Web 2.0
A short guide to fall into the client-side
Esteban Lorenzano

(by now, you already listen too much about that name)
because not everything is Seaside
Well, I suppose you all know, but web application development moved to a more responsive UI.

But computations still happen in server side, so we need to find a bridge.
Reef

- A Seaside extension to manage AJAX/Javascript
- Exists since years, but not publicised enough
- Evolved according to needs (my needs)
Reef design

- Object model (no DSL)
- All interaction is a Block (but there are different kind of interactions)
- Client side computation
- AJAX request (several types)
- Full page request
Reef components

- Many Bootstrap components wrapped
- Some others in the form of Plugins
- Magritte-Reef
Status

- Works fine :)
- Needs more people using it
- Needs more people caring about it
Install Reef

Gofer it
smalltalkhubUser: 'estebanlm' project: 'Reef';
configuration;
loadStable.
Tide

- Amber-to-Pharo communication bridge
- Keeps that “Seaside feeling”
  - Provides a way to map objects from the server
  - Provides a solution for managing async calls
Tide design

- Client side
  - Proxies
  - Futures (kinda)

- Server side
  - Objects are exposed as you need, starting by a root
  - Pragmas to "mark" exposition: <action>, <state>
  - Presenters for: Literals, collections, models
Status

- Works fine :) 
- Needs more people using it 
- Needs more people caring about it
Install Tide

Pre-requisites: node, npm, bower, pharo

$ git clone git@github.com:tide-framework/tide.git
$ cd tide && bower install && cd ..
$ pharo Pharo.image eval --save "
    Gofer it
    url: 'filetree://./tide';
    package: 'BaselineOfTide';
    load.
    BaselineOfTide load"

TDServer startOn: 7777.
There is no silver bullet!

(This will never be stressed enough)
Choose the one you need