

**seaside** 

**Seaside in a nutshell for  
everyone!**

<http://seaside.st>

# Seaside

- ★ Powerful \*framework\* to build complex dynamic web applications
- ★ Live coding debugging
- ★ Support reusable components
- ★ Secure by default
- ★ Web 2.0 - Reef
- ★ Rest

# Books

- ★ <http://book.seaside.st>
- ★ [http://www.swa.hpi.uni-potsdam.de/seaside/  
tutorial/](http://www.swa.hpi.uni-potsdam.de/seaside/tutorial/)

# Roadmap

- ★ Natural Flow
- ★ Reusable Components
- ★ Secure by Default
- ★ Web 2.0
- ★ Applications

In production since  
2002

**SqueakSource**

Welcome to Seaside-Hosting

What is Seaside-Hosting?

Seaside-Hosting is a free hosting service for non-commercial Seaside applications. In contrast to a standard Web hosting or web server hosting this service provides a complete Seaside interface to run your Seaside applications. It's free! You just pay for your application service when it's used.

Seaside-Hosting offers 120 MB of free space for storing the Seaside web application image and static files, e.g. pictures or style sheets which you want to use on your application.

What kind of Seaside-Hosting?

We're not going to say "just another free host". You need full access to the server, root access, or you have a commercial application. Seaside Hosting does not allow you to run ASP, PHP, Perl, Python, Java or such a hosting or additional capabilities, just pure Seaside.

Show me what's example!

- ASP.NET - For ASP.NET driven dynamic ASP.NET
- JavaServer Faces - Interactive Web forms with many extensions loaded
- Java - Java Web Applications

What are the sponsors?

netstyle.ch esilic

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**PRO LIFE**

Home

This service is brought to you for free. It is locked up safely. Still, please make sure that you have your own proper knowledge and more than we can give any accountability questions. However, if you wish you can set up your own SqueakSource server. It is self-hosted and can be downloaded from SqueakWiki.

Please report any problems or suggestions to the Squeak Mailing List, Group.

We gratefully acknowledge the support of the Software Composition Group and the University of Bern for hosting this service.

Statistics

Members (187)

Recently joined: James Fraz, Rob Keppen, Aaron Ruchhoeft, Marco Schmidt, ...

Recently active: Daniel Cianci, Michael Fischer, Andrei Smirnov, Valentin Dostál, ...

Projects (187)

Recently created: Penelope, ThunkPuffApp, CompositeCalculator, RandomObjects, ...

Recently used: Installer, Installer, Penelope, TomTom, ...

Most Active: Seaside, Installer, Seaside, Shrimps, ...

Most Downloads: Squeak, Wayne Taylor, SharpComponents, Shoot, Syntax Highlighting as You Type, ...

March 2007

**whooka**

Peter Hanemann

Meine Spenden

STOCKBEREIT

Elemente ausschneiden, kopieren und einfügen

Unglaublich einfach

**Photo data base of Best Western Swiss Hotels**

Verwaltung

Best Western

Aargau1 Aargau2 Aargau3 Aargau4

Basel1 Dreiländerdeck Basel2 Markt Basel3 Münster Basel4 Zoo

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THE HISTORY CHANNEL

# CONCURSO CLASSIC ALBUMS

SELECCIONE PAÍS

Argentina

Ingresar

\*

En el siguiente enlace podrás encontrar las lista de los ganadores de cada semana.

[CONOCE LOS GANADORES](#)



cmsbox

SYSTEM

SERVICE

FIRMA

DEMOS

FEATURES

VORTEILE

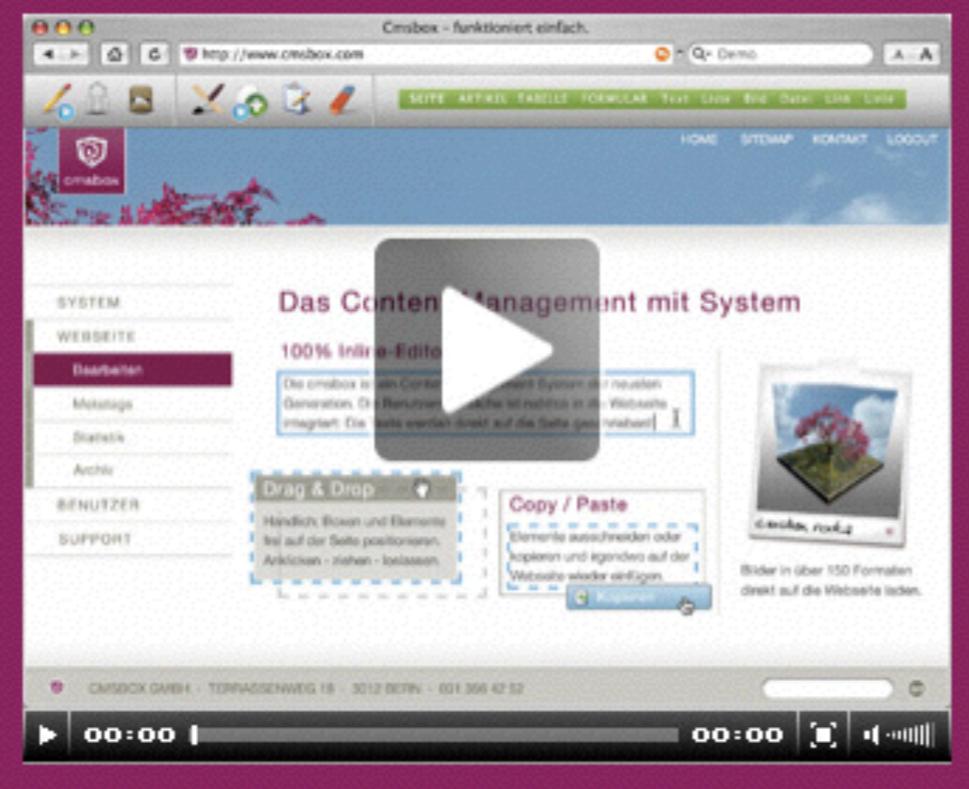
KUNDEN

TECHNOLOGIE

PREISE

## Cmsbox – Das Content Management mit System

### CMS Demo Movie



### Funktioniert einfach.

Die cmsbox ist ein Web-Baukasten der nächsten Generation. Die Benutzeroberfläche ist nahtlos in die Webseite integriert: Alle Elemente, wie Texte, Links oder Bilder werden direkt auf der eigenen Internetseite bearbeitet und können bequem per Drag & Drop positioniert werden.

### Einfach professionell.

Die cmsbox sorgt dafür, dass die Webseite immer perfekt aussieht: Mit zentral definierten Formatvorlagen und einem flexiblen Spaltenlayout passen sich alle Inhalte automatisch an das individuelle Design der Webseite an.

[» Mehr sehen](#)

[» Partner werden](#)

cmsbox ist ein Web-Baukasten der nächsten Generation. Die Benutzeroberfläche ist nahtlos in die Webseite integriert: Alle Elemente, wie Texte, Links oder Bilder werden direkt auf der eigenen Internetseite bearbeitet und können bequem per Drag & Drop positioniert werden.



HOME SITEMAP PDF SPEICHERN KONTAKT LOGIN



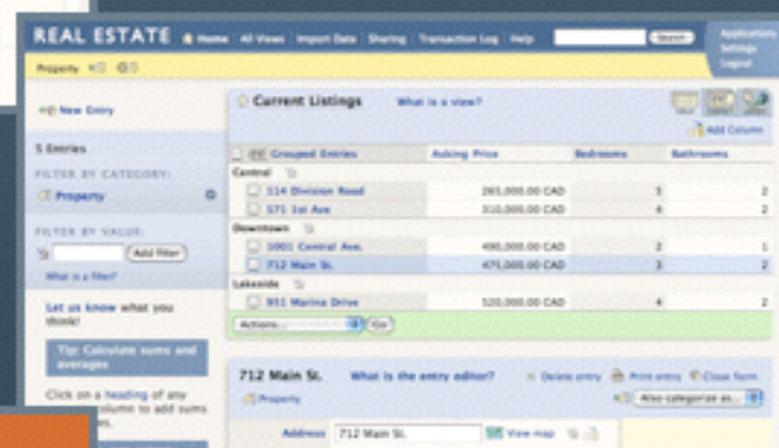


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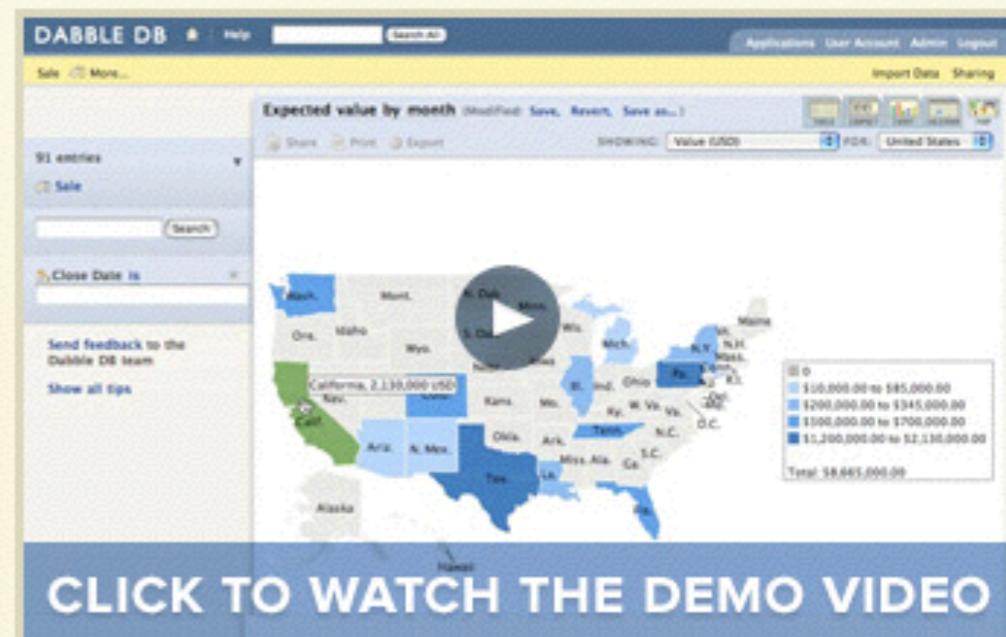
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Not sure? [Watch our 8-minute demo](#) to see Dabble DB in action.



## FEATURES

### 29 Nimble, Fast and Small

BizTech profiles three software startups, which offer insights on how to launch companies with staying power.

### 34 Pay-Per Chase

Search engine advertising needn't be a gamble — plus, with good analytics, you can rack up solid metrics about how well a campaign meets its goals.

### 43 Spin Control

Have a great in-house tech tool that you want to sell commercially? Find out how other companies succeeded in taking their wares to market.

Dare to take your own approach to creating and managing your company, say Andrew Catton (left) and Avi Bryant, co-CEOs of Smallthought Systems. Page 29

# Biztech

# CONTENTS

### 39 Warming Up to Solar Energy

In Silicon Valley, startup Miasolé relies on technology as it works on a breakthrough approach to producing solar energy panels so thin they can be embedded in roofing and other materials, says IT chief Stephen Barry.





di 1 jul 2014 ■ gewone dag

Zoek beschikbare tijdsdelen

Niet recurrent  
Duur: 01:30  
In: Vergaderzaal  
Op Dag: MA DI WO DO VR ZA ZO  
Tijd Tussen: 13:00 - 18:00

Sorteer op: Datum

Dinsdag	Nieuwe leden
1 juli 2014	13:00 - Besprekings plan
Dinsdag	Besprekings plan
1 juli 2014	16:00 -
Donderdag	13:00 -
3 Feestdag juli 2014	13:00 -
Donderdag	13:00 - Nabesprekings
Dinsdag	13:00 -
15 juli 2014	d -4 w -16 m -139 y -915:30 i 7.30%
Dinsdag	13:00 -
17 juli 2014	22 (+1) / 21 -4:30 13 (+1) / 12 -774:30 50 (-1) / 51 6.30% 33:30 (+0:30) / 33 -22 32 -32 825:30 (+0:30) / 825 -688 52 = 52 5.26% 0 -3:30 16 -34 120 -156 912 -1610 48 40.58% 1 0 -3:30 4 -22 4 -32 138 -688 56 50.00%

Piet Bas Jean Kim Frank

14:00 15:00 16:00 17:00 18:00

13:30-18:30 Verlof  
14:00-18:00 Stand-by Othello

15:00-17:00 King Lear Kleine Zaal Stage Hand  
15:00-17:00 King Lear Kleine Zaal Engineer

rentlezaal Vergaderzaal

ngst Nieu... 0-21:00  
Nieuwe leden 0-12:00  
Besprekings plan... 0-15:00  
0-17:00

EVENEMENTEN TEAMS RESOURCES CONTACTEN TAKEN RAPPORTEN HELP ZOEKEN DIRM TO DO WAARSCH... UPDATES

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[Vehicle report](#)
[Receipts list](#)
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[Settings](#)
[Admin](#)

## Travel expenses report

### Travel expenses report

252 - Fotodokumentation Wien 1

Name	Sabine Knoefel
Street	An der Mehlwaage 2
Place	79098 Freiburg
Pers. nr.	001

E-Mail	sabine.knoefel@gmail.com
Phone	0781-542548
Mobil	0151-21546987
Fax	

Start date	08.01.2014 08:00
End date	10.01.2014 18:00
Startplace	Freiburg
Destination	Wien, Österreich

Bank	Volksbank Freiburg
IBAN	DE92 923742 239238102
BIC	
Creditor	1200

Day per diem	69,00 €
Night per diems	0,00 €
Receipts	1639,00 €
Rides	0,00 €

Total amount	1708,00 €
Deductions Meals	17,40 €
Payments in kind	0,00 €
Payment sum	1690,60 €

25% steuerpflichtig	
Deductions Payment Metho	0,00 €
Full Vat	122,78 €
Reduced Vat	56,92 €

Date	Nr	Receipt kind	Name	Currency	Exchang	Net	Vat.	Sum
08.01.2014	5	Hotel	Hotel Central 1	800,00 EUR	1,00000	747,66 €	52,34 €	800,00 €
08.01.2014	5	Taxi	Taxi Flughafen 1	70,00 EUR	1,00000	65,42 €	4,58 €	70,00 €
08.01.2014	5	Flight	Lufthansa 1	769,00 EUR	1,00000	648,22 €	122,78 €	769,00 €

Date	Country	Breakfast	Lunch	Dinner	Sum
08.01.2014	Day per diem Austria				20,00 €
08.01.2014	Deduction	-5,80 €			5,80 €
09.01.2014	Day per diem Austria				29,00 €
09.01.2014	Deduction	-5,80 €			5,80 €
10.01.2014	Day per diem Austria				20,00 €
10.01.2014	Deduction	-5,80 €			5,80 €

Summen	Breakfast	Lunch	Dinner	Sum
Deductions	17,40 €	0,00 €	0,00 €	17,40 €
labelPaymentInKindReduction	0,00 €	0,00 €	0,00 €	0,00 €

## Ads

**brands4friends**


Marken zum Freundschaftspreis  
bei Deutschlands No. 1 Shopping-Club

[Jetzt entdecken](#)
\*ggp. UVP

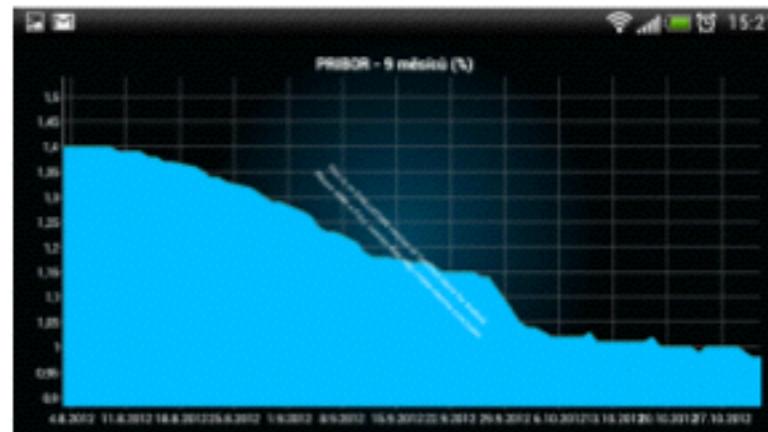
## Summary

Day per diem	69,00 €
Overnight stay	0,00 €
Receipts	1639,00 €
Rides	0,00 €
Total amount	1708,00 €
Deductions	17,40 €
Payments in kind	0,00 €
Payment sum	1690,60 €



**ČSOB Finanční trhy**

The screenshot shows the main interface of the CSOB Finanční trhy app. At the top, there are tabs for 'Aktuální ceny' (Current prices), 'Aktuální ceny ČSOB' (Current CSOB prices), 'Aktuální ceny ČNB' (Current Czech National Bank prices), and 'Aktuální ceny ČEZ' (Current ČEZ prices). Below these are several news cards with titles like 'Důležitá novinka... 2012/2013 Q1', 'Reálný HDP (%)', 'Reálná spotřeba domácností...', 'Průměrná měsíční inflace (%)', 'Nominalizované měsíční růst (%)', 'Rezervy 2012/2013 Q1', 'Cena rafpy Brent (USD/barel)', 'EUR/CZK', 'EUR/USD', 'PRIBOR 3M (%)', 'USD/CZK', 'Měsíční rezervy (%)', 'Klientů: celkově 2012/2013 Q1', 'IBS sečta CZK, 10 let (%)', 'Výnos et. akcií vložených 10 let...', and 'Pozemek vložený ČSOB 2012'. To the right is a large chart titled 'Reálný HDP (%)' showing a bar chart from 2009 to 2012.

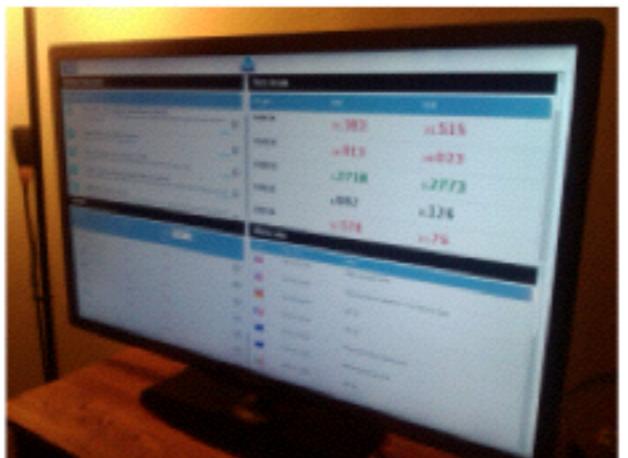
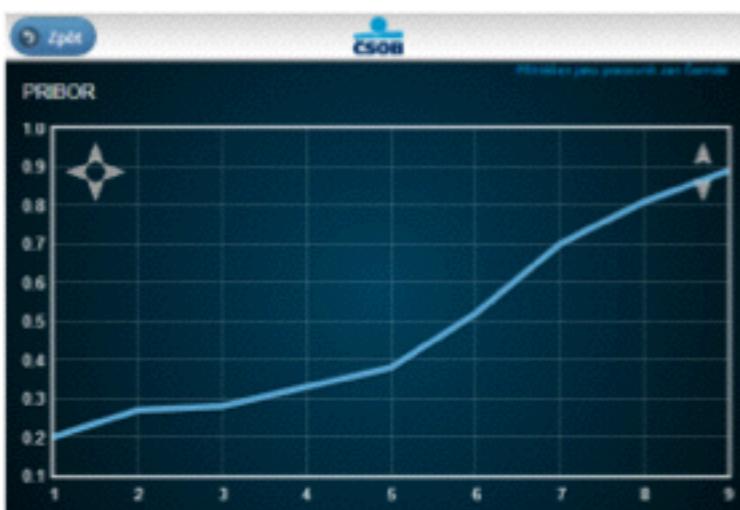


FX páry proti EUR			
Měnový pář	Nákup	Prodej	Dostupné zdroje
EURAUD	0.8012	0.8020	76
EUREUR	1.0000	1.0000	76
EURCHF	1.2099	1.2097	76
EURCZK	25.1400	25.2700	76
EURDKK	7.4445	7.4700	76
EURGBP	0.8014	0.8000	76
EURHUF	36.0000	36.0000	76
EURLPY	103.7000	104.2000	76
EURNOK	7.3481	7.3800	76
EURPLN	4.0015	4.0000	76
EURNOK	4.5229	4.5460	76
EURRUB	6.6000	6.6000	76
EURSEK	8.6075	8.6480	76

Zpět	CSOB	Přihlášen jako klient Tomáš Kuncík
Kontakty		
Online		
<b>Jan Čermák</b> Investiční výzkum - analytik		...
Offline		
<b>Jan Bereš</b> Investiční výzkum - analytik		...
<b>Petr Běba</b> Investiční výzkum - analytik		...
Upozornění: tato stránka se automaticky aktualizuje každých 5 vteřin.		

Tomáš Kukuk - České	
<b>Úvod</b>	29.11.2012 11:21:34 - Tomáš Kukuk ahoj tomáš jej ze měří
<b>Datum:</b>	15.11.2012 17:30:18 - 10 znamení přesnosti
<b>Datum:</b>	15.11.2012 17:28:51 - Tomáš Kukuk Ahoj Monika
<b>Datum:</b>	15.11.2012 17:01:44 - 10 ahoj Tome
<b>Datum:</b>	14.11.2012 19:20:13 - Tomáš Kukuk ahoj

FX par	Bid	Ask
EURCZK	25.407	25.539
USDCZK	19.746	19.856
EURUSD	1.2836	1.2893
PLNCZK	6.168	6.212
GBPCZK	31.494	31.67
HUF CZK	0.09075	0.09141
CZHCZK	21.082	21.206
AUDCZK	20.471	20.593
AUDUSD	1.0323	1.0415
CADCZK	19.816	19.926
DKKCZK	3.407	3.424
EURAUD	1.2325	1.249



ČSOB Finanční trhy		
<a href="#">Přejít</a> <a href="#">Znovu</a> <a href="#">Nové</a>		
<a href="#">Brentový index Brent</a>	3	Ranou přesného: Government ČNB vydal další hotovostní signál. Recenze v eurozóně zatím nemá tak silná, že se očekává negativní posunutí.
<a href="#">Par EUR/CZK pleskotil 28,8</a>	3	Regionální měny se ve čtvrtek obohadovaly nejdřív.
<a href="#">Kurzu euroobalu pomocí data HDP</a>	3	Kurzu euroobalu evidentně pomohla vložena zlepšená data, kterými se evropských HDP za tento kvartál.
<a href="#">Dnes se lhůt na americké daty</a>	3	Výsledky HDP za třetí kvartál v podstatných zemích eurozóny měly nyní poměrně díky na dluhodobým datům.
<a href="#">Cenaropy Brent vyleštěla vložku</a>	3	Cenaropy Brent (ICE) vlastně vložku a před expirací prodlouženého kontraktu dosáhla cenušky měsíčního a deníkového...
<a href="#">Předpoklady ekonomiky pokračují a novější přezkoum</a>	3	Ani tento čtvrtlet nepřinesl zlepšení situace v české ekonomice.
<a href="#">Německá lokomotiva prosazuje příliš nelení</a>	3	Německý HDP rostl ve 3. kvartetu o 0,8 % měsíčně a o 0,2 % mimočasovně.

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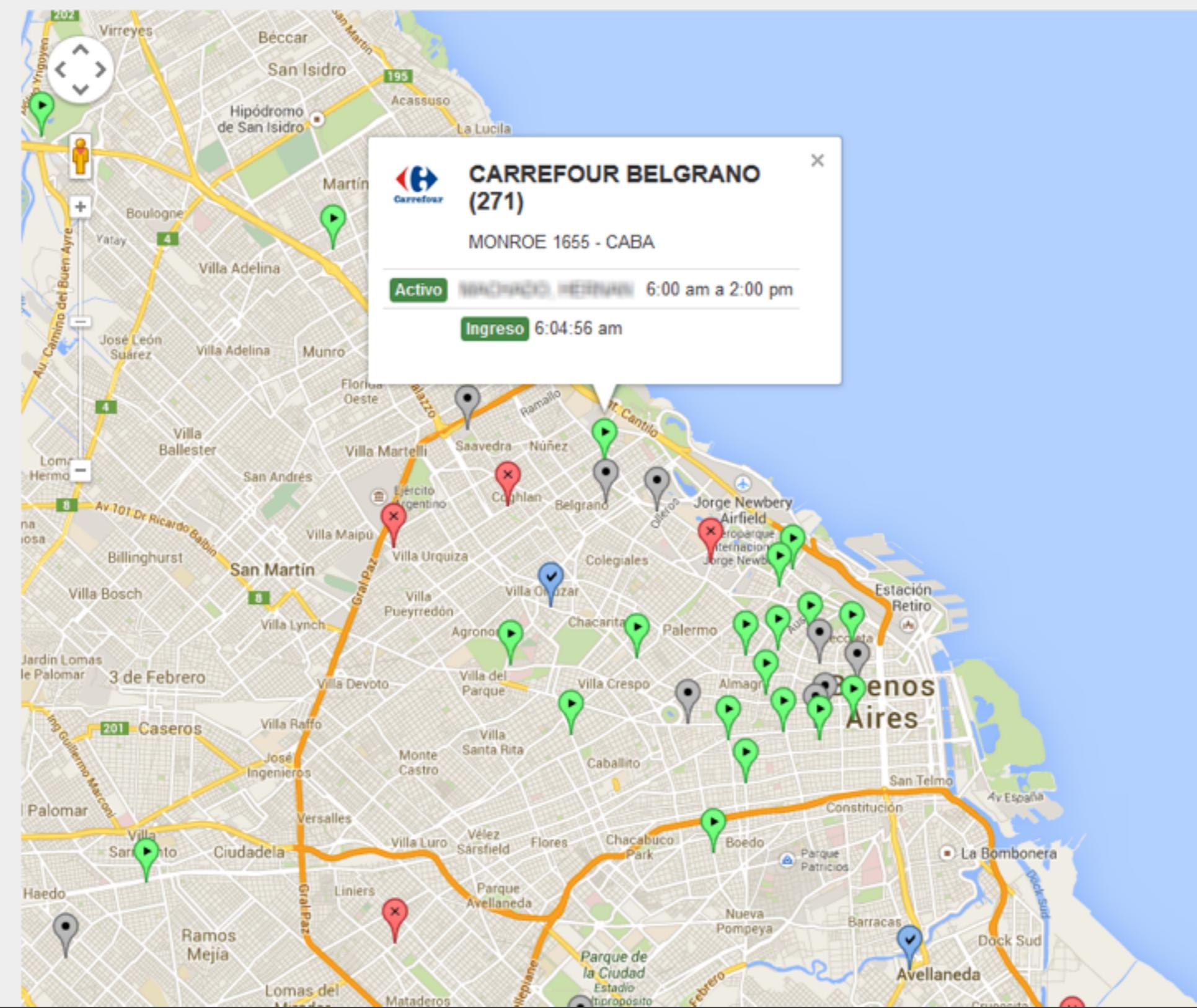
ETH  
Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich



## Mapa de Ruteos

- Home
- Indicadores
- Crossfilter Ruteos
- Mapa de Ruteos
- Info de reposidores
- Estados de Reposidores
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- Importación de Ruteos

Map Satellite



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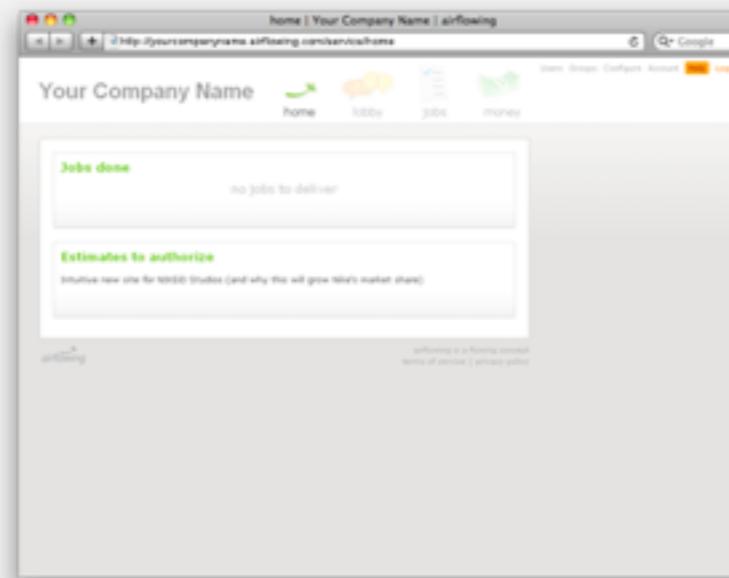


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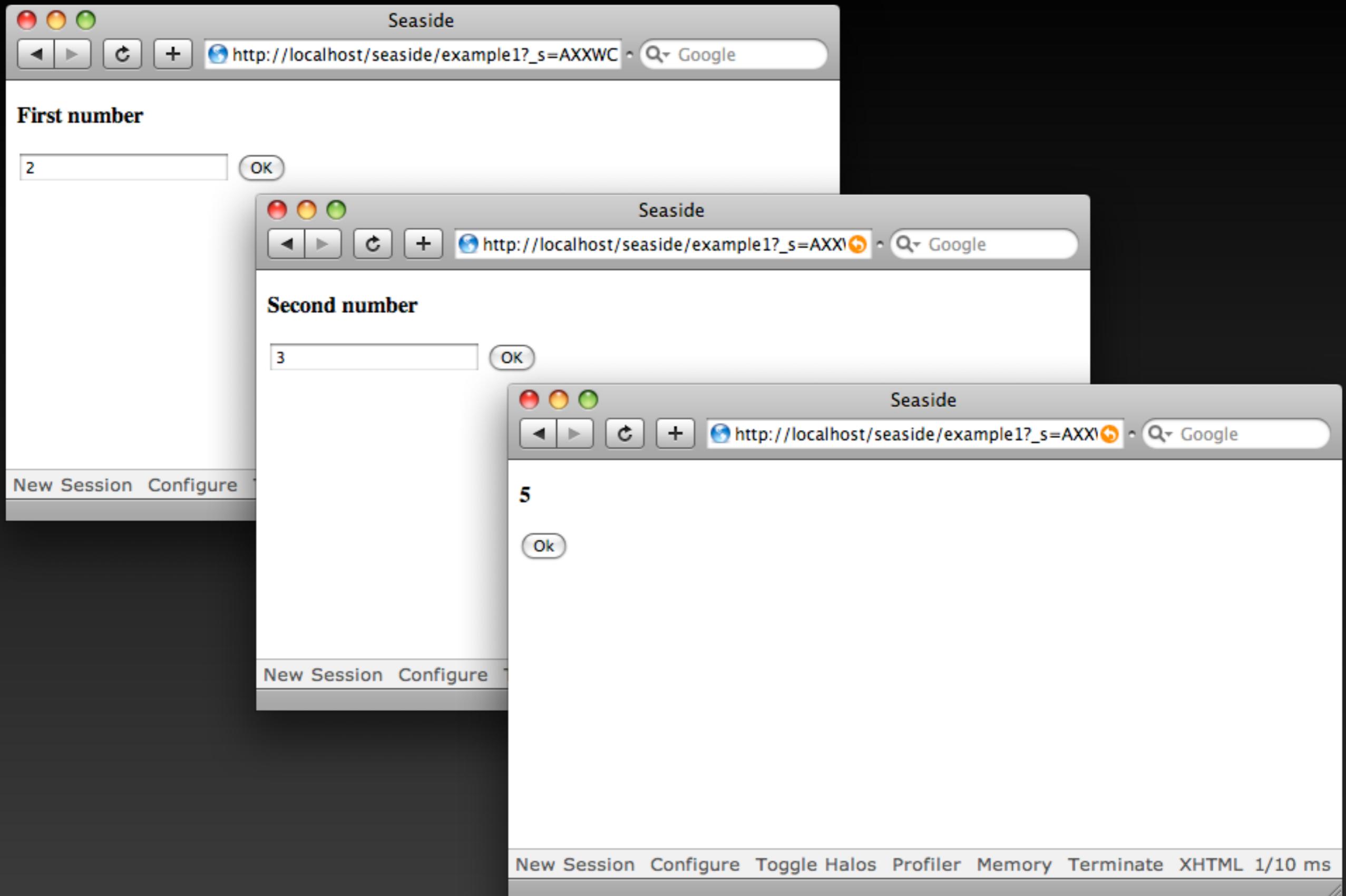
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new



```
<form action="second.html">
  <input type="text" name="value1">
  <input type="submit" value="OK">
</form>
```

```
<form action="result.html">
<form action="result.html">
  <input type="hidden" name="value1" value="<% value1 %>">
  <input type="text" name="value2">
  <input type="text" name="value2">
  <input type="submit" value="OK">
</form>
</form>
```

```
<p>
  <% value1 + value2 %>
</p>
```

Who cares about  
HTTP anyway?

seaside 

is different

Concentrate on  
your application ...

... no manual  
request parsing

... no XML  
configuration files

# 3 user interactions

3 lines of code

value1 := self **request**: ‘First Number’.

value2 := self **request**: ‘Second Number’.

self **inform**: value1 + value2.

new

```
WAComponent subclass: #Example2
instanceVariableNames: 'english'
```

```
Example2>>renderContentOn: html
html form: [
    html button
        callback: [english := true];
        text: 'english'.
    html button
        callback: [self inFrench];
        text: 'french'.
    html submitButton
        callback: [ english
                    ifFalse: [self inform: 'Bonjour']
                    ifTrue: [self inform: 'Hello'] ];
        text: 'Say Hello' ]
```

new

```
WAComponent subclass: #Example4  
instanceVariableNames: 'children'
```

```
Example4>>initialize
```

```
super initialize.  
self children: {Adder new. WACounter new.  
Example2 new . Example3 new}
```

```
Example4>>renderContentOn: html
```

```
self children  
do: [ :each | html render: each ]  
separatedBy: [ html break ]
```

The screenshot shows a user interface with several elements:

- A top-level title "first number" in bold black font.
- An input field containing the value "10" with an "OK" button to its right.
- A large blue number "5" displayed prominently.
- A link labeled "++--" in blue text.
- A title "Bonjour" in bold brown font.
- A button labeled "Ok" in blue text.
- Three buttons: "english", "french", and "Say Hello".
- A text input field labeled "Username:" followed by a "Say Hello" button.



# Natural Flow

X := A call: B



**B** answer: 



x := 

A



# Reusable Components

We don't think in  
pages ...

..., but in stateful  
**components**

[Register work](#)[Reports](#)**Filter**

cmsdev-1 (netstyle.ch - Pseudokontakt)

-- all members --

-- all types --

- all -

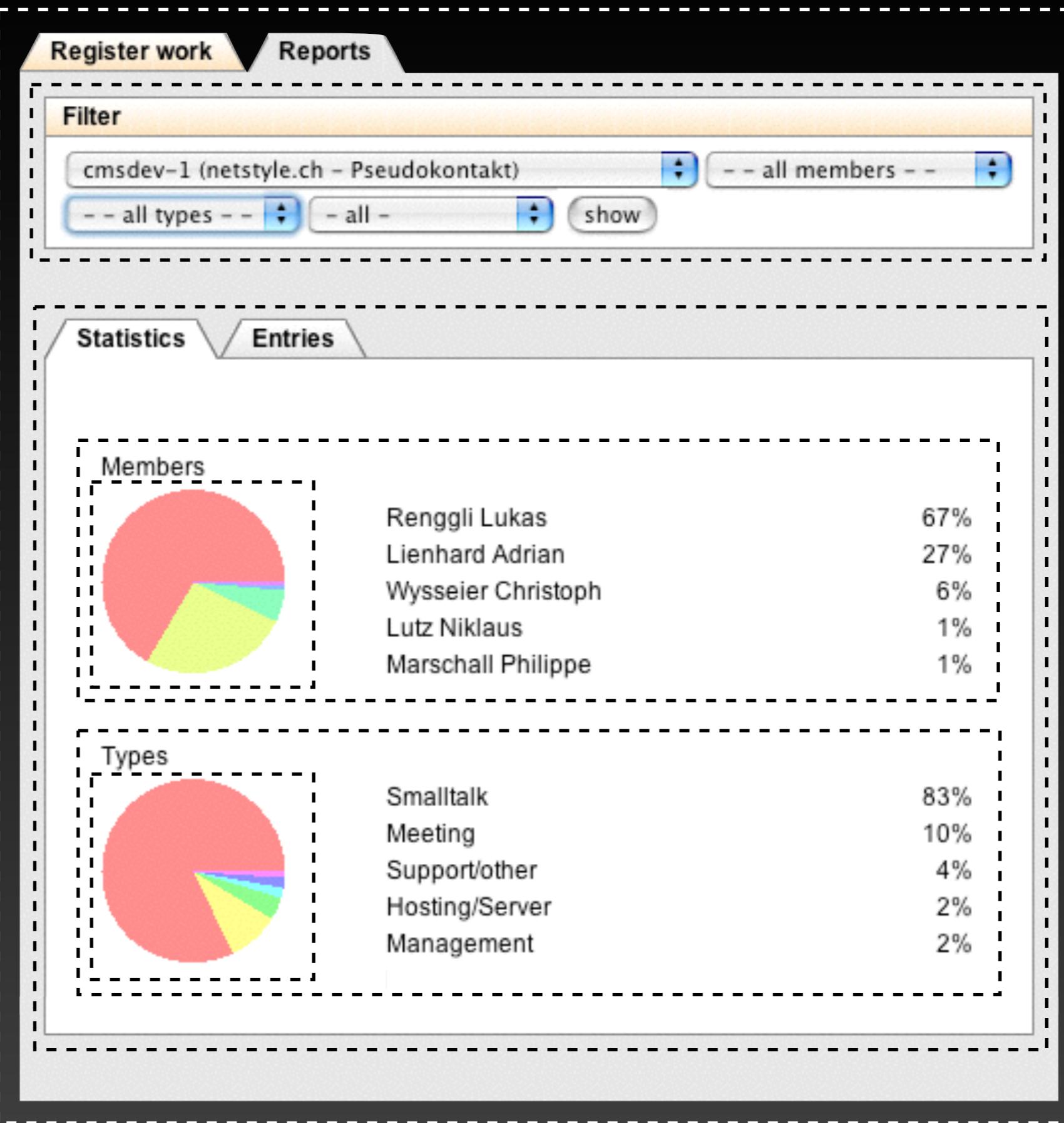
show

[Statistics](#)[Entries](#)**Members**

Renggli Lukas	67%
Lienhard Adrian	27%
Wysseier Christoph	6%
Lutz Niklaus	1%
Marschall Philippe	1%

**Types**

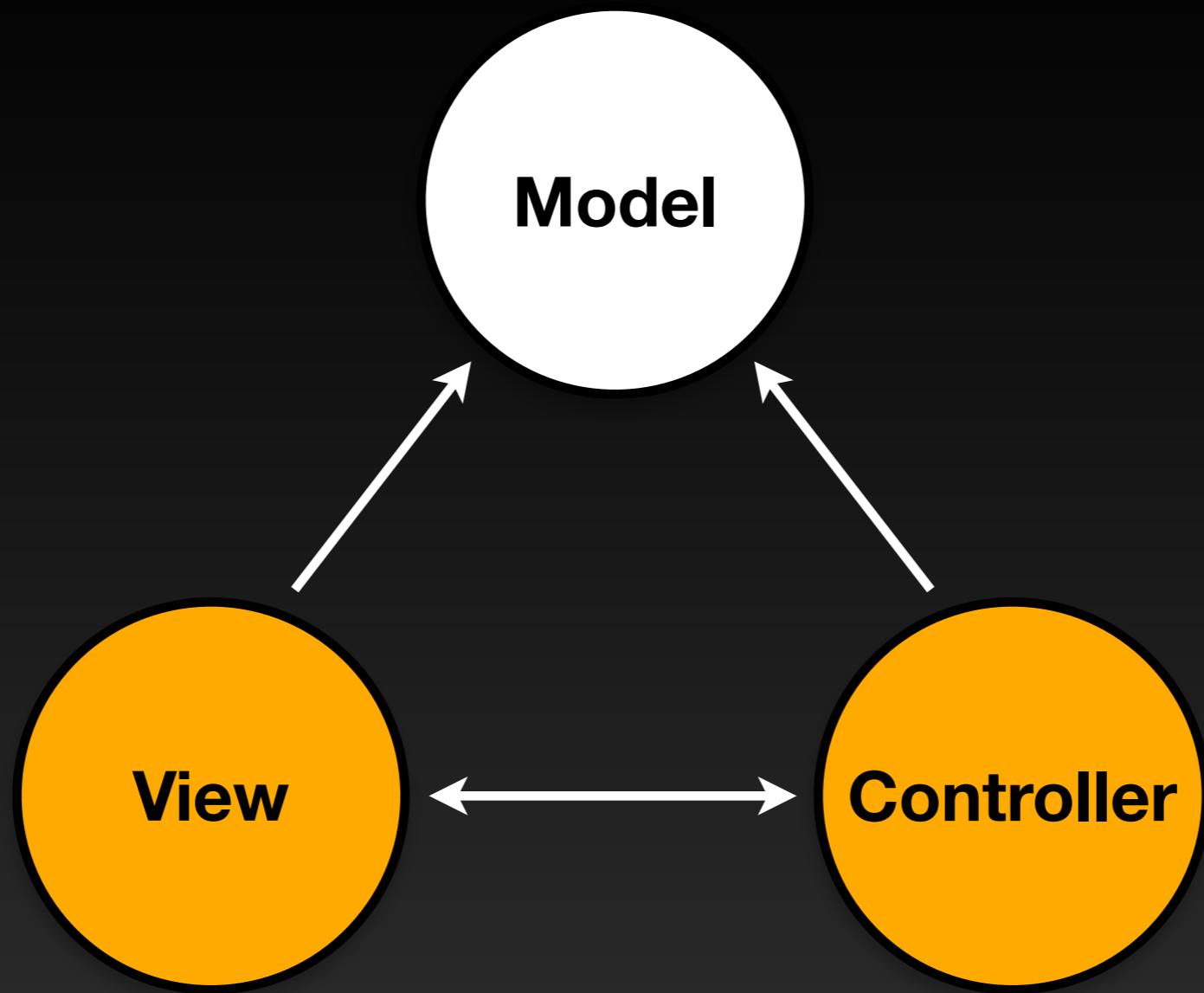
Smalltalk	83%
Meeting	10%
Support/other	4%
Hosting/Server	2%
Management	2%



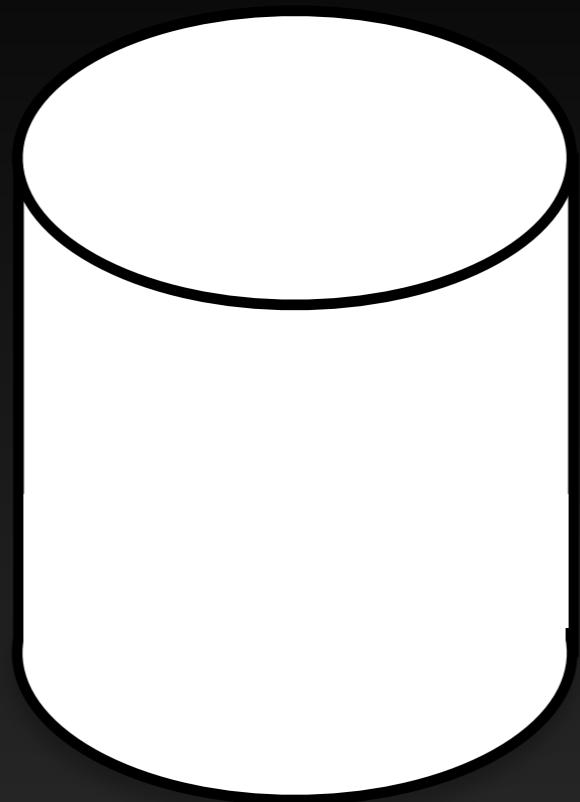
Components  
are cool



Reusable



# Model, View, Controller



# Persistent



Valid

CSS  
Designer

# XHTML

Developer & Seaside

**DRY**

Don't Repeat Yourself

# Domain Specific Language

---

html div id: ‘title’; with: ‘Title’



<div id=”title”>Title</div>

```
html div id: 'list'; with:  
  html span class: 'item'; with: 'Item 1'.  
  html span class: 'item'; with: 'Item 2' ]
```



```
<div id="list">  
  <span class="item">Item 1</span>  
  <span class="item">Item 2</span>  
</div>
```

new



**Secure by  
Default**



# Cross Site Scripting

Output is encoded  
by default

html text: '<script>alert("xss")</script>'



&lt;script&gt;alert('xss');&lt;/script&gt;



# Replay Attacks

# Session

\_S=Ru8ZKgqjy0uDX3kf

96-bit

# Page

\_k=K5EQyqKE

48-bit



# Parameter Tampering

Names are generated  
automatically

Names are bound  
to functions

No manual  
request parsing

Don't call Seaside,  
Seaside will call you



html anchor  
callback: [ self inform: 'Hello World' ];  
with: 'Show Message'



```
<a href="/seaside/example1  
?_s=Ru8ZKgqjyOuDX3kf  
&_k=K5EQyqKE  
&32">Show Message</a>
```

The background features abstract, semi-transparent dark gray geometric shapes, including triangles and rectangles, which overlap and create a sense of depth.

# Web 2.0

# AJAX

Tight, but optional  
integration

Say it in Smalltalk

<http://demo.seaside.st/javascript/jquery/>



[Seaside](#) [jQuery](#) [Documentation](#)

## jQuery Functional Test Suite

Say it in Smalltalk, Do it with jQuery

### Ajax

Ajax

Form

JSON

Counter

Repeating

### Other

Effect

Animate

### Welcome

**Seaside** provides a complete integration of **jQuery**, allowing the use of the library without having to write a single line of JavaScript code. Everything can be configured and plugged together using Smalltalk objects. Try by yourself, by clicking through this functional test suite and by browsing the source-code.

### Seaside

**Seaside** is a framework for developing sophisticated web applications in Smalltalk. It provides a layered set of abstractions over HTTP and HTML that let you build highly interactive web applications quickly, reusably and maintainably.

### jQuery

**jQuery** is a fast and concise Javascript Library that simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development. jQuery is designed to change the way that you write JavaScript.

<http://demo.seaside.st/javascript/jquery/>



Seaside    jQuery    Documentation

## jQuery Functional Test Suite

Say it in Smalltalk, Do it with jQuery

### Ajax

Ajax

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JSON

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### Other

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### Form and Form Elements

#### Demo

Text-Input

Text Input

Manual Submit

Text-Area

Text Area

Check-Box

false

Radio-Button

1

2

3

1

# Reef

- ★ AJAX/Javascript component framework for Seaside
- ★ Encapsulate Javascript in seaside components for you
- ★ Control client vs. server side requests
- ★ <http://smallworks.eu/web/projects/reef> (new web site and doc underway)

# Reef

- ★ AJAX/Javascript component framework for Seaside
- ★ Encapsulates Javascript in seaside components for you
- ★ Let you control client vs. server side requests

# Example

## todos

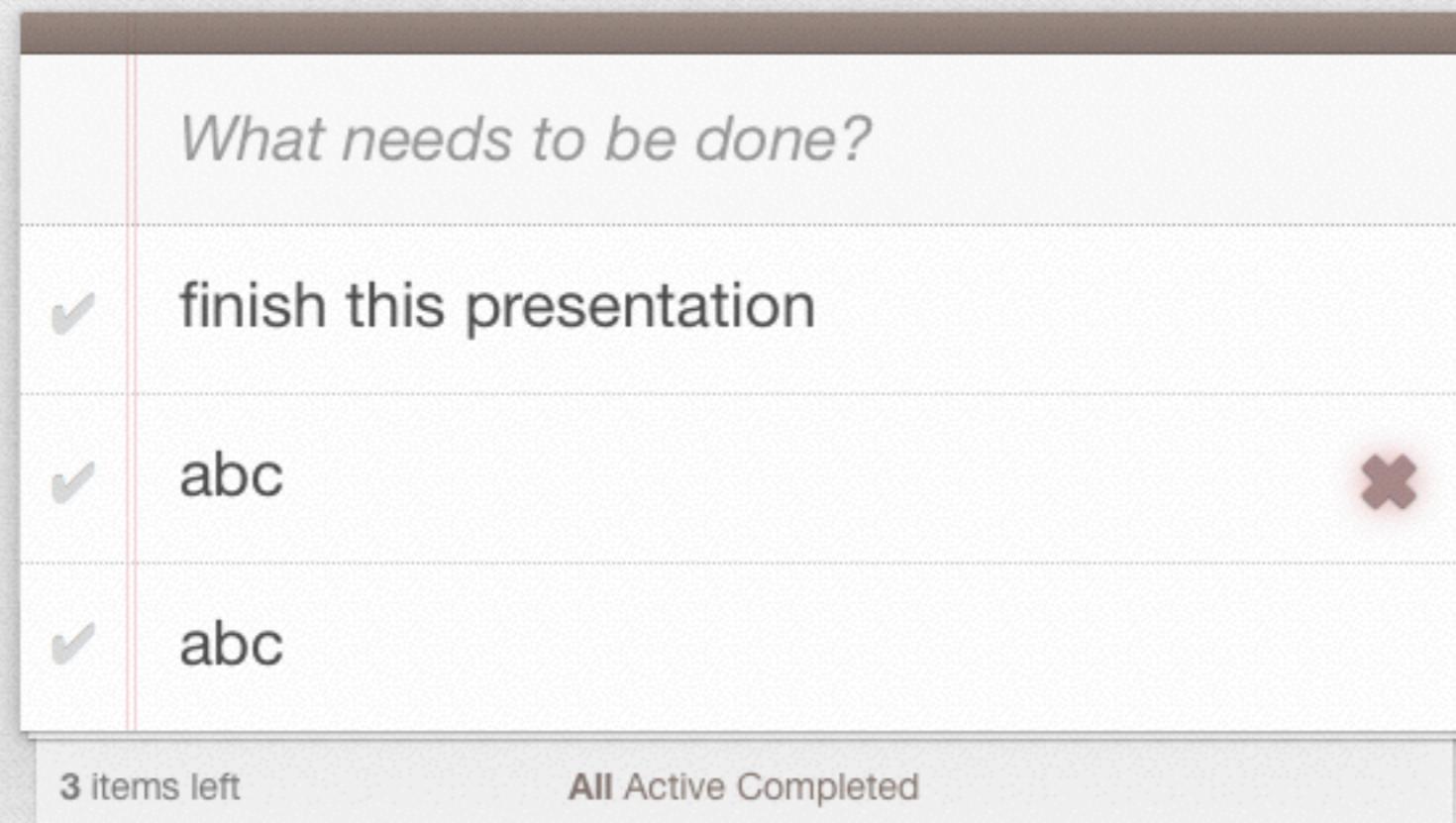
The image shows a digital interface for a 'todos' application. At the top, a dark header bar contains the word 'todos' in a large, white, sans-serif font. Below this, the main area has a light gray background. On the left side, there is a vertical red line with three circular checkmarks aligned vertically, each next to a task item. The tasks are listed as follows:

- finish this presentation
- abc
- abc

At the bottom of the main area, there is a thin horizontal dotted line. At the very bottom, a footer bar has a dark gray background with white text. On the left, it says '3 items left'. In the center, there are three buttons labeled 'All', 'Active', and 'Completed'.

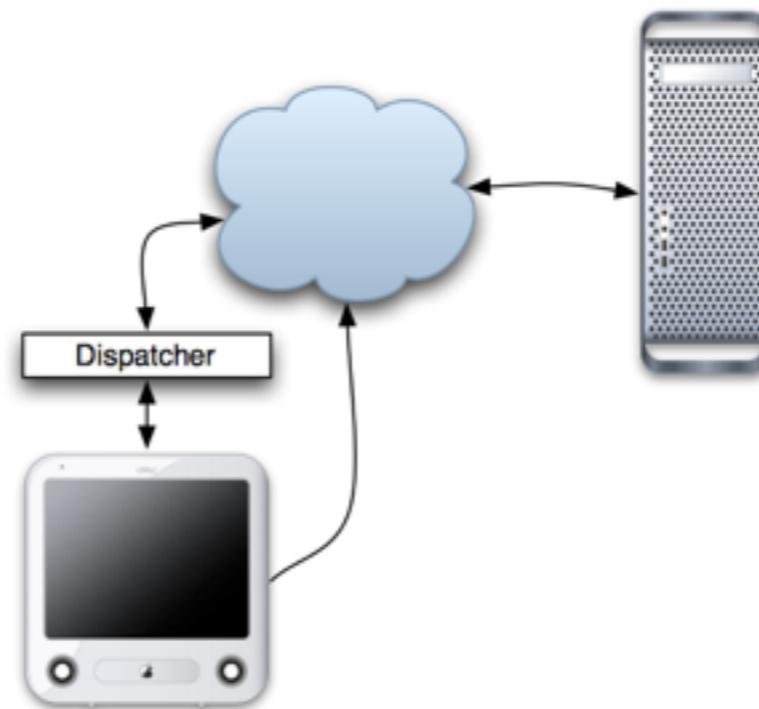
# Example

todos

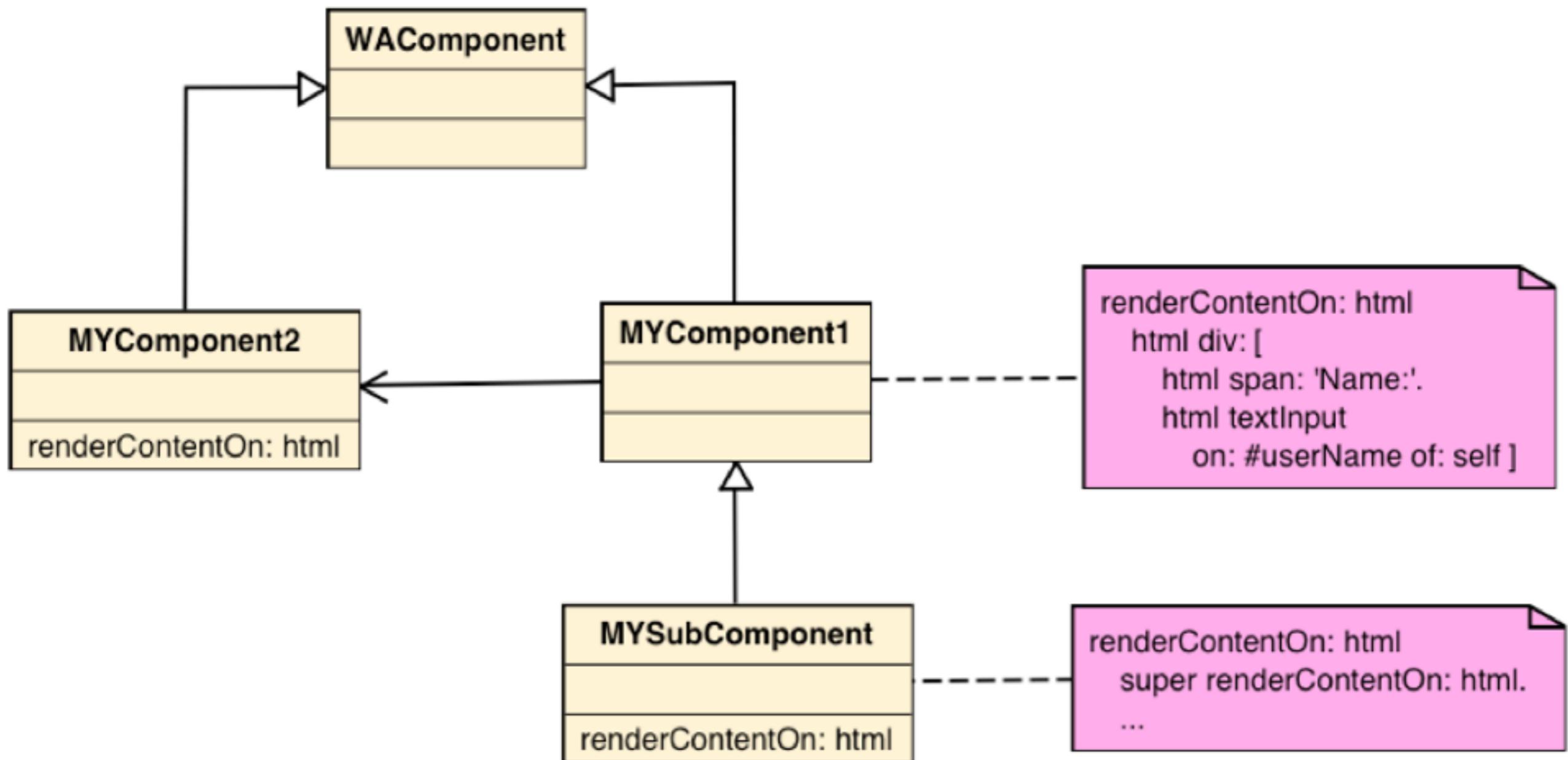


# Reef

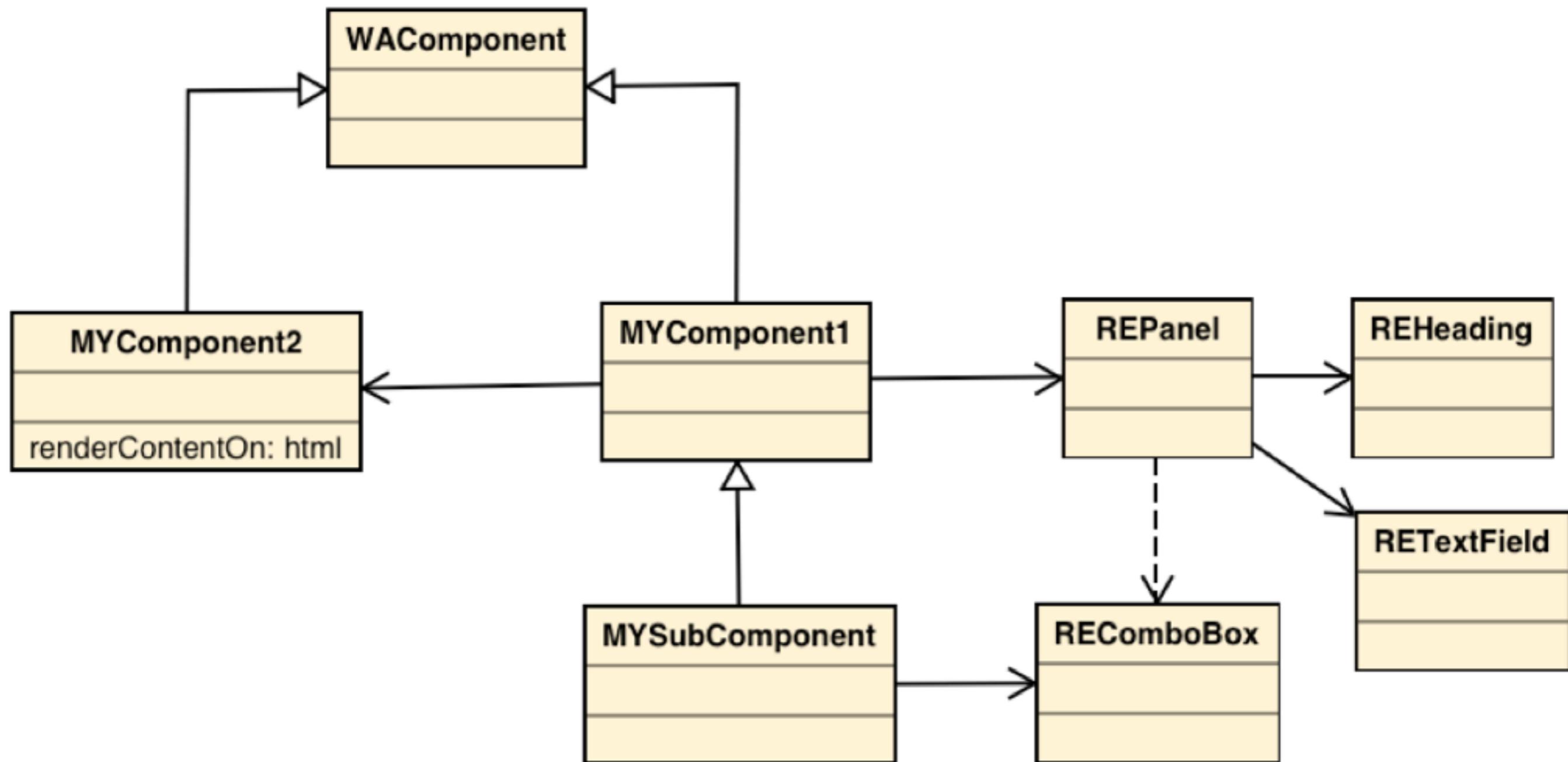
## Reef architecture



# With Seaside



# With Reef



# **Seaside-REST**

# Seaside-REST

- ★ Smooth and easy integration
- ★ Annotation of domain objects
- ★ Natural conversion

# GET/POST

```
ToDoHandler>>list
<get>

^ String streamContents: [ :stream |
    ToDoList default items do: [ :each |
        stream nextPutAll: each title; crlf ] ]
```

```
ToDoHandler>>create
<post>
    ToDoList default items
        add: (ToDoItem new
            title: self requestContext request rawBody;
            yourself).
^ 'OK'
```

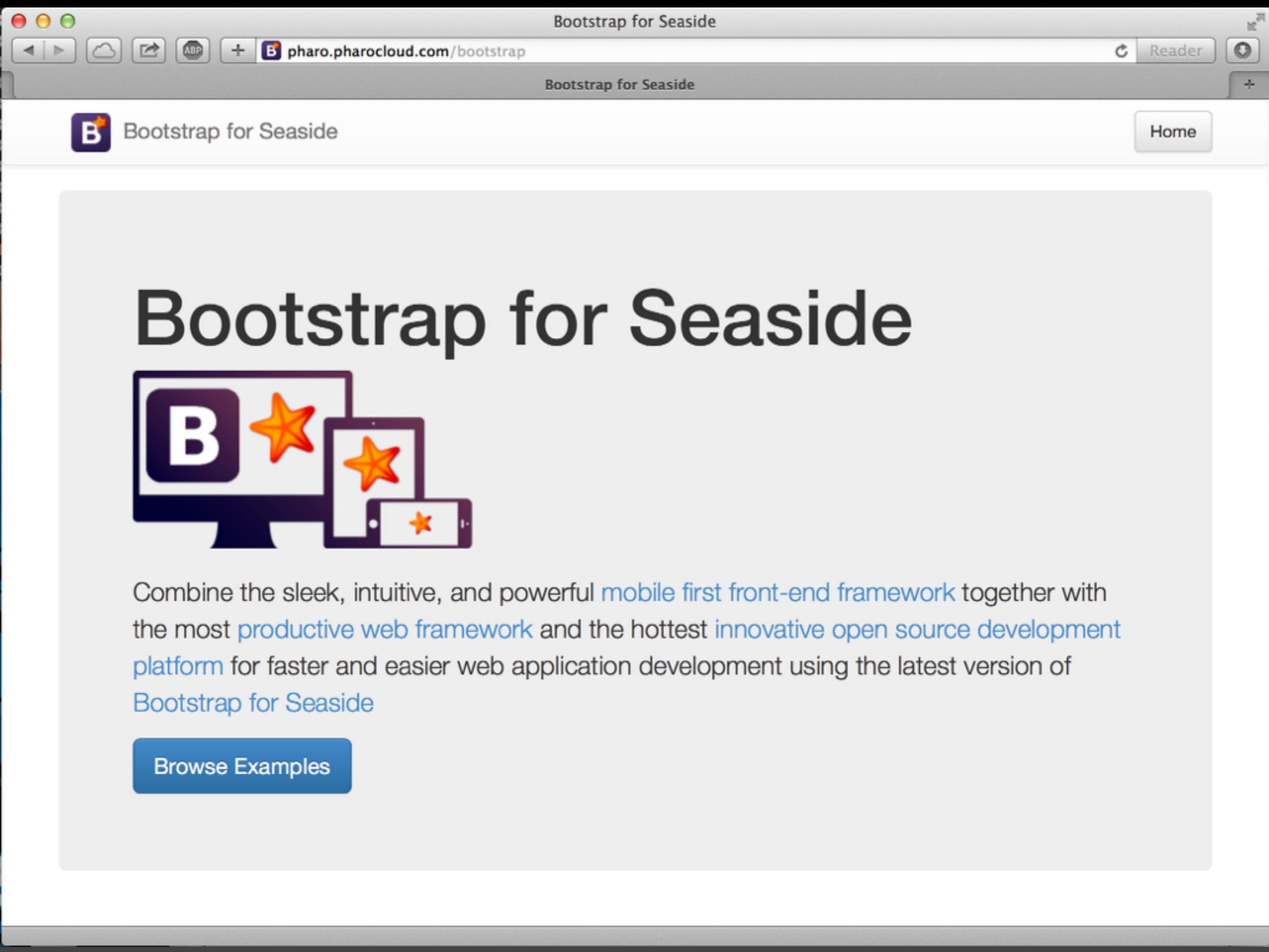
# Content TYPE

```
ToDoHandler>>listJson
<get>
<produces: 'text/json'>

^ (Array streamContents: [ :stream |
  ToDoList default items do: [ :each |
    stream nextPut: (Dictionary new
      at: 'title' put: each title;
      at: 'done' put: each done;
      yourself) ] ])
  asJavascript

ToDoHandler>>createJson
<post>
<consumes: '*/*json'>

| json |
json := JSJsonParser parse: self requestContext request rawBody.
ToDoList default items
  add: (ToDoItem new
    title: (json at: 'title');
    done: (json at: 'done' ifAbsent: [ false ]);
    yourself).
^ 'OK'
```



# Bootstrap for Seaside



Combine the sleek, intuitive, and powerful [mobile first front-end framework](#) together with the most [productive web framework](#) and the hottest [innovative open source development platform](#) for faster and easier web application development using the latest version of [Bootstrap for Seaside](#)

[Browse Examples](#)

**Well done!** You successfully read this important alert message.

**Heads up!** This alert needs your attention, but it's not super important.

**Warning!** Best check yo self, you're not looking too good.

**Oh snap!** Change a few things up and try submitting again.

**renderExampleOn:** html

**html heading level: 2; with: 'Examples'.**

```
html tbsAlert
  beSuccess;
  with: [ html strong: 'Well done!'. html text: ' You successfully read this important alert message.' ].
```

```
html tbsAlert
  beInfo;
  with: [ html strong: 'Heads up!'. html text: ' This alert needs your attention, but it''s not super important.' ].
```

```
html tbsAlert
  beWarning;
  with: [ html strong: 'Warning!'. html text: ' Best check yo self, you''re not looking too good.' ].
```

```
html tbsAlert
  beDanger;
  with: [ html strong: 'Oh snap!'. html text: ' Change a few things up and try submitting again.' ].
```



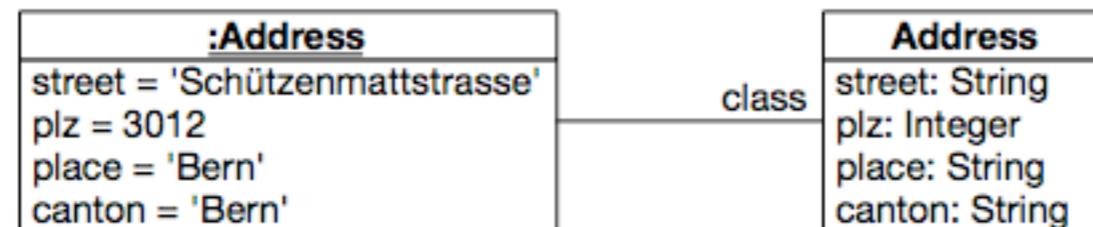
**renderExampleOn:** html

```
html tbsButtonGroup: [
    html tbsButton beDefault; with: 'Left'.
    html tbsButton beDefault; with: 'Middle'.
    html tbsButton beDefault; with: 'Right' ].
```

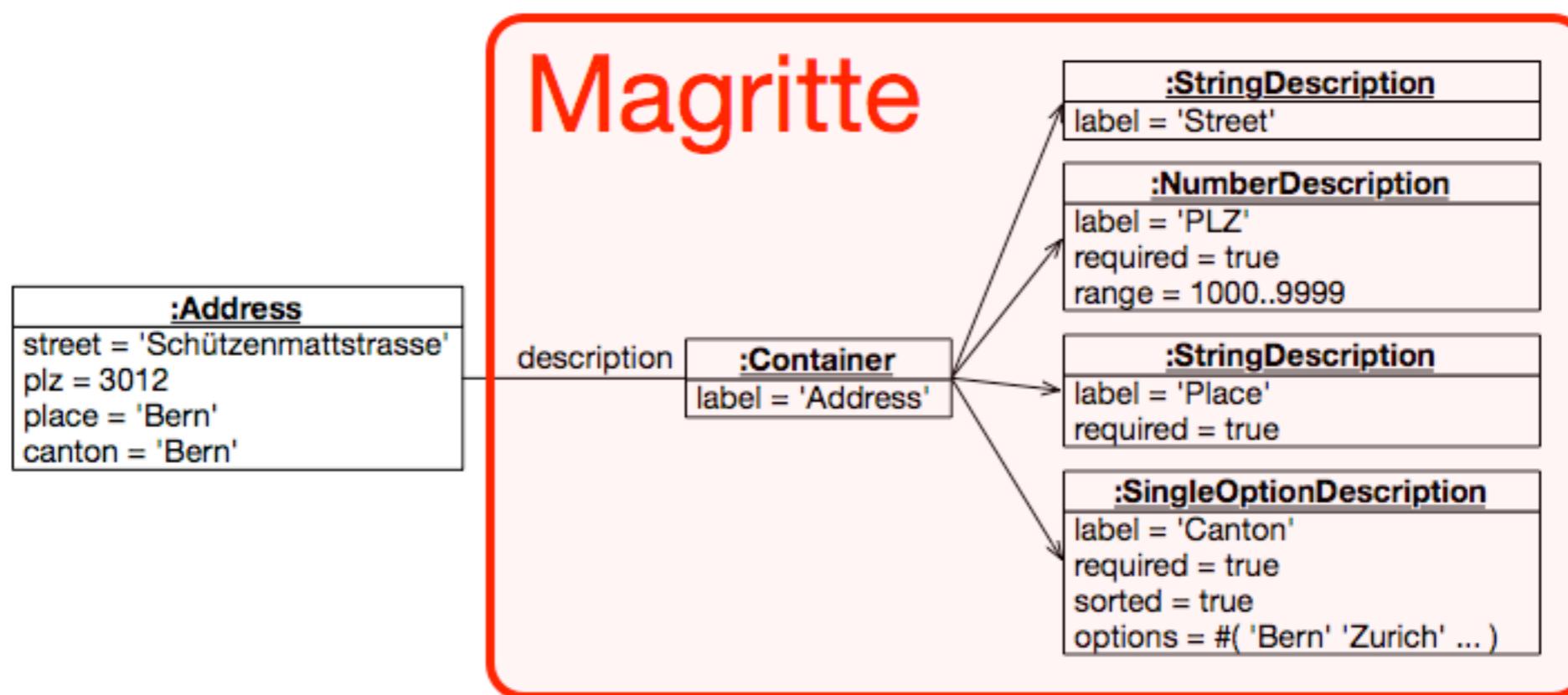
# Magritte

- ★ Describe once
- ★ Generate many times
- ★ No more manually created forms
- ★ Seaside component automatic generation

# Address Class



# Address Description



# Describe

Address >> descriptionStreet

```
^ MAStringDescription new  
    autoAccessor: #street;  
    label: 'Street';  
    priority: 100
```

Address >> descriptionPlz

```
^ MANumberDescription new  
    autoAccessor: #plz;  
    priority: 200; label: 'PLZ';  
    beRequired;  
    min: 1000; max: 9999
```

# Interpret

```
anAddress description do: [ :description |  
    Transcript  
        show: description label; show: ':'; tab;  
        show: (description toString: (anAddress readUsing: description));  
        cr ]
```

*Street:* Schutzenmattstrasse

*PLZ:* 3012

*Place:* Bern

*Canton:* Bern

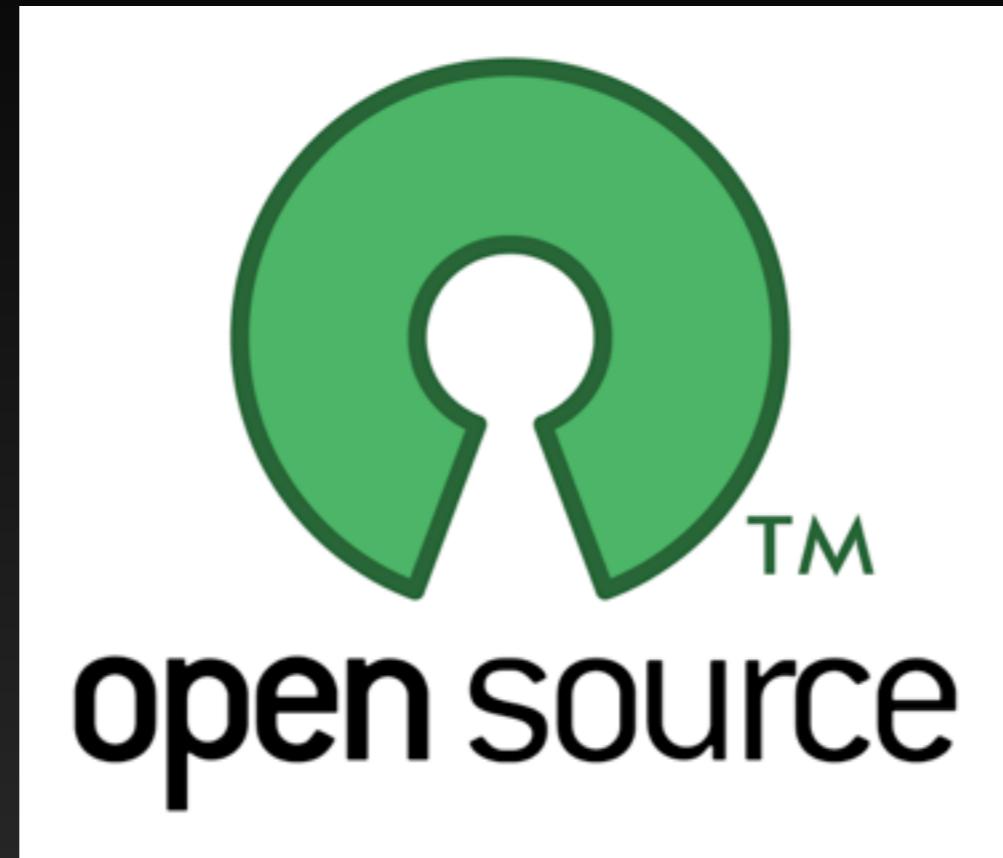
# Generate Forms

```
self call: (anAddress asComponent)  
addValidatedForm; yourself)
```

Street:	Schutzenmattstrasse
PLZ:	3012 *
Place:	Bern *
Canton:	Bern *
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	



Seaside



# MIT License



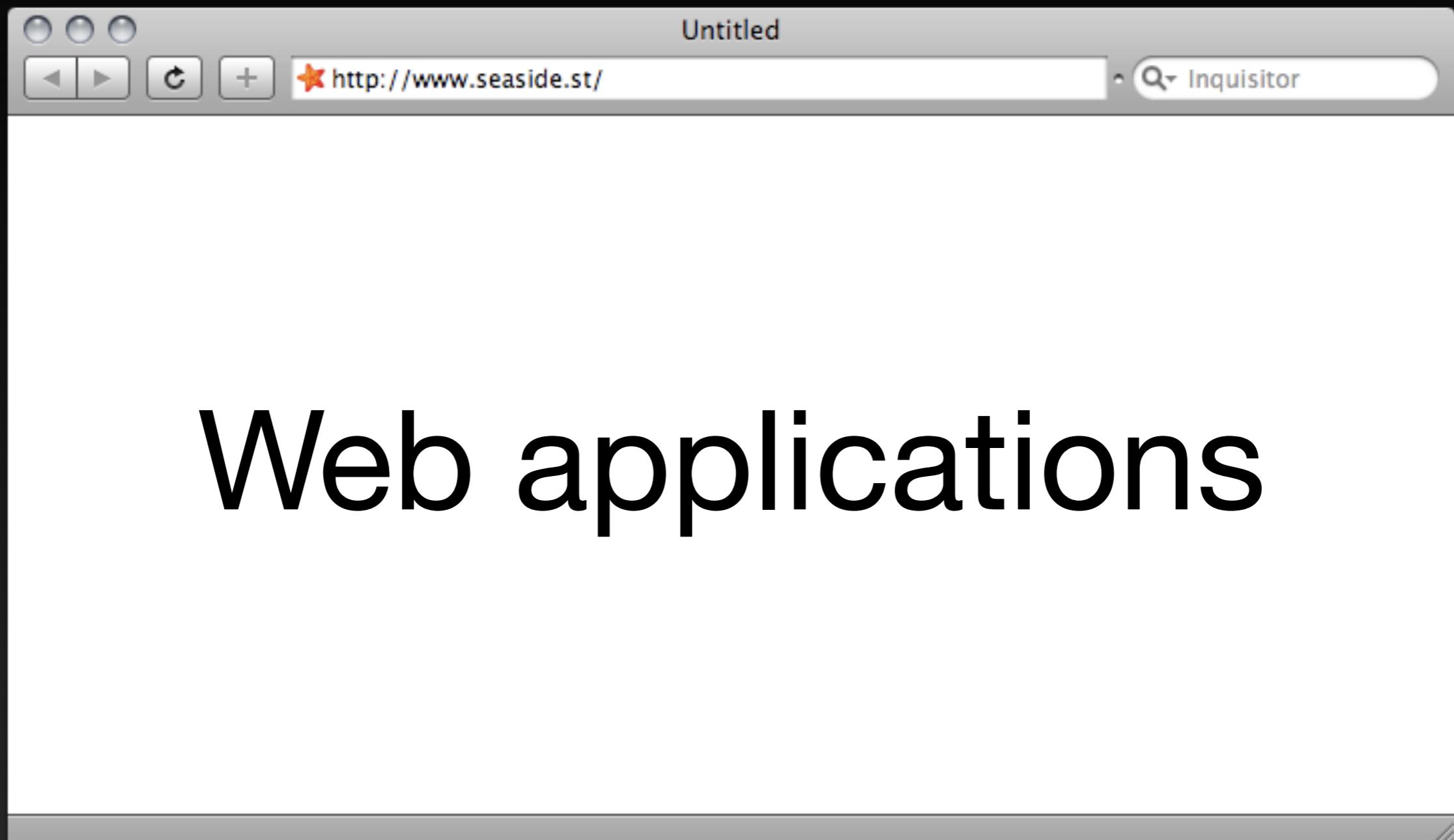
Squeak



GNU  
Smalltalk

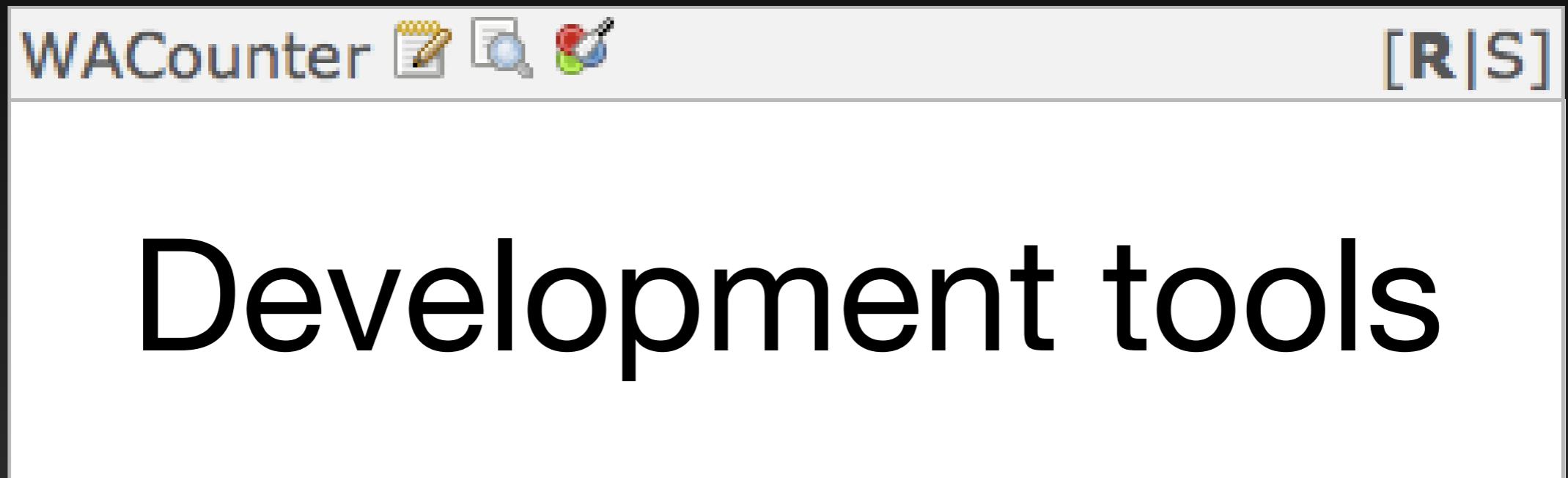


**Did you notice?**



# No URL fiddling

# No request parsing





Control flow at ease

*new site underway*



## About

[Screenshots](#)

[Examples](#)

[Hosting](#)

[Support](#)

[Success Stories](#)

[more](#)

## Documentation

Dynamic Web Development The open book  
with Seaside★ available online.

[Pdf](#) and [paper](#) versions are available too.

Also see: [FAQ](#), [Tutorials](#), [Migration](#), [Videos](#), and [more](#).

## Community

[Weblogs](#)

[Mailing Lists](#)

[Development](#)

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[Merchandise](#)

[Extensions](#)

[Projects](#)

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## Seaside 3.0

### Unit Tests



## News

[On Smalltalk: Seaside](#) 2006-09-23T20:12:13+00:00

Posts tagged with: Seaside. Installing a Gemstone Seaside Server on Ubuntu 10.10. By Ramon ... Dynam...

[Risk based test management with Smalltalk and Seaside](#) 2014-05-30T07:03:00+00:00

Another new Smalltalk web application built with Seaside in Pharo and deployed with GLASS in Gemston...

[Raving Bytes: Smalltalk and Seaside part 4](#), 2013-01-26T13:19:00+00:00

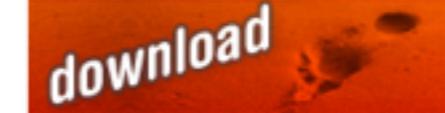
Post 4 is the last post from the series about HTML, parsing and presenting results in form of a web p...

[ESUG: Kontolino: Smalltalk and Seaside hard at work for Small ...](#) 2013-10-30T09:59:52+00:00

Kontolino: Smalltalk and Seaside hard at work for Small Businesses. Joachim Tuchel writes: "I a...

[Eric Clack's blog: Seaside: an elegant web framework in Smalltalk](#) 2013-02-08T15:45:00+00:00

I've been playing with a web framework called Seaside and I think it's very interesting. Com...



Seaside is a free and [Open Source™](#) web application framework distributed under the [MIT License](#).

Seaside is available on the following Smalltalk platforms:

[Pharo Smalltalk](#) ([download](#))

[Cincom Smalltalk](#)

[Dolphin Smalltalk](#)

[GemStone Smalltalk](#)

[GNU Smalltalk](#)

[Squeak Smalltalk](#)

[VA Smalltalk](#)

[more](#)



powered by  
seaside\*

This website is run on Squeak, Seaside

## navigation

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## participate

[Mailing Lists](#): Ask questions and talk with Seaside experts.

## activity

[Issue 839 created: "sending #addStyle: to an htmlRoot when rendering using](#)

## Seaside #704 [Jenkins]

## Jenkins

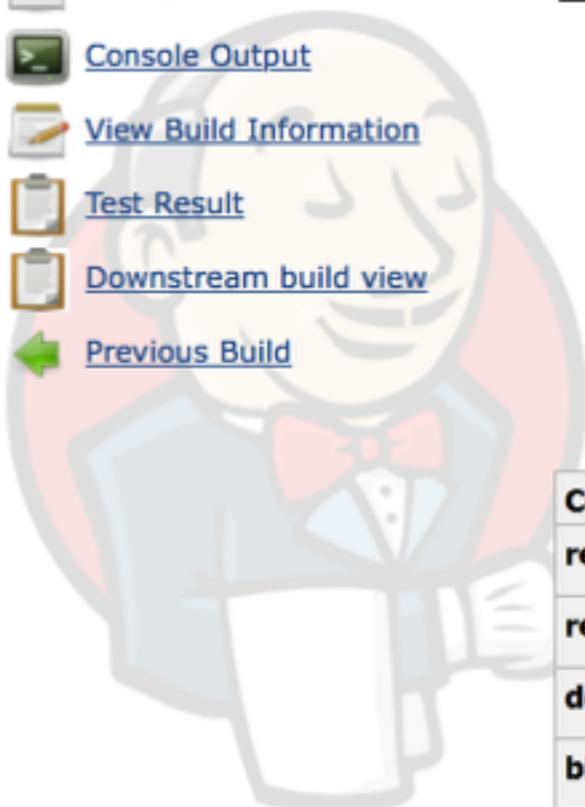


search



log in

Jenkins &gt; Seaside &gt; #704

[ENABLE AUTO REFRESH](#) [Back to Project](#) [Status](#) [Changes](#) [Console Output](#) [View Build Information](#) [Test Result](#) [Downstream build view](#) [Previous Build](#)

## Build #704 (Sep 18, 2015)

**2:33:25 PM)**

Started 18 hr ago

Took [7 min 42 sec](#) on [pharo-contribution-linux64-android](#)

No changes.

Started by user [johan@yesplan.be](#)[Test Result \(no failures\)](#)

Configuration Matrix	20	30	40
release3.0			
release3.1			
development			
bleedingEdge			



download ready to use

<https://ci.inria.fr/pharo-contribution/job/Seaside/>