Reality is broken.

Change the rules.

abstraction

abstraction

is a mechanism which permits the expression of relevant details and the suppression of irrelevant details.

Liskov, Programming With Abstract Data Types, 1974

if S is a subtype of T, then objects of type T
 may be replaced with objects of type S
 (i.e., objects of type S may substitute objects of type T)

without altering any of the desirable properties of that program (correctness, task performed, etc.)

Liskov Substitution Principle

"I wanted to make it easy for people to write good programs"

Liskov

"first you learn the value of abstraction, then you learn the cost of abstraction, then you're ready to engineer"

– @kentbeck

Recognize when is the abstraction is wrong Work at the right layer of abstraction

Reality is broken.

Perception != Reality

















EVENTS AND PLACES VISITED EVENTS AND PLACES VISITED Date Jan 8,1963 Trustay
Place Curitibn & Barigui Date Jan 9,1963 Medrosday Place Curtilia and Jaruma Weather Sunny that, then cloudy Weather Cloudy sunny; rain in the evening This morning A, Jange & his 14-year -old son In Large of the Institute Vollesurage, came at 9 % come inthe astelute Volkswagen of we sed out take us to Taruma a snall river came down to the for Barequi which is on the Ports Trass road read, with a run twater plants, Lotsof small In a few minutes we left the city of golded over a very branch, trees lined the bank & we went along enoded leve to a small river, the Berigue, Collecting the path staking the branchest plants towards , was very good for insects, Algot a Tolandsa with a our role & sound to get quite a different pepatale reschink flower thoto of lichens In an hour wemoves of usects from yesterday In a big fuld flow on to another spot on the property of a very gened terman- anthells of and - whered years clumps we comfut I sazelian a little way inside the gate Drawed Long had 2 frage of found the need west of "Elentherodection collected his narrow weather frogues roles but questler with vor small arrow which ere took

Jo De Jours Mildred Hanka



Mrs. Sidney F. Blake, the coleopterist, an Honorary Research Associate of the Smithsonian Institution, will be visiting nearly the same museums at the same time, and it is planned to travel with her during most of this long journey

Name and address of institution.
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2. Name of principal hamasticators buris N. Cockess

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L. Desired starting time of the research; time periods

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5. Beautipties of proposed research.

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6. Familities

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Settlementer Institution, Variationes 25, D. C.

2. Name of principal immedigator, buris N. Sockess

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Date Jan. 4, 1963 SMITHSONIAN INSTITUT WASHINGTON, D. C. 2056 Place Curitiba Aco Doris -Weather God, when hot; heavy rain; cool + cleary Thanks for your letter of Jan 22, which This working we started at 9 to find the bestelete of detivel + finally reached me on the 30th, Some that my but it was not after as not wouldn't wouldn't better of Museu Paraneers, + of terchiabry lot of the found to do I wrote you on the 19th theday after you aft. Dept anchology, when chief spoke trafied & total to brothe a package had arrived OK, & you had it ever g - francisco of in they are ever mate, + had one of his well hely or Well, Idofs it finally did reach you, so you telembatagistada Bokaway. Ve the west how her I Mountath Catholic lines to revene when me from his I There can't reall, anything new Reve. The west & the UMM - loss he asset it to by the whole exemenation until Feb. 7. Whe her bee industry of the Institute, I who from the to reader Brazilian Embressy for a month now, but to reachestion of local crangists, the took is a ounter Found for us after lunch to take un to our respective week, & Dr Hoge isgled of that, for he we work place & Payersmeinsworthy when got & the Simon has just been not to get regio problem + afort of the of thrown talking & recent for some course I haven't asked him yet has loyen hought Boursesta see the bestlest ladre he is finally on his worm to getting a day Moure be arranged to take un to Porte Trossa on Suckey for the his see very & some or they a War Notores pays & give you the best in raining an Br. Syda took in the Wat 5. The lunch with me nearly every day I she even

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What is relevant?

What a time to be

O Chicago, IL

Beigetreten Se



Folgen

Gallup: As Americans become more familiar with AOC, the more unfavorably they view her. Her net favorable rating has dropped from -2 to -10, now at to 31-41 (was 24-26).

AOC is underwater with every demographic group except women (+4), nonwhites (+20), and 18-34 year olds (+5)

Favorable Ratings of Rep. Alexandria Ocasio-Cortez

Next, we'd like to get your overall opinion of some people in the news. As I read each name, please say if you have a favorable or unfavorable opinion of that person — or if you have never heard of them. How about New York Congresswoman, Alexandria Ocasio-Cortez?

	Sep. 4-12, 2018 %	Feb. 12-28, 2019 %	Change (pct. pts.)
Favorable	24	31	+7
Unfavorable	26	41	+15
Never heard of/no opinion	50	29	-21
Net favorable (% favorable minus % unfavorable)	-2	-10	-8



Currently B @NumbersMunch

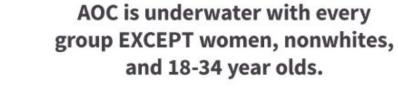
What a time to be

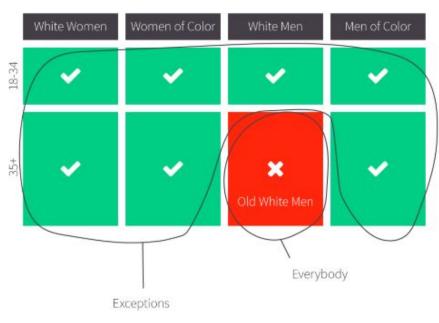
O Chicago, IL

Beigetreten Se

Chat Clussman @clussman · Mar 16

Data is hard. I made a chart to help.





#Analysis by Josh Jordan







wrong abstraction...

a condition-laden procedure which interleaves a number of vaguely associated ideas.

just-world fallacy

the general belief that the world is morally ordered, such that people generally get what they deserve

The Rise of the Meritocracy



Simply holding meritocracy as

a value seems to promote

discriminatory behavior.

Our relentless detection of patterns is part of our larger search for meaning...

Our greatest challenge may be learning to bear incoherence.

Change the rules.

sf ruby meetup

Posted on April 3, 2009 by sarah | 2 Replies

Last week I attended the March SF Ruby Meetup. (Some day I hope to attend a meetup where I don't personally double the number of women, but at least I wasn't all alone, and the guys treated me as more of a geek than a girl, which is always a good sign.) I found the talks engaging and learned a few things.

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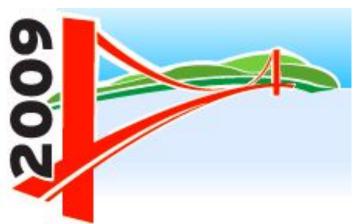
About 70 attendees

2 women

= 3%

https://www.ultrasaurus.com/2009/04/sf-ruby-meetup/







200 attendees 6 women = 3% If we held a workshop to teach women Ruby, with 10-20 women / month, 12 months = about 200 women Assume that 10% stick around = 20 new women in the Ruby community



Ruby on Rails Outreach Workshop









Sat 10:00 AM

Location

Orange Labs

801 Gateway Blvd, suite 500 South San Francisco, CA 94080

Share this place

This is a private home or office

Estimated attendance

83 people attended.

STATE OF THE STATE

Who organized? Sarah Allen and Sarah Mei

In this workshop, we'll take you through building a complete web application using Ruby on Rails. By the end of the day, you'll have an application on the internet that connects to a database and reads and writes information.

There are two tracks: one for people with limited or no programming experience, and one for people with experience in other programming languages and frameworks. Each participant needs to bring their own computer. We'll meet up Friday evening to install any software you need, and then spend Saturday learning and writing code. Childcare is available.

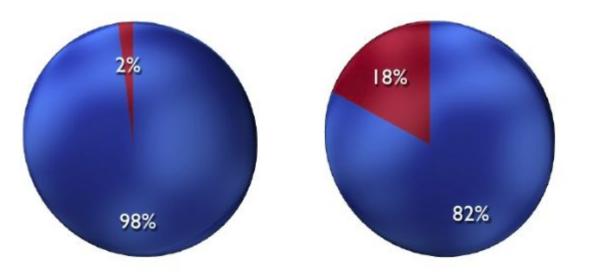


With a lot of help...



Iterate. Celebrate. Iterate. Celebrate.

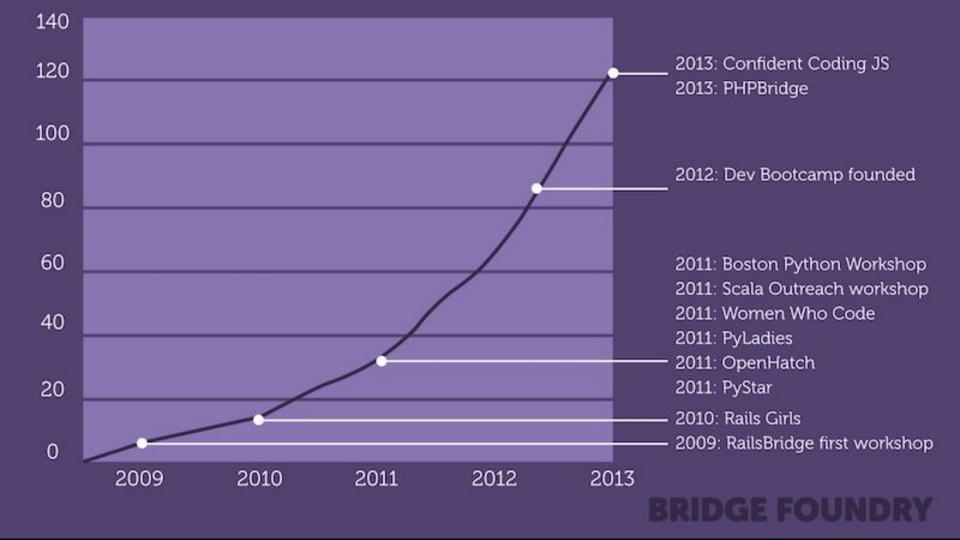
Moving the Needle: How the SF Ruby Community got to 18%



"Focus on something you can fix"

- @sarahmei

Find good people. Make things together.





bridgefoundry.org

BRIDGE FOUNDRY STATE OF THE UNION 2018

Tell the story.



US CTO, Todd Park Lean Startup Conference 2012





Eric Myers White House, Office of the CTO

You can't do that, it's illegal.

WAT?

18F

Practice Guidance Policy

Regulation

Law

The Constitution



WAT?

That wouldn't happen here.

Code review
Automated tests
Metrics, CI/CD

Company policy
Privacy policy, ToS
Law

Job posting Hiring process On-boarding process Employee handbook HR policy

aw

Write things down.

Checklists. Pre-mortems. Retrospectives.

Talk about why.

Reality is unfinished.
Invent good rules together.
Tell the story.

@ultrasaurus

Do your homework.