LAST WEEK ON IO LAB

More microformats than you can shake a stick at.

Storing data using Google App Engine.

CSS FTW.
PROJECT 3

A long time ago in a galaxy far, far away...
PROJECT 3
What makes a Semantic Web project “Semantic”?
MIT 6.898
Linked Data Ventures

HTML5 AND FRIENDS

Or rather, “HTML5”
LOCALSTORAGE
LOCALSTORAGE

- localStorage remains even when a web page is loaded.
- It behaves like a normal JavaScript object, where you can store and retrieve values.
  
  *Except that* it can only store strings, so you have to use `JSON.stringify` and `JSON.parse` when storing objects.

- localStorage behaves strangely in Firefox when accessing file:// URLs.
LOCALSTORAGE

// Storing a simple string
localStorage['message'] = 'Hello world';
var msg = localStorage['message'];
msg => 'Hello world'

// Storage an object using JSON.stringify and JSON.parse
var person = {name: 'Sue', cats: ['Kurt', 'Rachel']};
localStorage['person'] = JSON.stringify(person);
var person = JSON.parse(localStorage['person'])
“HTML5”
The W3C Geolocation API
if (navigator.geolocation) {...}

// progressive enhancement

navigator.geolocation.getCurrentPosition

// where am I now?

navigator.geolocation.watchPosition

// follow me around
INPUT PLACEHOLDER
CSS TRANSITIONS

• CSS transitions are *implicit* animations. They specify how a property should transition when it is changed.

• Use `-webkit-transition: [CSS property name] [transition duration] [easing];`

• For example:
  `-webkit-transition: opacity 1.5s ease-out;`
IN-CLASS EXERCISE
Round Two
PROJECT 4
Social & Distributed Classification
• Due November 16, two weeks after Project 3.

• This should be a smaller project.

• Form a group exclusively with people you haven’t worked with on previous projects.
FOR NEXT WEEK

**Project 3** is due November 2nd at 12pm.

CSS FTW v2. Also, help with Project 3.