

O T T F F ? S E N T

P ? M D A S

D ? M F S L T D

R O Y G B ? V

M V ? M J S U N

J F M A M J J A ? O N D

CS50 Puzzle Day, by Facebook

tomorrow, 12pm, Northwest Science

Dinner with CS50 and Facebook

tonight, 6:30pm, Maxwell Dworkin

what ultimately matters in this course is not so much where you end up relative to your classmates but where you, in Week 12, end up relative to yourself in Week 0

those less comfortable and somewhere in between
are not at a disadvantage vis-à-vis
those more comfortable

walkthrough

Sun, 7pm, Maxwell Dworkin G115

office hours

MTWTh, 9pm - 12am

Hack Harvard

hackharvard.org

Harvard College Innovation Challenge

harvardi3.org

Harvard Innovation Lab

i-lab.harvard.edu



Winter Break Silicon Valley Trip

apply after 9/15

Harvard College Entrepreneurship Forum

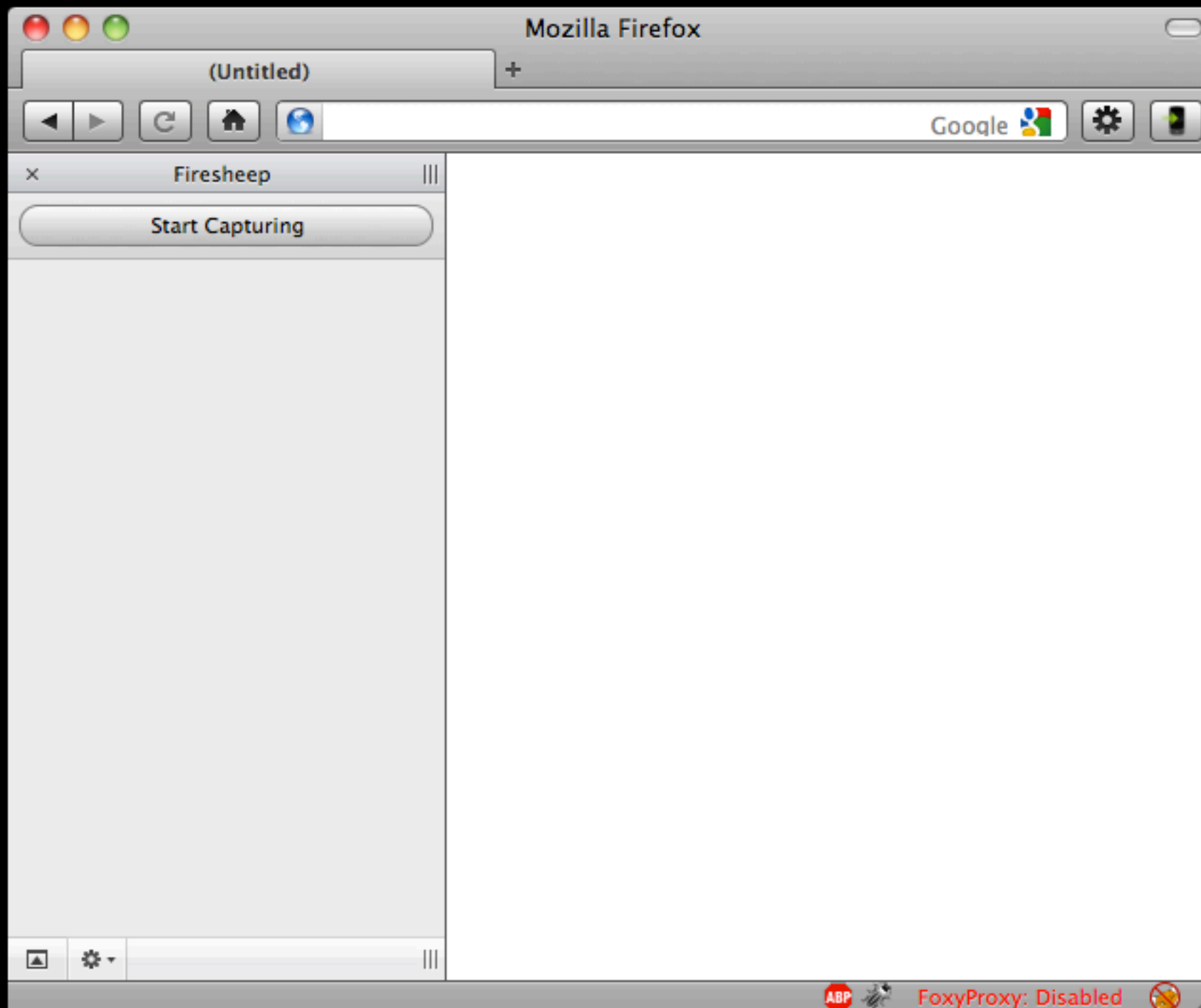
<http://lists.hcs.harvard.edu/mailman/listinfo/entrepreneurs>

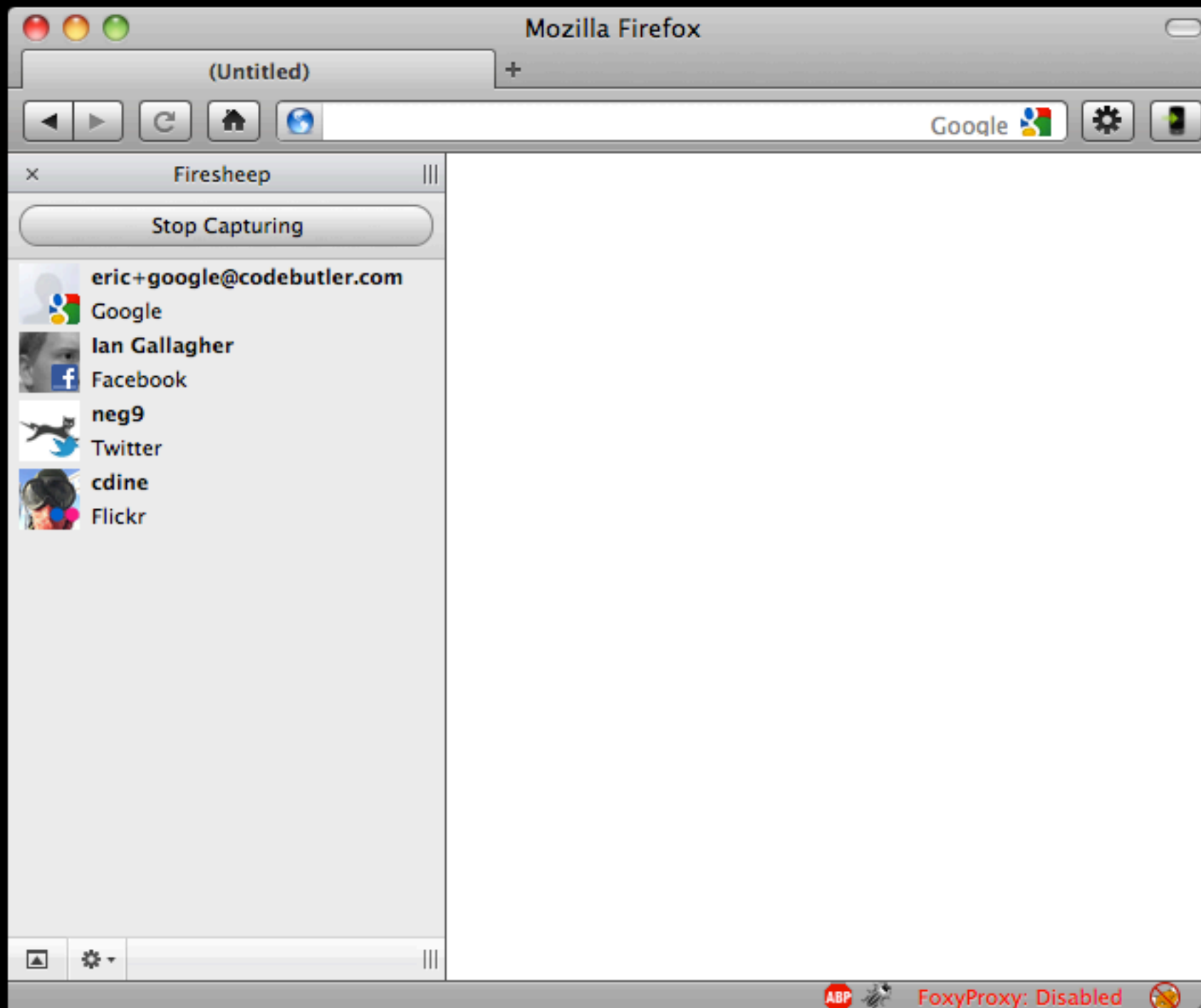
Harvard College Venture Partners

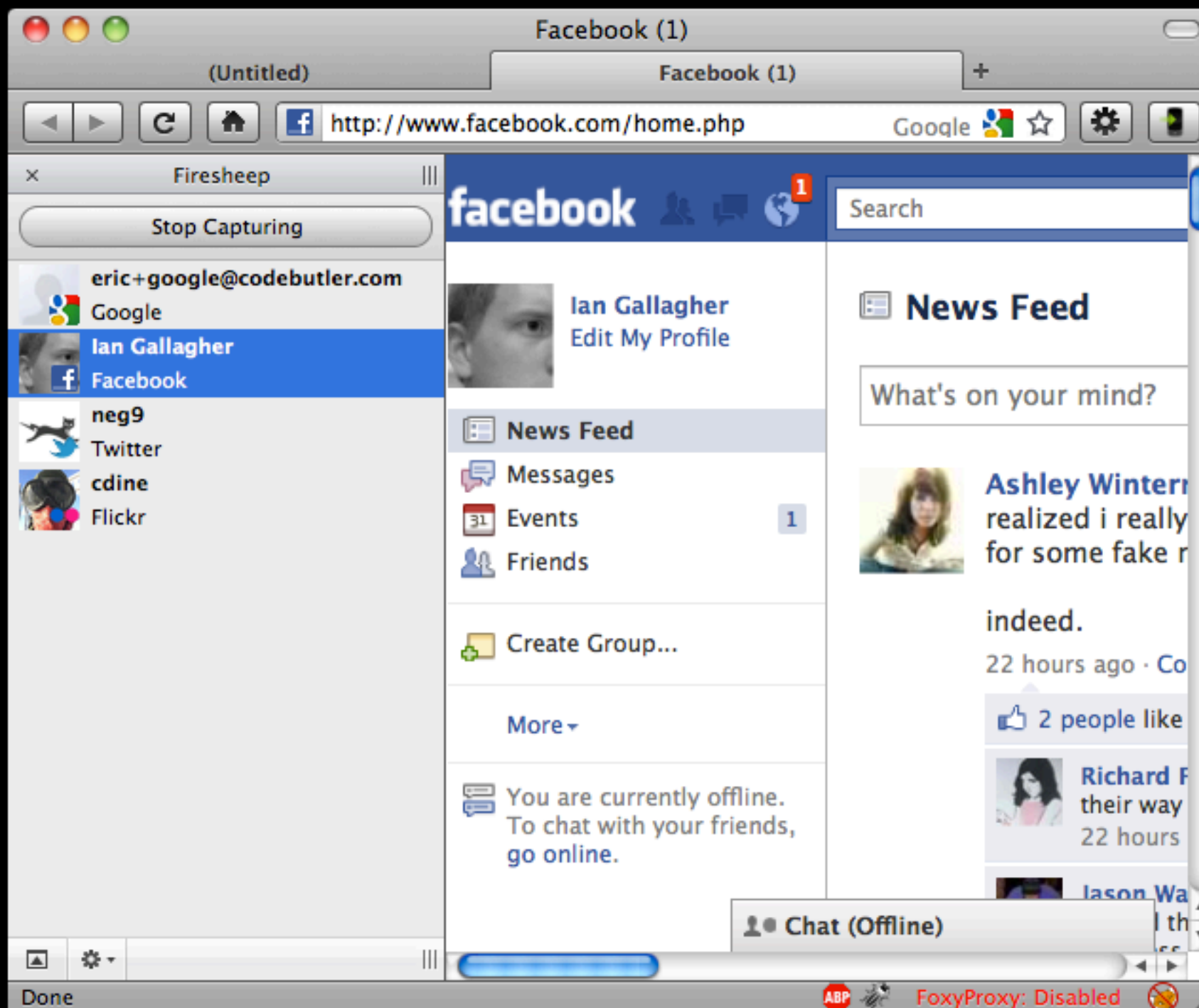
<http://lists.hcs.harvard.edu/mailman/listinfo/ventures>

Firesheep

<http://codebutler.com/firesheep>

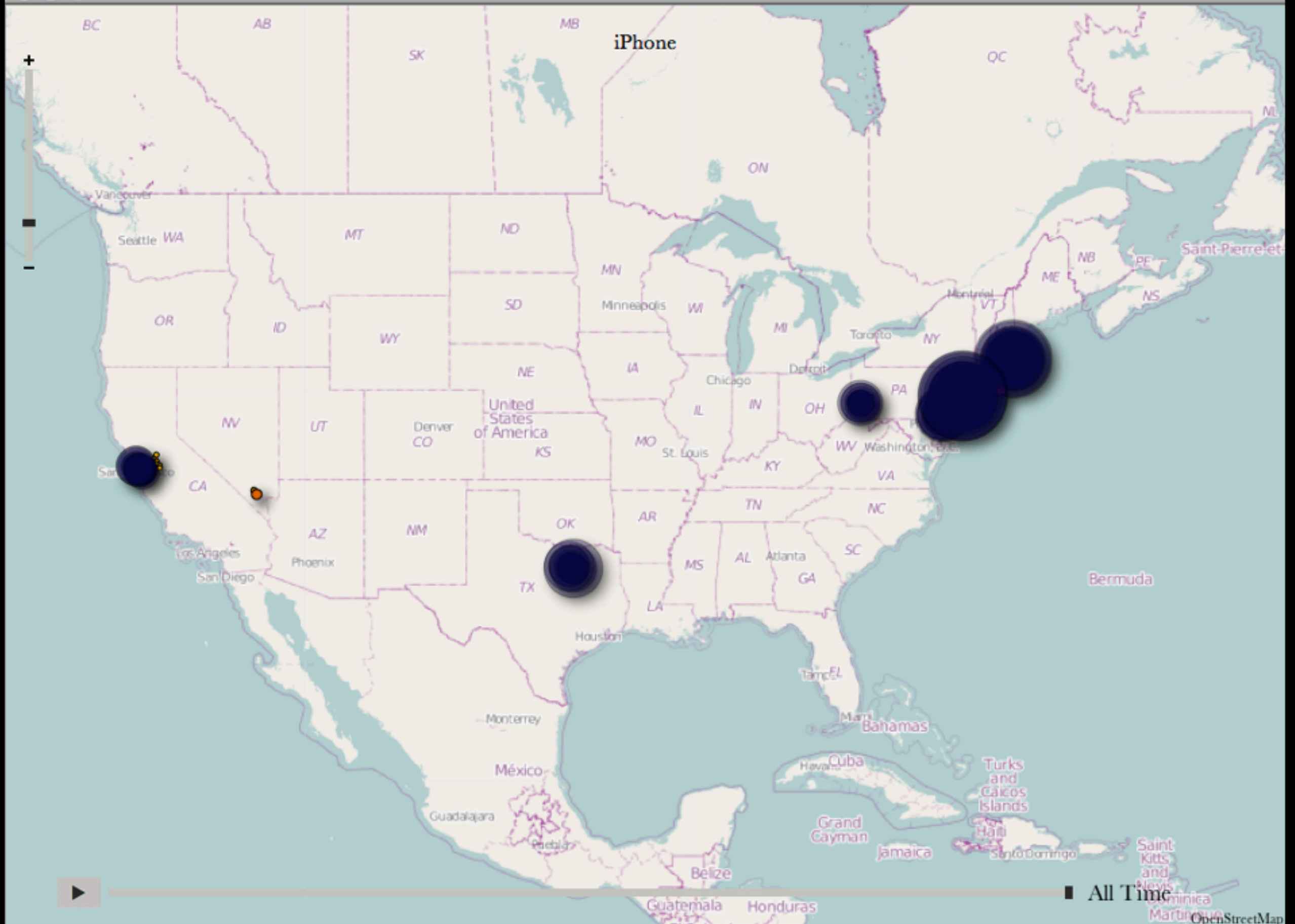


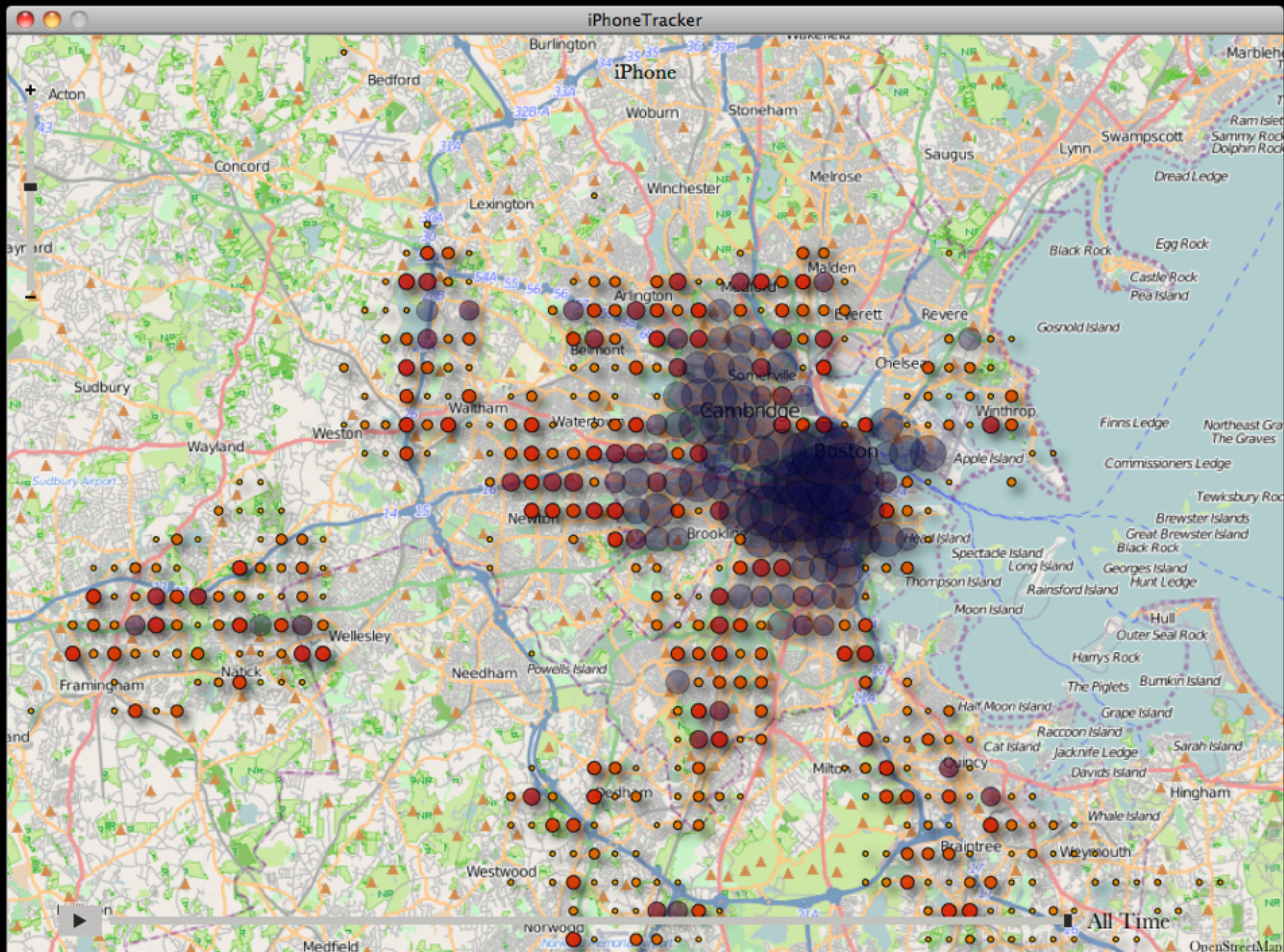


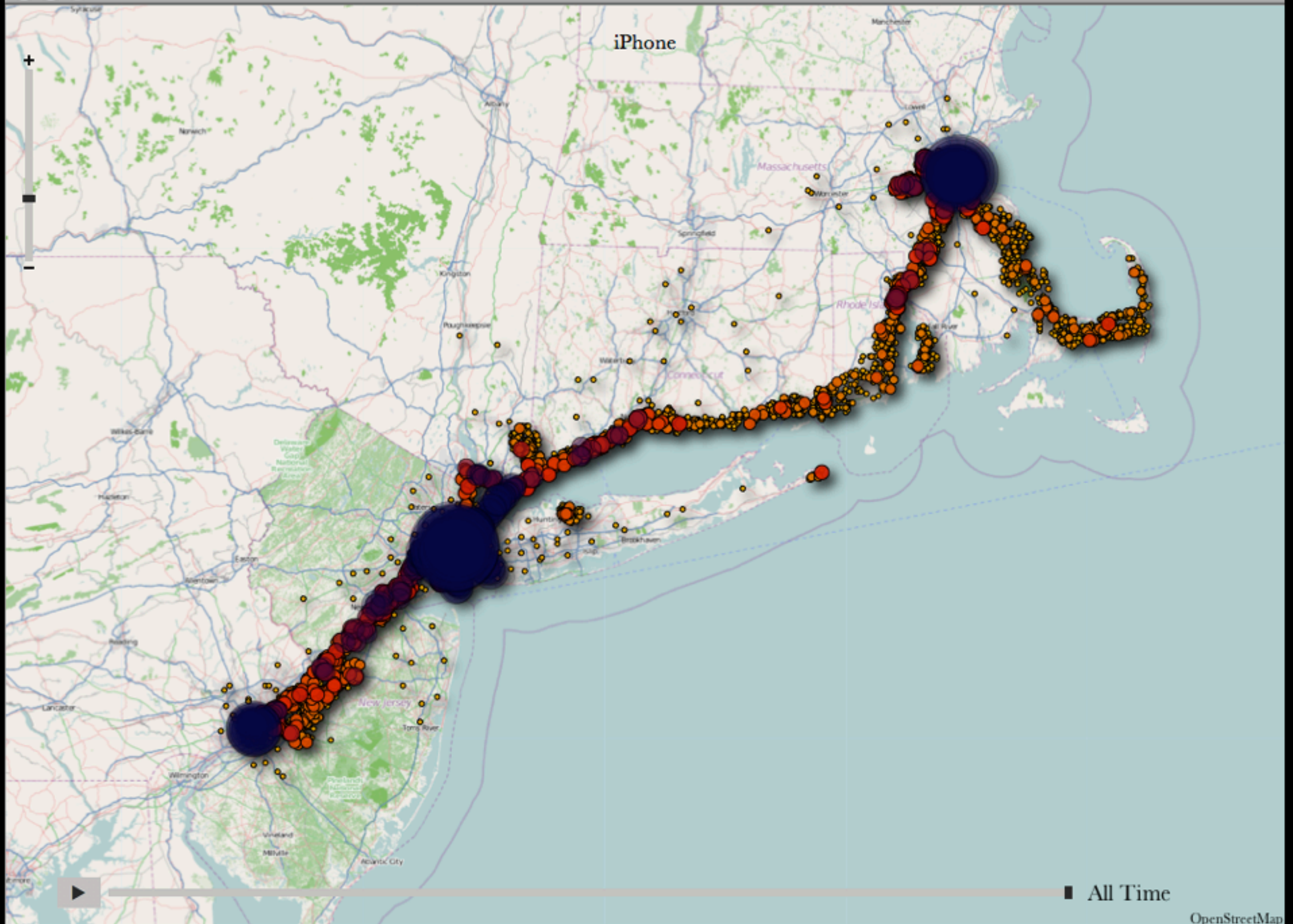


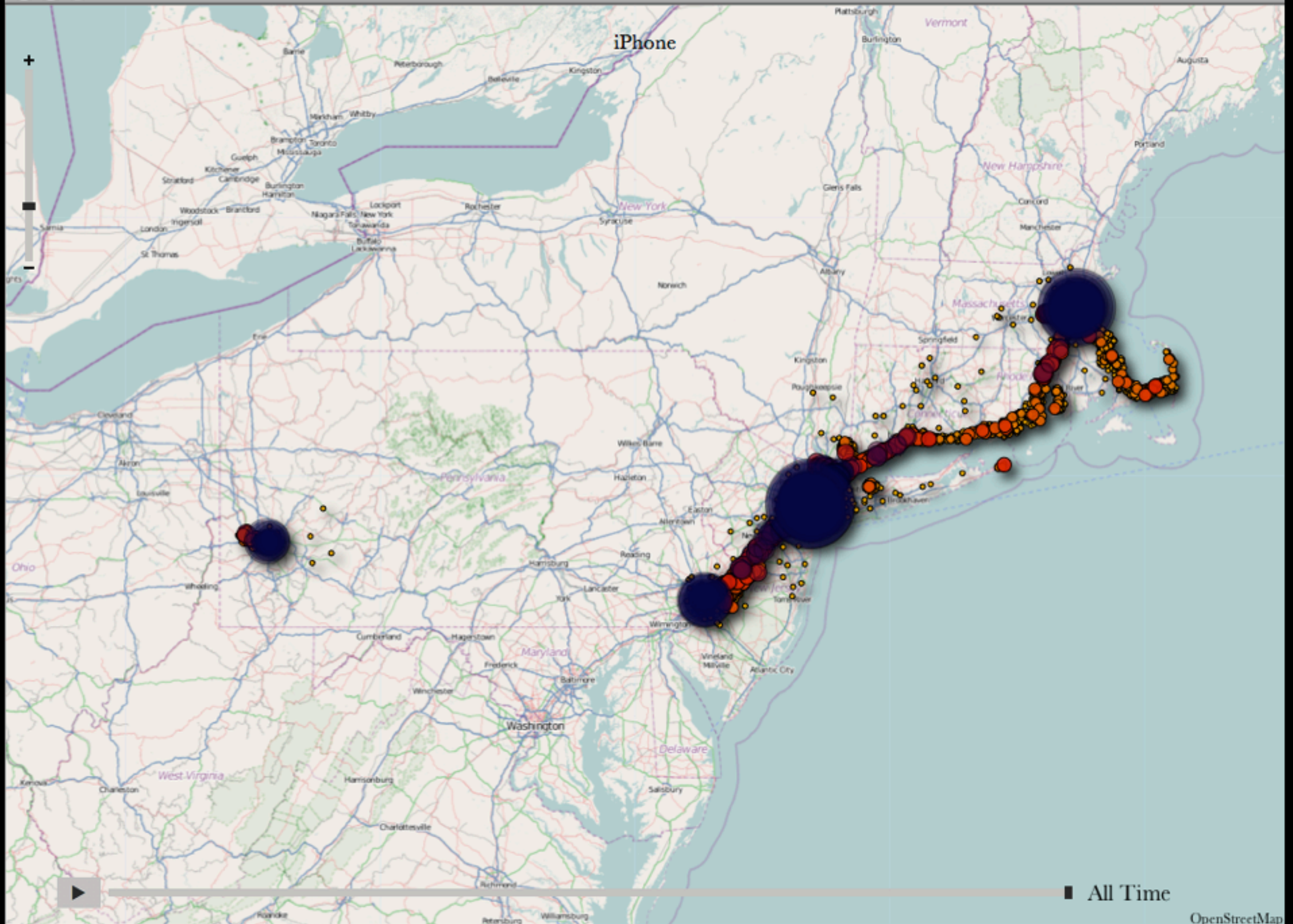
iPhone Tracker

<http://petewarden.github.com/iPhoneTracker/>









All Time



- 1 take 2 slices of bread from the loaf
- 2 apply 2 tablespoons of jelly on both halves
- 3 apply 2 tablespoons of peanut butter same way
- 4 join the halves
- 5 have fun


```
#include <stdio.h>
```

```
int
```

```
main(void)
```

```
{
```

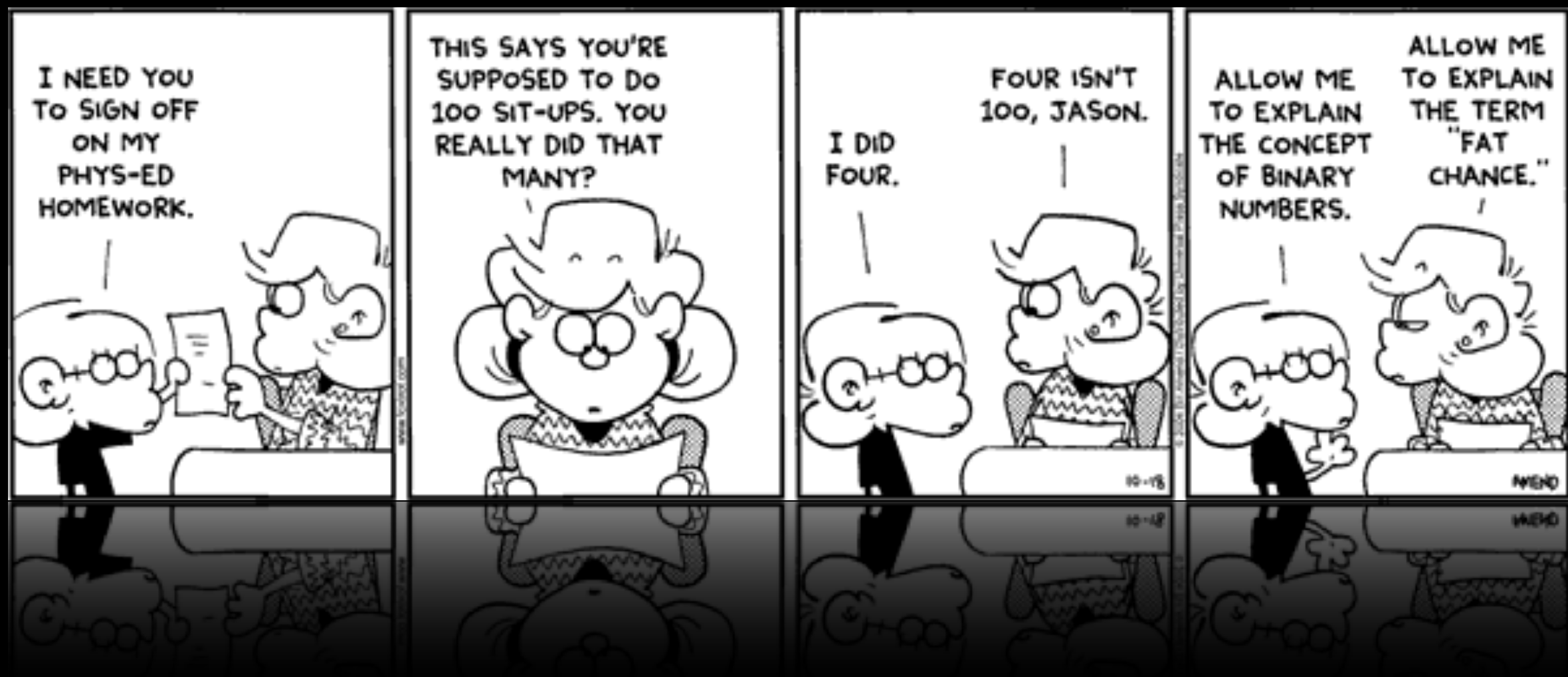
```
    printf("0 hai, world!\n");
```

```
}
```

10000011	00000001	00010001	00000000	00111101	11111100	01110100	00111101
00000000	01000000	00000000	00000000	00000000	00000000	00000000	00000000
10010000	00000000	00000000	00000000	01010000	00000000	00000111	00110000
00001011	00000001	00001011	00000011	00001010	00000000	00000000	00000000
00000000	00100000	00000000	00000000	00000000	00000000	00000000	00000000
00000000	00100000	00000000	00000000	00000000	00000000	00000000	00000000
00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
01110000	00010000	00000000	00100000	00000001	00000000	00000000	00000000
00000000	00000000	00000000	00100000	00000001	00000000	00000000	00000000
00000000	00000000	00000000	01000000	00000001	00000000	00000000	00000000
00000000	00100000	00000000	01000000	00000001	00000000	00000000	00000000
11111111	11111111	11111111	11111111	11111111	11111111	11111111	11111111
10010000	10000000	00000000	01000000	00000001	00000000	00000000	00000000
00101110	01100100	01111001	01101110	01100001	01101101	01101001	01100011
10110000	00000100	00000000	00100000	00000001	00000000	00000000	00000000
10110000	00000100	00000000	00100000	00000001	00000000	00000000	00000000
10100000	00000001	00000000	00000000	00000000	00000000	00000000	00000000
10110000	00000100	00000000	00000000	00000000	00000000	00000000	00000000
00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
00000000	00000000	00000000	00000000	00000000	00100000	00000000	00000000

. . .

128 64 32 16 8 4 2 1



Code	Char	Code	Char	Code	Char	Code	Char	Code	Char	Code	Char
32	[space]	48	0	64	@	80	P	96	`	112	p
33	!	49	1	65	A	81	Q	97	a	113	q
34	"	50	2	66	B	82	R	98	b	114	r
35	#	51	3	67	C	83	S	99	c	115	s
36	\$	52	4	68	D	84	T	100	d	116	t
37	%	53	5	69	E	85	U	101	e	117	u
38	&	54	6	70	F	86	V	102	f	118	v
39	'	55	7	71	G	87	W	103	g	119	w
40	(	56	8	72	H	88	X	104	h	120	x
41	)	57	9	73	I	89	Y	105	i	121	y
42	*	58	:	74	J	90	Z	106	j	122	z
43	+	59	;	75	K	91	[	107	k	123	{
44	,	60	<	76	L	92	\	108	l	124	|
45	-	61	=	77	M	93	]	109	m	125	}
46	.	62	>	78	N	94	^	110	n	126	~
47	/	63	?	79	O	95	_	111	o	127	[backspace]

41	\	03	5	10	O	02	-	111	o	121	[backspace]
40	.	05	>	18	N	04	v	110	n	120	~
42	-	01	=	11	M	03	]	100	m	119	}
44	,	00	<	10	L	05	/	108	l	117	|
43	+	00	:	10	K	01	[	101	k	115	{



when  clicked

say O hai, world!

say O hai, world!

statements

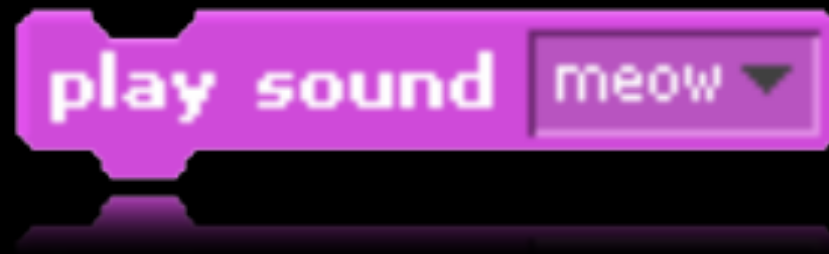
A Scratch 'say' block, which is a light blue speech bubble shape. It contains the text 'say' in a dark blue font, followed by a text input field containing the text 'O hai, world!'. The block has a small notch on its left side for interlocking with other code blocks.

say O hai, world!

statements



statements



Boolean expressions



Boolean expressions



mouse down?

Boolean expressions



Boolean expressions



Boolean expressions



Boolean expressions

FAS ▾ Fall ▾ Search 🔍 [start over](#)

All Faculty ▾ All Fields of Study ▾

All Levels ▾
☐ satisfies Gen Ed ▾
☐ allows cross registration
☐ offered this year
☐ on friends' lists

☐ course ≥ 4.0 ▾
☐ faculty ≥ 4.0 ▾

doesn't conflict with ☐ Courses I'm Taking ☐ busy blocks

☐ on friends' lists
☐ offered this year
☐ allows cross registration

conditions



conditions



conditions



loops



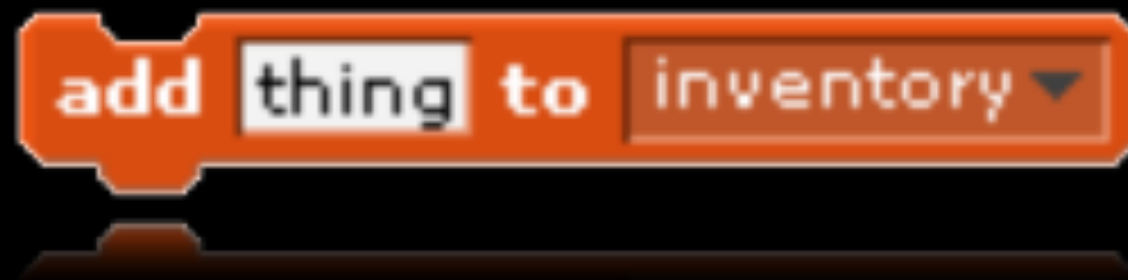
loops



variables



arrays





threads



events



to be continued...