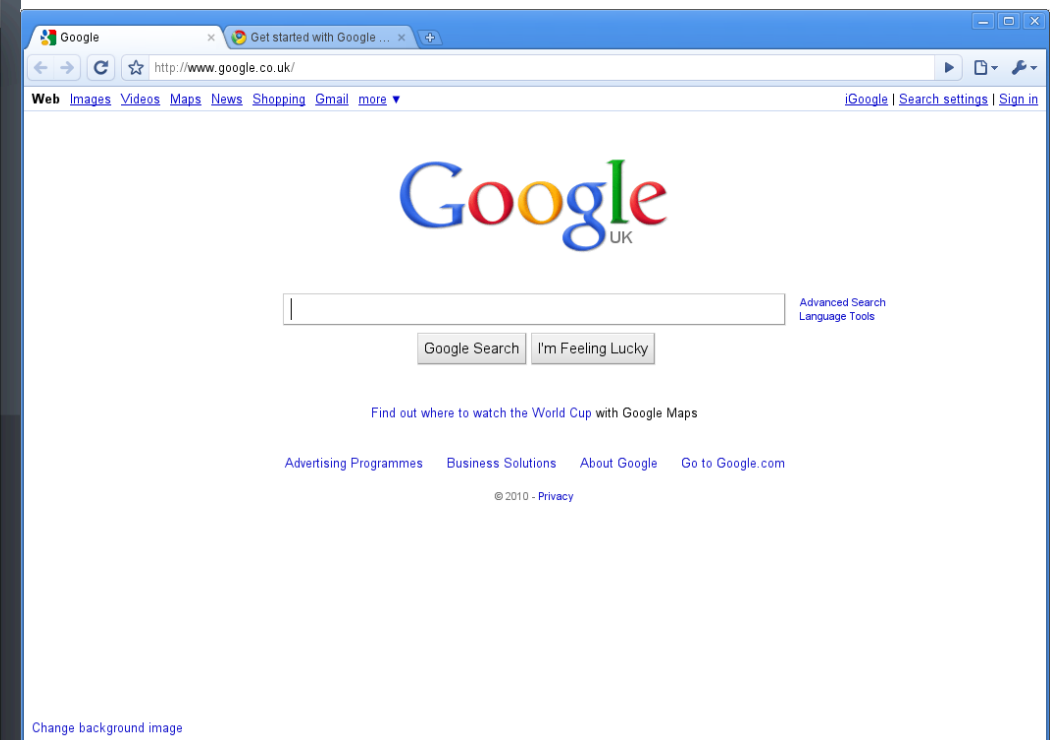
A screenshot of the Sublime Text 2 text editor. The main window displays C++ code for an animation container. The code includes comments, includes, using statements, and function definitions. A sidebar on the right shows a file explorer with a tree view of the project files, including animation\_container.h, animation\_container.cc, animation\_container\_unittest.cc, linear\_animation.cc, multi\_animation.cc, slide\_animation.cc, and throb\_animation.cc. The status bar at the bottom indicates 'Line 1, Column 1'.

```
1 // Copyright (c) 2010 The Chromium
2 // Use of this source code is gover
3 // found in the LICENSE file.
4
5 #include "app/animation_container.h"
6
7 #include "app/animation.h"
8
9 using base::TimeDelta;
10 using base::TimeTicks;
11
12 AnimationContainer::AnimationContai
13 : last_tick_time_(TimeTicks::Now)
14 : observer_(NULL) {
15 }
16
17 AnimationContainer::~AnimationConta
18 // The animations own us and stop
19 // elements_ is not empty, someth
20 DCHECK(elements_.empty());
21 }
22
23 void AnimationContainer::Start(Eleme
24 DCHECK(elements_.count(element) ==
25
26
27 if (elements_.empty()) {
28   last_tick_time_ = TimeTicks::Now();
29   SetMinTimerInterval(element->GetTimerInterval());
30 } else if (element->GetTimerInterval() < min_timer_interval_) {
31   SetMinTimerInterval(element->GetTimerInterval());
32 }
33
34 element->SetStartTime(last_tick_time_);
35 elements_.insert(element);
36 }
37
38 void AnimationContainer::Stop(Element* element) {
39   DCHECK(elements_.count(element) > 0); // The element must be running.
40
41   elements_.erase(element);
42 }
```



A screenshot of a terminal window titled '2. steve@Steves-MacBook-Pro: ~/Dropbox/railsbridge/docs (zsh)'. The terminal shows the output of the 'git status' command. The output indicates that the user is on the 'master' branch and that there are no changes staged for commit. A file 'sites/workshop/overview.deck.md' is listed as modified. The terminal also shows the command 'git status' being executed and the output 'no changes added to commit (use "git add" and/or "git commit -a")'. The prompt 'zsh: command not found: svn\_prompt\_info' is visible. The terminal ends with the prompt 'docs git:(master) x'.

```
→ docs git:(master) x git status
# On branch master
# Changes not staged for commit:
#   (use "git add <file>.." to update what will be committed)
#   (use "git checkout -- <file>.." to discard changes in working directory)
#
#       modified:   sites/workshop/overview.deck.md
#
no changes added to commit (use "git add" and/or "git commit -a")
zsh: command not found: svn_prompt_info
→ docs git:(master) x
```



# The Rails Philosophy

OPINIONATED

CONVENTION OVER CONFIGURATION

MINIMAL CODE - MAXIMAL EFFECT

**After today?**

[RBCPT.ORG/RESOURCES](http://RBCPT.ORG/RESOURCES)

MORE CODING, RUBY, OR RAILS

DO ANOTHER RAILSBRIDGE

RBCPT.ORG/START