Programming
Language

Move fast, and break things

Short term gain, long term loss

Short term loss, long term gain

~~Move fast, and break things~~

Programming
Language
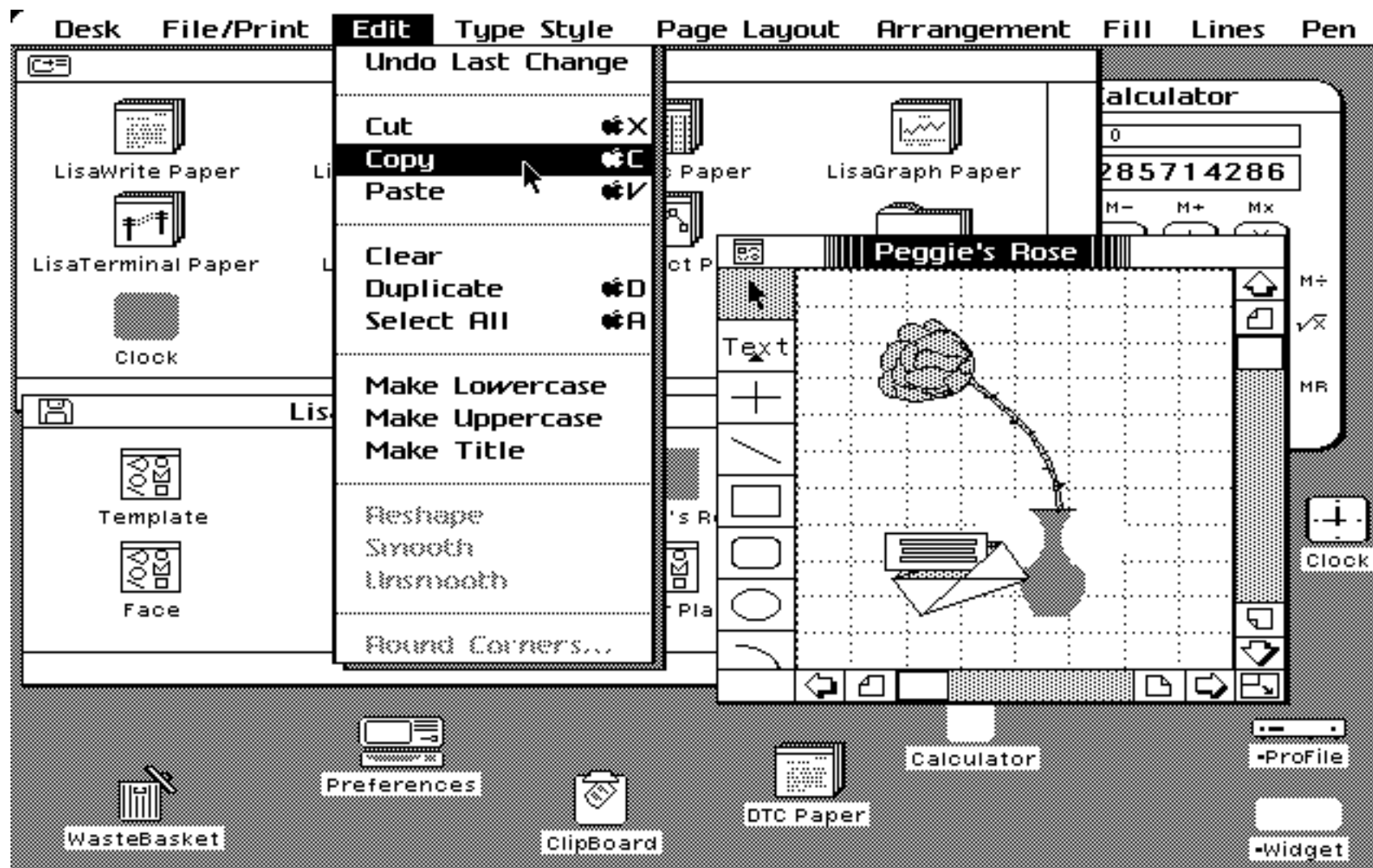
12 WEEK PROGRAM

BEFORE

AFTER

Language is a limiting factor to the world around us.

What we can't express with words, we can't comprehend and by knowing this we can reason that by keeping an open mind, learning new languages and experimenting with different ways of solving problems we can achieve a deeper level of understanding in our work.

Dave Thomas, Yow Connected 2015

The 'Desktop' metaphor

Desk   File/Print   **Edit**   Type Style   Page Layout   Arrangement   Fill   Lines   Pen

Edit menu:
- Undo Last Change
- Cut ⌘X
- **Copy** ⌘C
- Paste ⌘V
- Clear
- Duplicate ⌘D
- Select All ⌘A
- Make Lowercase
- Make Uppercase
- Make Title
- Reshape
- Smooth
- Unsmooth
- Round Corners...

LisaWrite Paper
LisaTerminal Paper
Clock

Template
Face

LisaGraph Paper

Peggie's Rose

Text

Calculator
0
285714286
M−   M+   Mx
M÷
√x̄
MR

Clock

Preferences

ClipBoard

DTC Paper

Calculator

•ProFile

WasteBasket

•Widget

Discourse
The totality of codified language (vocabulary) used in a given field of intellectual enquiry and social practice, such as legal discourse, medical discourse, religious discourse, et cetera

Discourse defines social boundaries, creates meaning and affects perspective

Sydney CocoaHeads

The IOS & Mac developer meetup In Sydney, Australia

Sydney CocoaHeads Policies

- Values
- Diversity
- Code of Conduct
- Reporting & Enforcement
- Credits

Welcome to Sydney CocoaHeads! For seven years we've been a community of software developers, focused on Apple platforms. Of course when we started in 2008 there was only one shipping Apple platform for developers (unless you count iPod games :).

In that time we've grown from attendees that you can count on one hand to three digit numbers, mirroring the growth globally in the Apple developer community. Our Australian CocoaHeads meetups have become some of the largest in the world (in the US, Europe and other continents growth tends to show in many smaller regional groups).

CocoaHeads, here and globally, is a wonderful collection of people from all sorts of technical backgrounds and all different parts of the globe. I want to ensure that we remain strong, fun, technically relevant, safe and inclusive. I hope we can not only be these things for ourselves but also as an example for other younger meetups. We are fortunate to have Apple setting such a great example, but our culture is our responsibility.

All our speakers, attendees, and anyone else taking part in CocoaHeads activities are expected to familiarise themselves with these policies. While these policies are open to discussion and change over time, attendance at any CocoaHeads event implies that you are willing to abide by the policies as in place at that time.

While the precise policies are mostly based on those of other groups (see credits below), I have tried to capture the existing culture and vibe of Sydney CocoaHeads. These policies are, of course, open to change over time. I am not the owner of Sydney CocoaHeads, merely the custodian. We do not even have formal membership. it is owned by you. Anyone who is a regular attendee can choose to be involved to the extent they wish.

It's been an exciting seven years, but I can't wait to see what comes next!

Mark Aufflick
Custodian Sydney CocoaHeads

Values

Language = Effectiveness

Domain Specific Languages (DSLs)

Debit Card
Credit Card
Gift Card
Loyalty Card

Whiteboard before you code

Pull Requests

- Explain the problem,
- How you're solving it,
- Why your solution is viable
- How you know your solution solves it

github.com/Danger

```ruby
 1    # Sometimes its a README fix, or something like that - which isn't relevant for
 2    # including in a CHANGELOG for example
 3
 4    has_app_changes = !modified_files.grep(/lib/).empty?
 5    has_test_changes = !modified_files.grep(/spec/).empty?
 6
 7    if ["KrauseFx", "orta"].include?(pr_author) == false
 8      warn "Author @#{pr_author} is not a contributor"
 9
10      if modified_files.include?("*.gemspec")
11        warn "External contributors should not modify gemspec files"
12      end
13    end
14
15    work_in_progress_warning
16
17    if has_app_changes && !has_test_changes
18      warn "Tests were not updated"
19    end
20
21    if pr_body.length < 5
22      fail "Please provide a summary in the Pull Request description"
23    end
24
25    declared_trivial = (pr_title + pr_body).include?("#trivial") || !has_app_changes
26    if !modified_files.include?("CHANGELOG.md") && !declared_trivial
27      fail "Please include a CHANGELOG entry. \nYou can find it at [CHANGELOG.md](https://github.com/danger/danger/blob/master/CHANGELOG.md)."
28    end
29
30    ### Oddly enough, it's quite possible to do some testing of Danger, inside Danger
31    ### So, you can ignore these, if you're looking at the Dangerfile to get ideas.
32
33    # If these are all empty something has gone wrong, better to raise it in a comment
34    if modified_files.empty? && added_files.empty? && deleted_files.empty?
35      fail "This PR has no changes at all, this is likely a developer issue."
36    end
37
38    protect_files(path: "danger.gemspec",
39              message: ".gemspec modified",
40           fail_build: false)
```

Time is just an excuse bad developers
give that are too scared to hustle
and be better.

Confusing, unreadable code is hard to change.

Hard to change means more time,
more complexity, more money,
and less time for exciting features.

Machines will compile garbage and they will compile well-considered code just the same.

Semantics

(from Ancient Greek: σημαντικός sēmantikós, "significant") is the study of meaning. It focuses on the relationship between signifiers—like words, phrases, signs, and symbols—and what they stand for, their denotation.

29 Mar 2006
I Shall Call It.. SomethingManager

Names aren't just names,
Names *save* time

"Language is no longer regarded as peripheral to our grasp of the world we live in, but as central to it. Words are not mere vocal labels or communicational adjuncts superimposed upon an already given order of things."
- Course in General Linguistics

Learn new languages, and
new concepts of thought

Be more literate

Read less Buzzfeed,
Les Junkee,
Less Twitter,
Less Memes.

Read more novels,
biographies, blogs and diverse literature.

Write a Blog

Give public presentations!

Language is the framework for everything
we do as Software Engineers.

Conquer it and conquer the lies of 'Speed'

Thank you