

Web as a medium

Creative Coding 2012

@ntlk
<http://ntlk.net>

I'm Nat



Read PEOPLE'S MI
nds

I'm Nat

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Hello! Welcome to Offbott.

Offbott is a (mostly) friendly robot who helps small teams keep a journal of their projects. [Find out more.](#)

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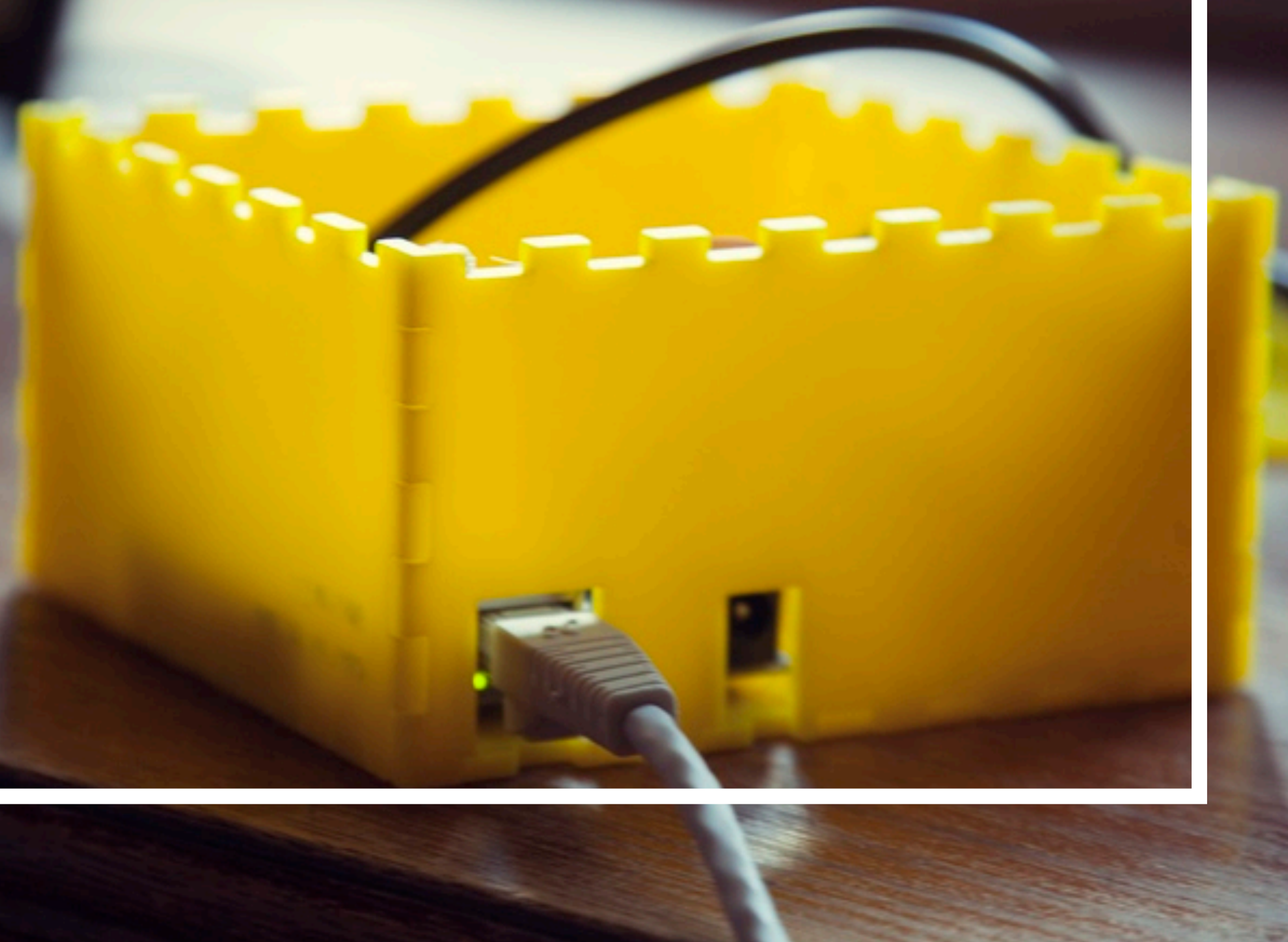
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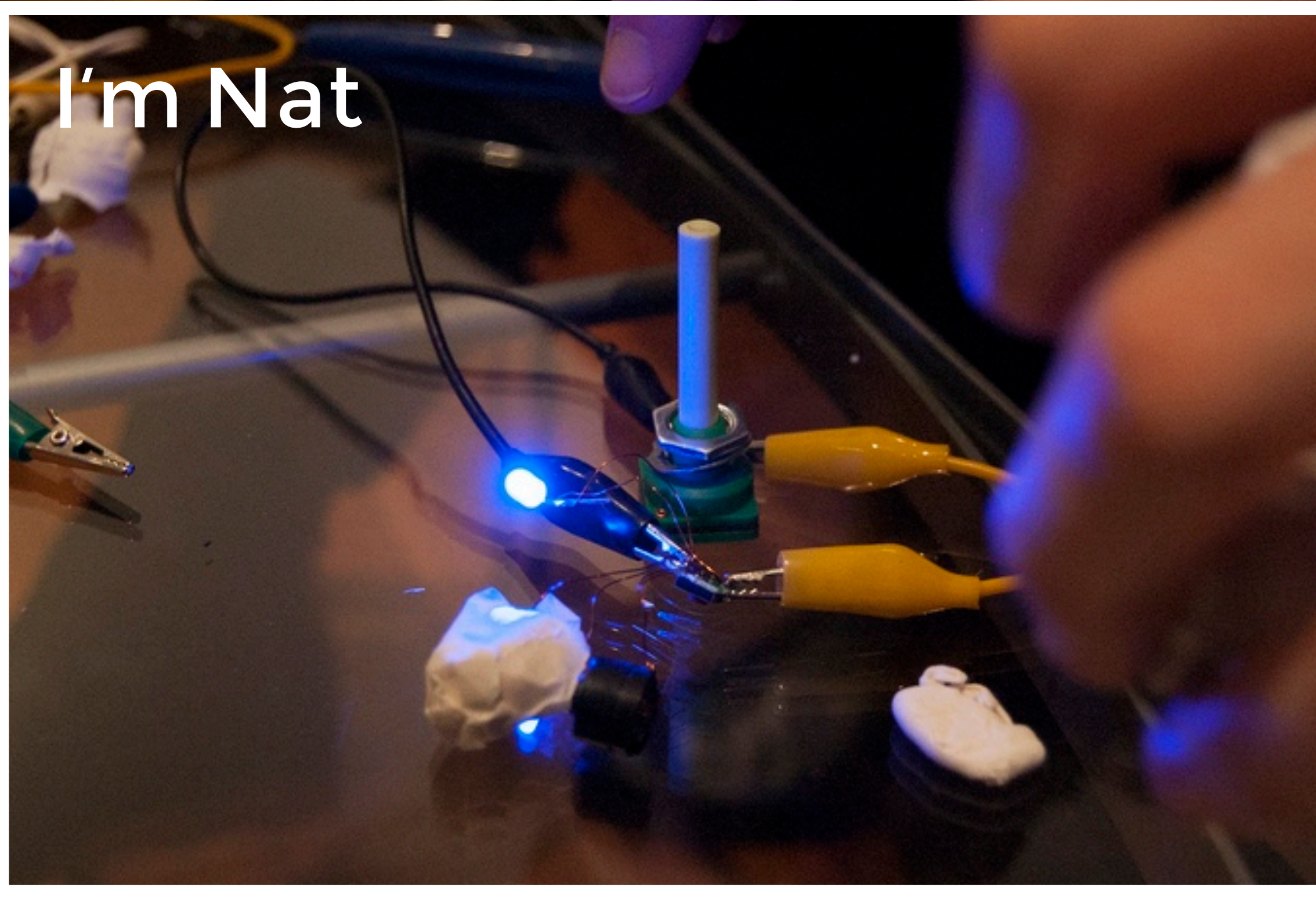
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I'm Nat



I'm Nat



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We will cover

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- What is hypertext and how the web works

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- Creating web pages in HTML

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- What is hypertext and how the web works
- Creating web pages in HTML
- Styling web pages with CSS
- Basics of JavaScript
- How to request data from various sources
- Manipulating and presenting data

What this workshop won't
make you

What this workshop won't make you

- A brilliant programmer

What this workshop won't make you

- A brilliant programmer
- Proficient in HTML, CSS and JavaScript

What I will try to do

What I will try to do

- Instil a hacker mentality

What I will try to do

- Instil a hacker mentality
- Give you enough basics to go further on your own

What I will try to do

- Instil a hacker mentality
- Give you enough basics to go further on your own
- Show you possibilities of using stuff available on the web as your medium

Hypertext

Session 1



believekevin / <http://www.flickr.com/photos/believekevin/6490737589>

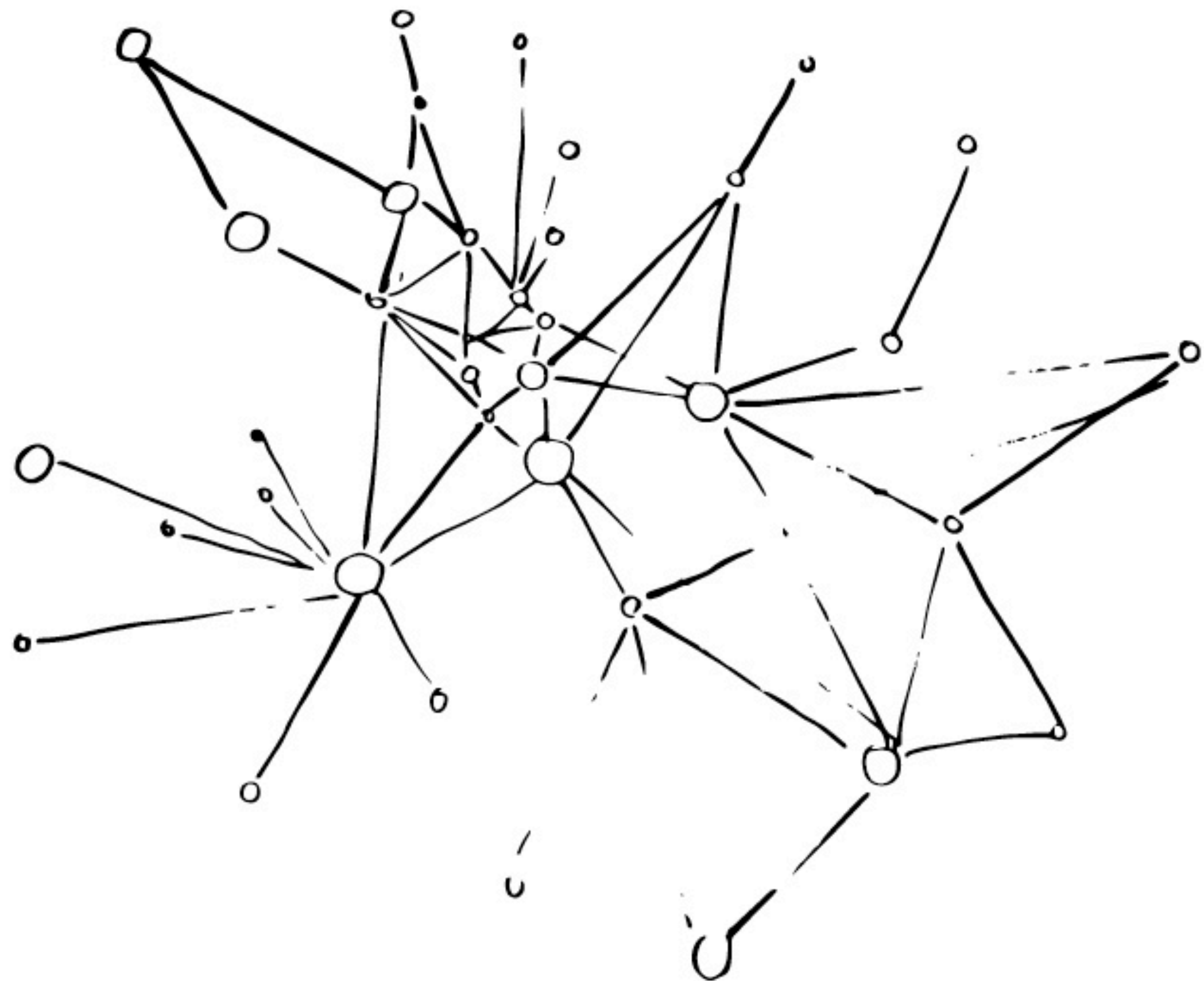
At its most sophisticated level, hypertext is a software environment for collaborative work, communication, and knowledge acquisition.

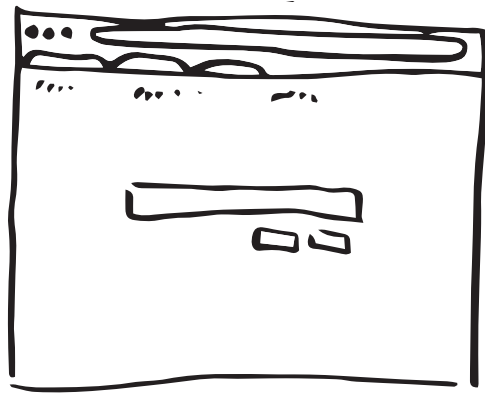
A Grand Vision, Janet Fiderio

Hypertext products mimic the brain's ability to store and retrieve information by referential links for quick and intuitive access.

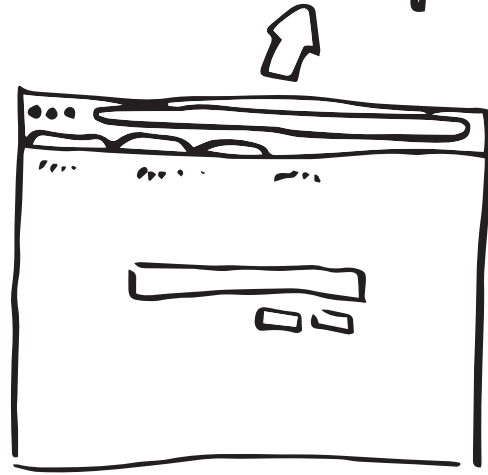
A Grand Vision, Janet Fiderio

Hypertext pays my rent

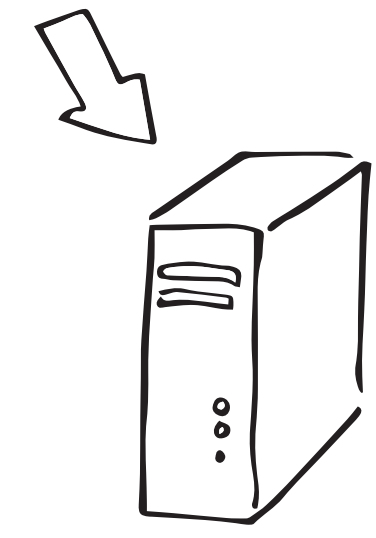




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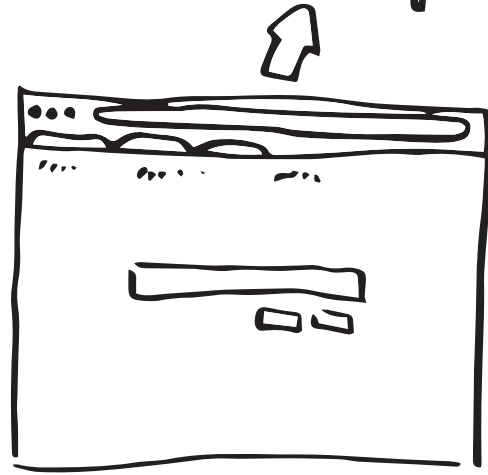


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Domain Name Server

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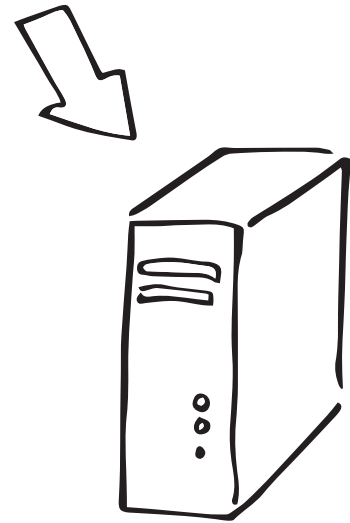
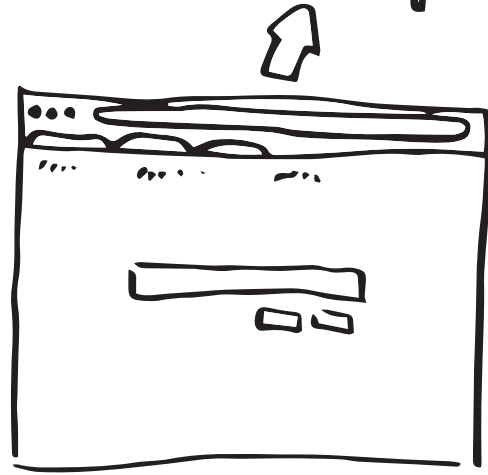


Domain Name Server



94.198.174.225

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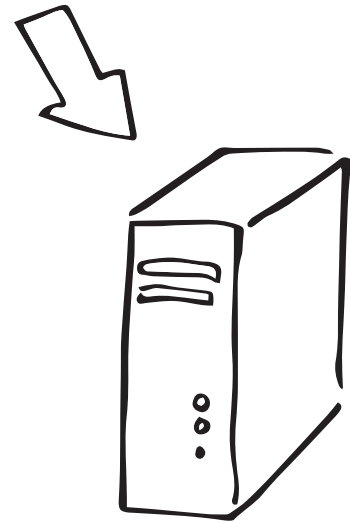
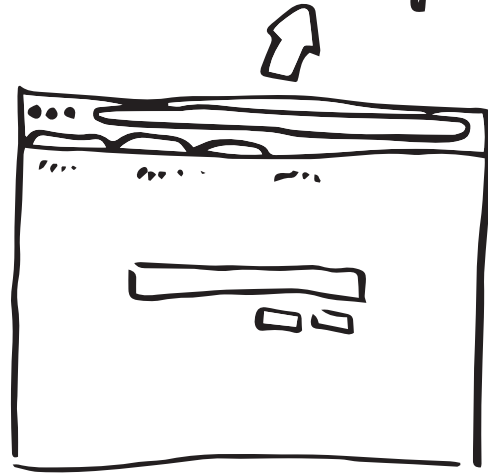


Domain Name Server

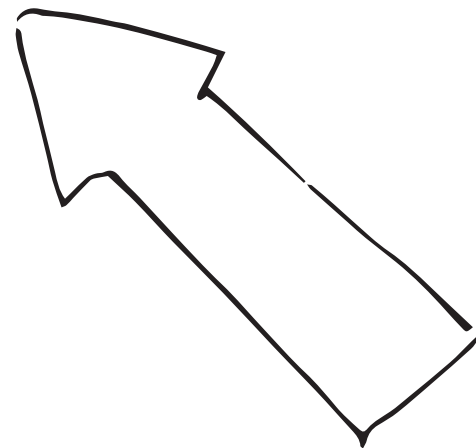


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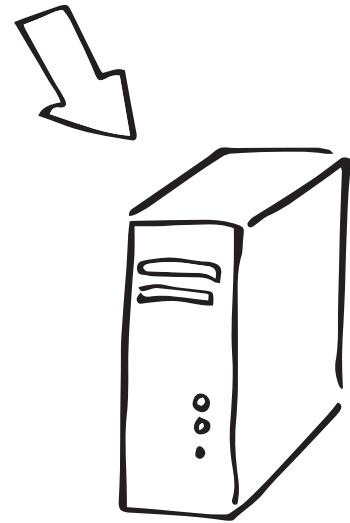
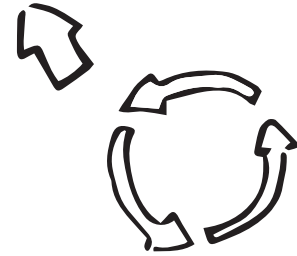
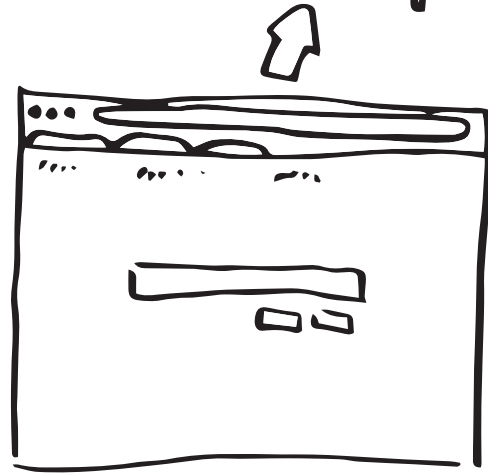


Domain Name Server

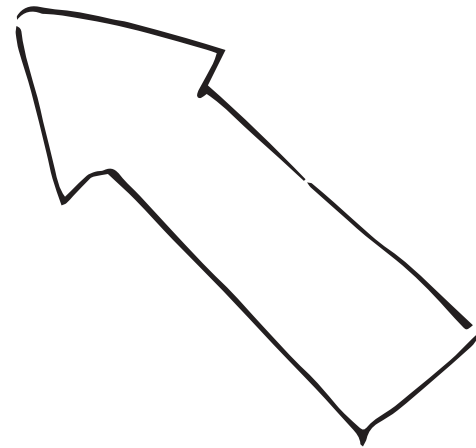


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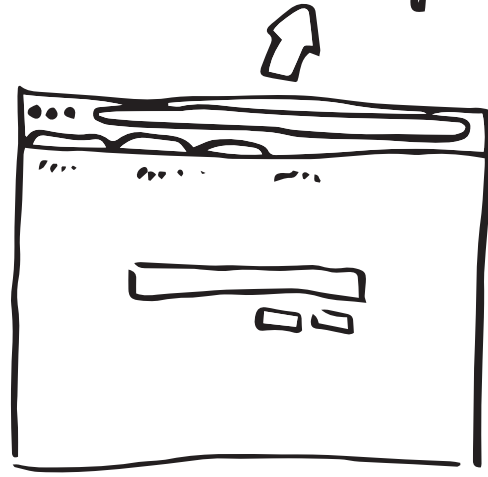


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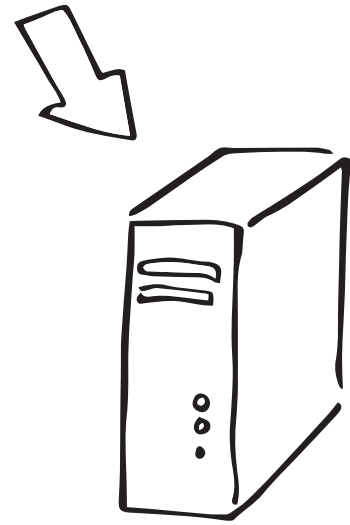
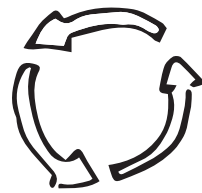


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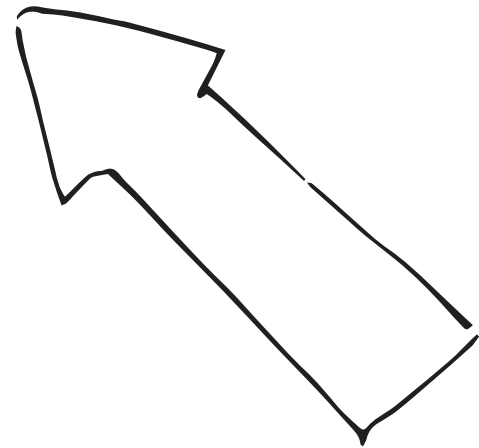
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CLIENT

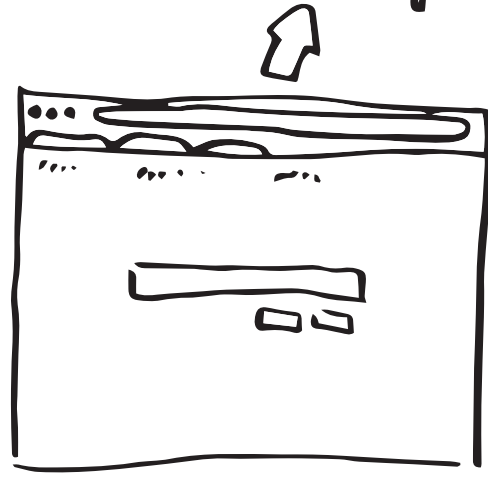


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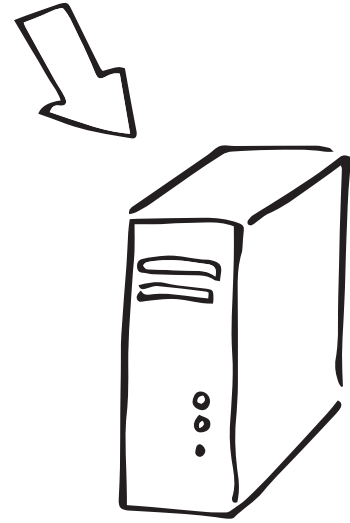


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CLIENT

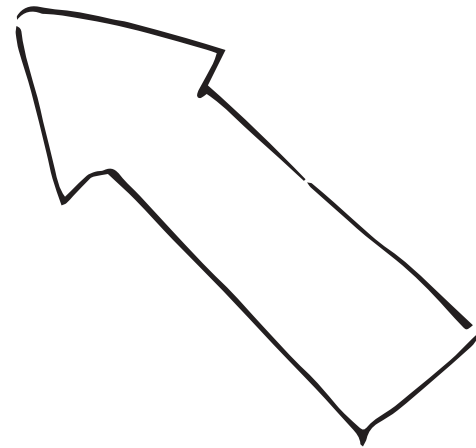


Domain Name Server



SERVER

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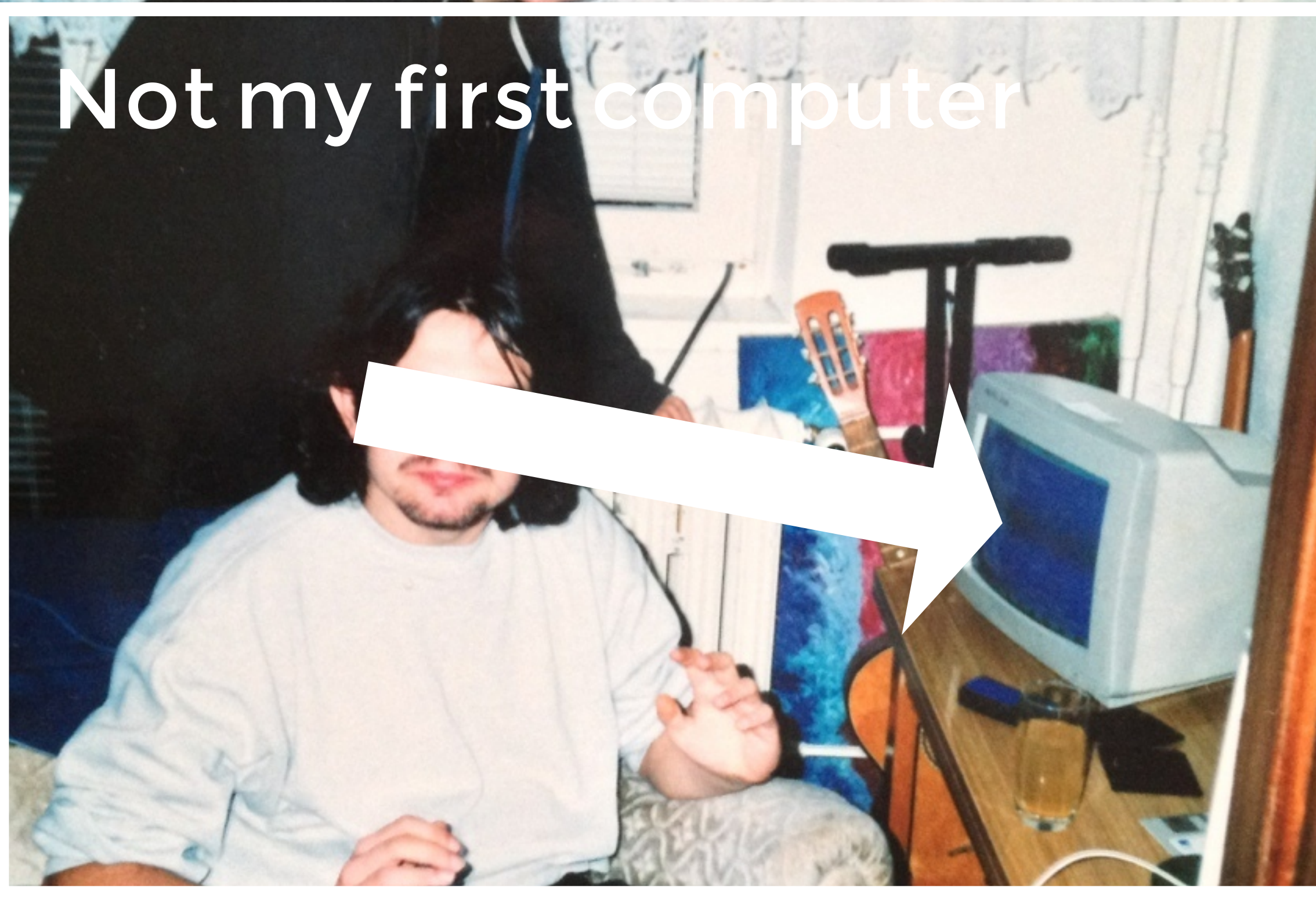
My first server



My first server



Not my first computer



Lynx

back pause forward

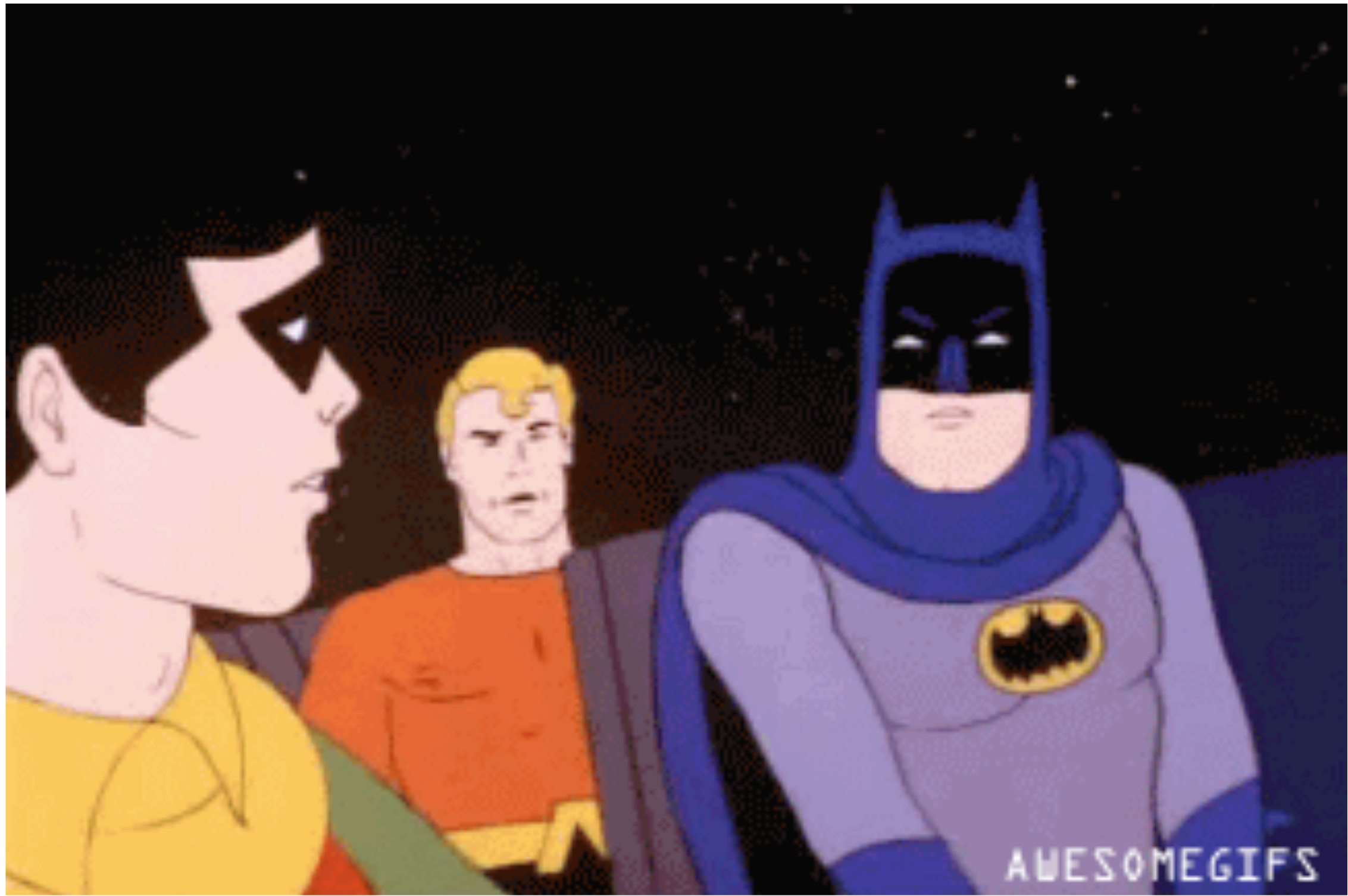
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Afghan soldier stands guard
Exclusive: Anders Fogh Rasmussen says attacks have
morale and raises prospect of accelerated pullout
- Balls vows to 'rebuild Britain anew' Ed Balls
Shadow chancellor cites success of Clement Attlee's
Labour government in conference speech
 - Shadow chancellor promises infrastructure focus
 - Polly Toynbee: Labour needn't reveal all yet

(NORMAL LINK) Use right-arrow or <return> to activate.
Arrow keys: Up and Down to move, Right to follow a link
H)elp O)ptions P)rint G)o M)ain screen Q)uit /=search [de

Protocols

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HTTP



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HTTP HyperText Transfer Protocol

Spencer E Holtaway

<http://www.flickr.com/photos/spencereholtaway/3377783984>

HTML

HTML
HyperText
Markup
Language



This is ~~not~~ a pipe

Ceci n'est pas une pipe.

Ceci n'est pas une pipe, René Magritte

This is a paragraph

`<p>`This is a paragraph`</p>`

This is a heading

```
<h1>This is a heading</h1>
```


Anatomy of a tag

```
<tag>Content</tag>
```

Anatomy of a tag

```
<tag>Content</tag>
```

```
<tag attribute="value">
```

```
  Content
```

```
</tag>
```

Image tag is special

```

```

Where to look for documentation

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- <http://dochub.io>

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- <http://dochub.io>
- <http://html5doctor.com/element-index/>