

```
function calculator() {
    var a = getNumber("a");
    var b = getNumber("b", a);
    sendResult(a, b, a + b);
}

function getNumber(name, a, b) {
    var url = "page/getNumber" + name.toUpperCase();
    cocoon.sendPageAndWait(url, { "a" : a, "b" : b });
    return parseFloat(cocoon.request.getParameter(name));
}

function sendResult(a, b, result) {
    cocoon.sendPage("page/displayResult", {
        "a" : a,
        "b" : b,
        "result" : result
    });
}
```

Unbelievable

Complexity

 seaside<sup>star</sup> is different

Concentrate on  
your application ...

... no manual  
request parsing

... no parameter  
naming

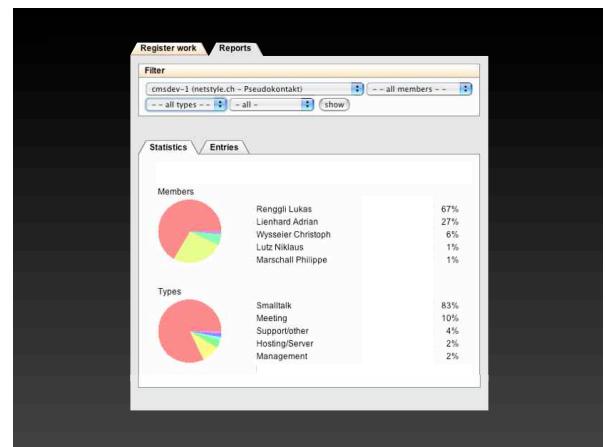
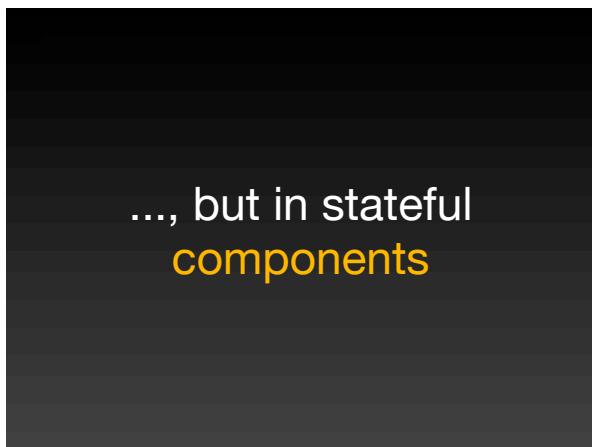
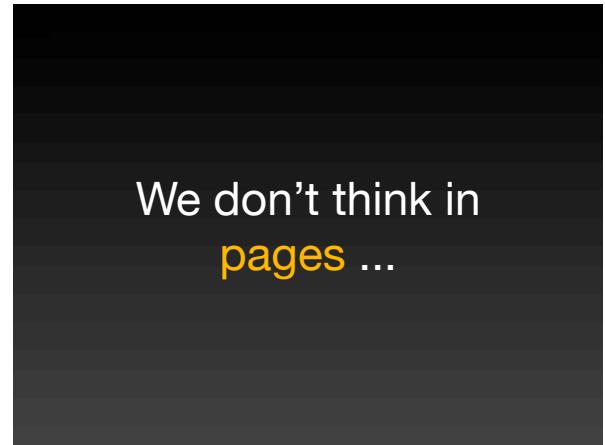
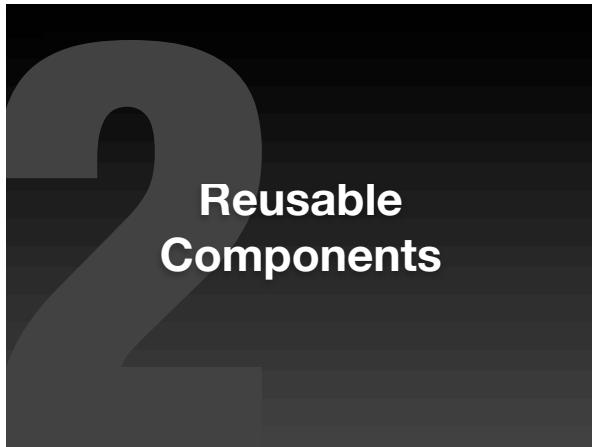
... no additional  
languages

3 user interactions

3 lines of code

```
value1 := self request: 'First Number'.  
value2 := self request: 'Second Number'.  
self inform: value1 + value2.
```

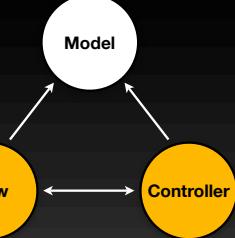
Demo



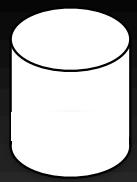
A dark slide with the text 'Components are cool' in white, accompanied by two smiley face icons.



**Reuseable**



**Model, View, Controller**



**Persistent**



**Valid**

**CSS**  
Designer

**XHTML**  
Developer & Seaside

Domain Specific  
Language



**DRY**  
Don't Repeat Yourself

html div id: 'title'; with: 'Title'



<div id="title">Title</div>

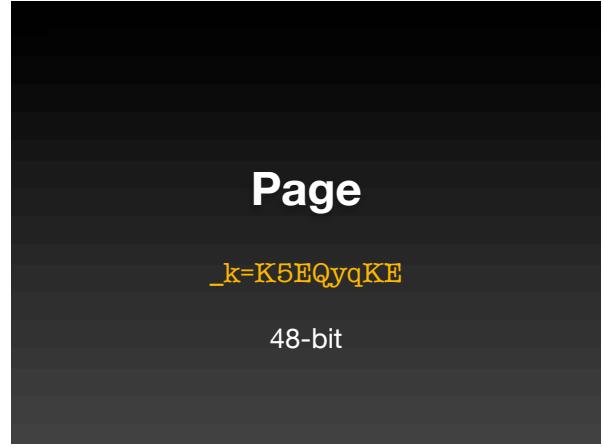
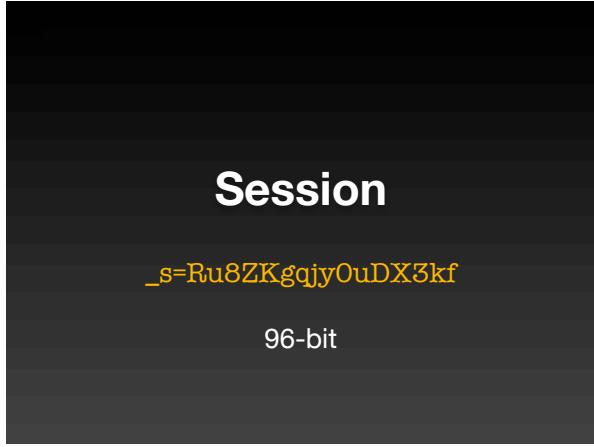
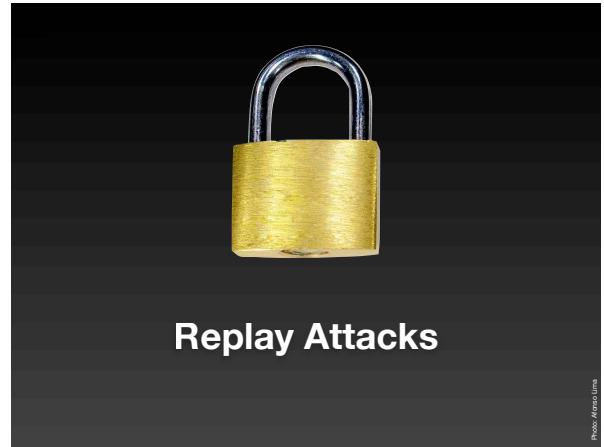
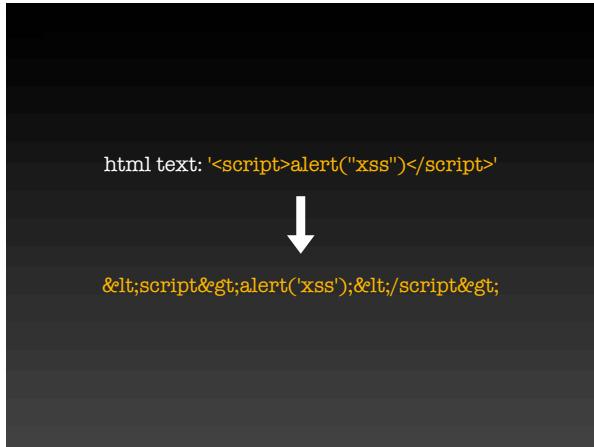
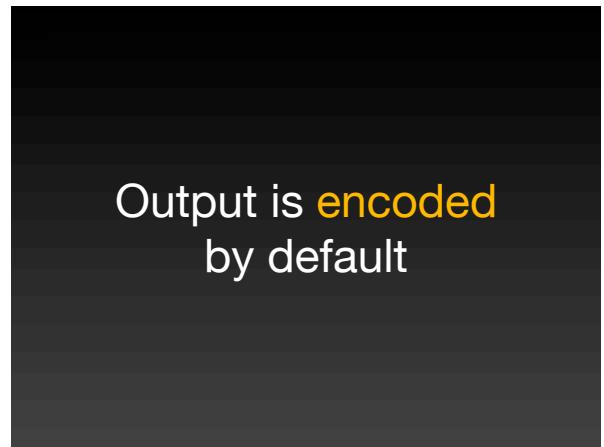
html unorderedList: [  
  html listItem: 'Item 1'.  
  html listItem: 'Item 2' ]



<ul>  
  <li>Item 1</li>  
  <li>Item 2</li>  
</ul>

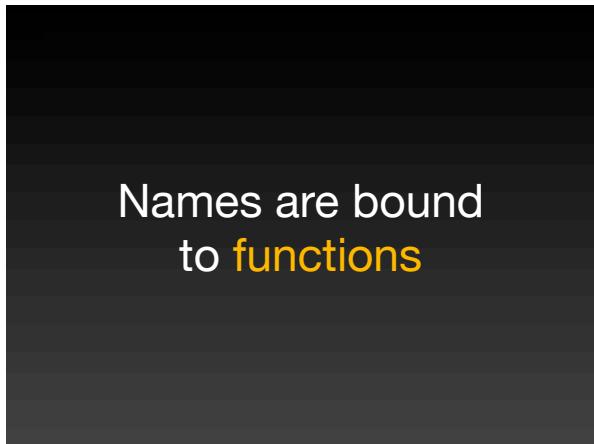
Demo

Secure by  
Default





Names are generated  
automatically



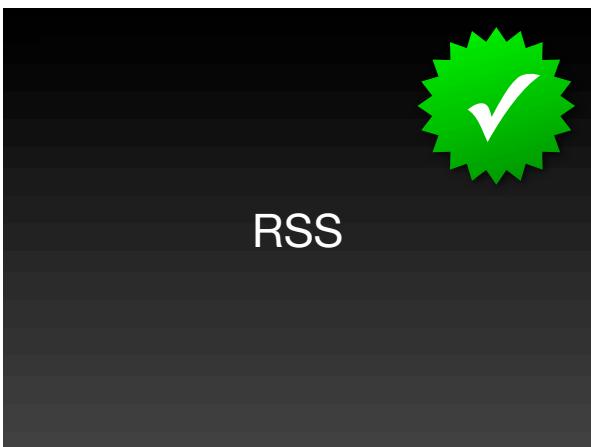
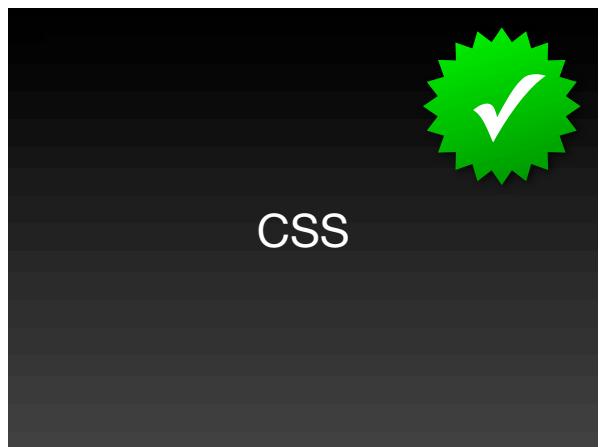
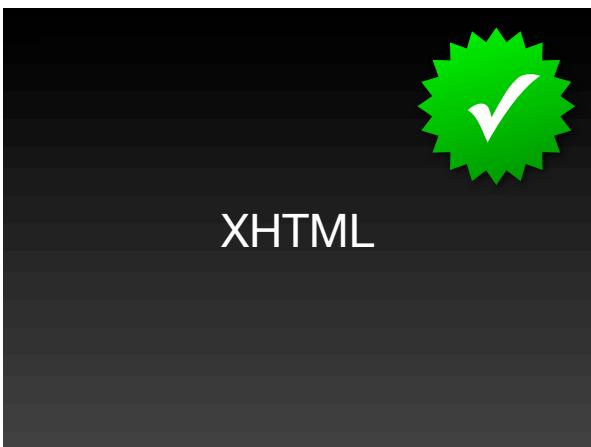
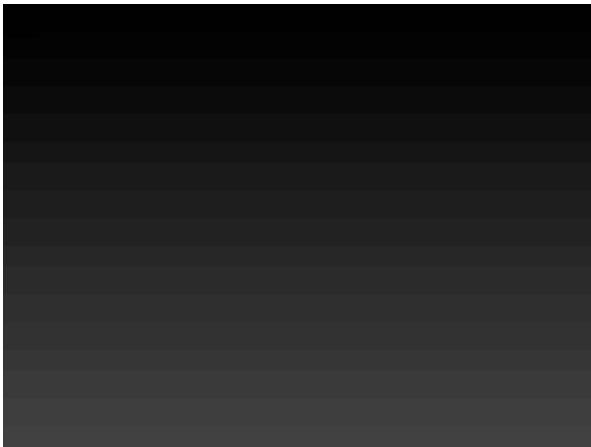
No manual  
request parsing



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



```
<a href="/seaside/example1  
?_s=Ru8ZKgqjy0uDX3kf  
&_k=K5EQyqKE  
&c32">Show Message</a>
```



*script.aculo.us*

prototype

Tight, but optional  
integration

Feature complete  
and up-to-date

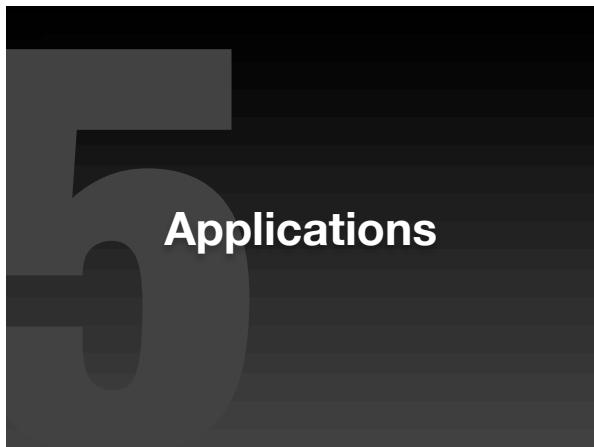
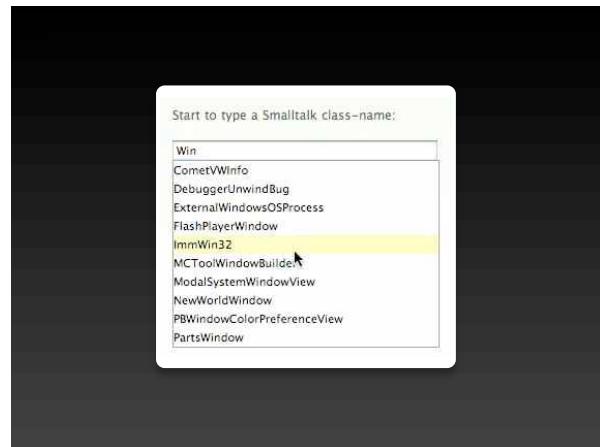
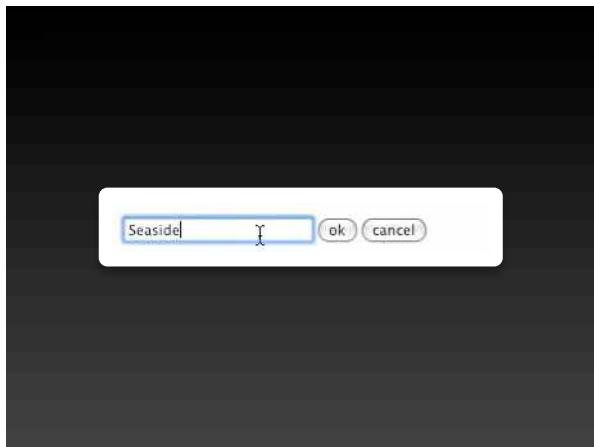
Say it in Smalltalk

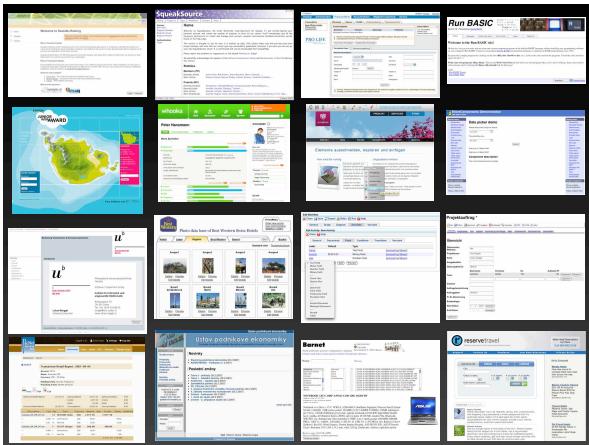
html effect shake



new Effect.Shake(this)

**AJAX Widgets**





## Commercial Success Stories



Try Dabble DB right now  
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Planning starts at \$10 per month for private plans.  
Free for public sites!

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Not sure? Watch our 9-minute demo to see Dabble DB in action.

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Cmsbox – funktioniert einfach.

Das Content Management mit System

100% Inline-Editor

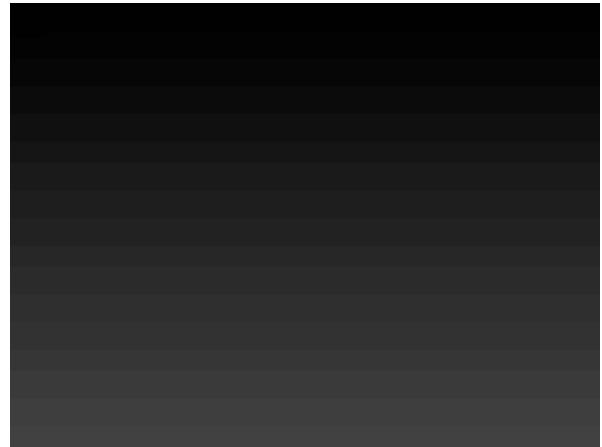
Drag & Drop

Copy / Paste

Eigene Bilder und Videos direkt auf die Webseite laden.



The image shows a screenshot of the auctomatic software interface. The main window displays a grid of eBay listing details. Each row represents a listing with columns for Title, Price, Status, and various performance metrics like Sales, Clicks, and Bids. On the left, there's a sidebar with navigation links for Home, Sign up, Log in, and Help. To the right of the main grid, there's a sidebar with social sharing icons for LinkedIn, Facebook, Twitter, and Google+. Below these are promotional sections for 'Inventory Management' (with a link to 'Data on all of your items'), 'Auctions' (with a link to 'Create great-looking auctions quickly'), and 'Pictures' (with a link to 'Share and sell your images'). At the bottom right, there are two large green buttons: 'Take the tour!' and 'Sign up now'.



The screenshot shows the Seaside website homepage. At the top, there's a navigation bar with links for Home, About, Documentation, News, and a search field. The main title "seaside" is prominently displayed with a star icon. Below the title, the tagline "The framework for developing sophisticated web applications in Smalltalk" is shown. To the left, there's a sidebar with sections for "About" (links to Home, Documentation, News, and a download section), "Community" (links to mailing lists, bug tracking, and documentation), and "Documentation" (links to FAQ, Technical Overview, and User Guide). The main content area features a "Seaside 2.8" release announcement with a download button. It includes a "Unit Tests" chart showing test coverage increasing over time, and a "Recent Changes" section with links to various commit messages. A "navigation" sidebar on the bottom left contains links to "About", "Community", "Documentation", and "Download". A "participate" sidebar on the bottom right contains links to "Join", "Browse", and "Submit". A "manage" sidebar on the bottom right contains links to "Edit", "Browse", and "Submit". The footer contains the "lesueu" logo and a copyright notice.

**CHOOSE** Smart Group for Object-Oriented Systems and Environments

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SIG Beer - Ralf Lämmel - Not quite a sales pitch for C# 3.0 and .NET's LINQ

SIG Beer - Ralf Lämmel - Not quite a sales pitch for C# 3.0 and .NET's LINQ

Lerngruppe: Biologie  
Datum: 9. August 2008 5:32 pm  
Begründung: (automatisch) 11  
Lernzettel: 00000283-Wirkungsweise-angewandte-Mathematik-SAMU-Linienfunktionen  
Erstellen am: 09.08.2008

About Balf Lammel

Ralf Lämmel serves at the faculty of the Department of Computer Science at the University of Minnesota-Lasalle. He was appointed a professorship on July 1, 2007. Prior to that he was an associate professor at the University of Erlangen-Nürnberg (TUM). Ralf Lämmel has worked with Microsoft Corporation where he served as a research and development position with focus on XML technologies, in the years 2001-2004. Ralf Lämmel served on a permanent leave position, at the Free University of Amsterdam, at the Software Engineering department, and he was also affiliated with the Dutch Center for Mathematics and Computer Sciences (CWI) - working in 1998/1999. Ralf Lämmel obtained his PhD in Computer Science from the University of Regensburg (Germany) in December 1998.

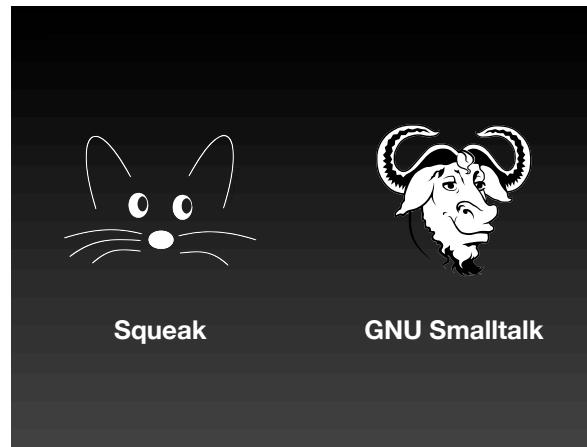
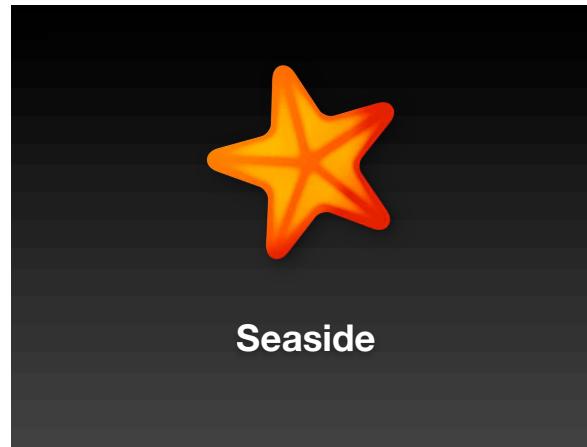
Ralf Lämmel's specialty is "software language engineering" but he is generally interested in many themes of software engineering and programming. His research and teaching interests include

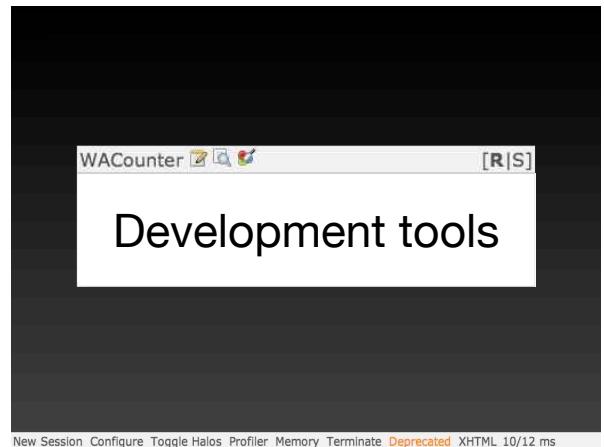
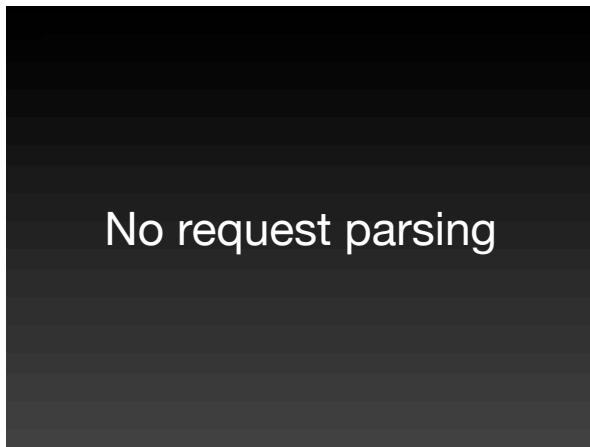
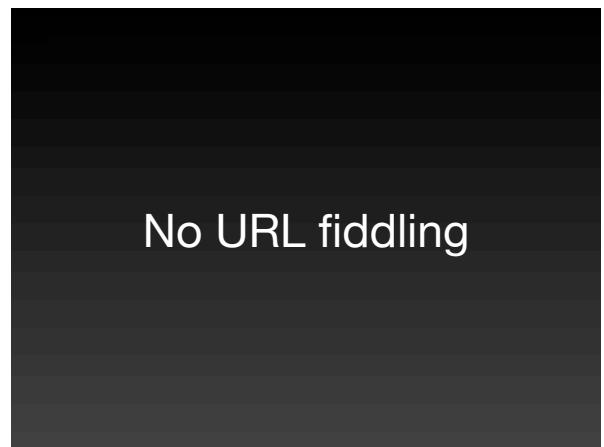
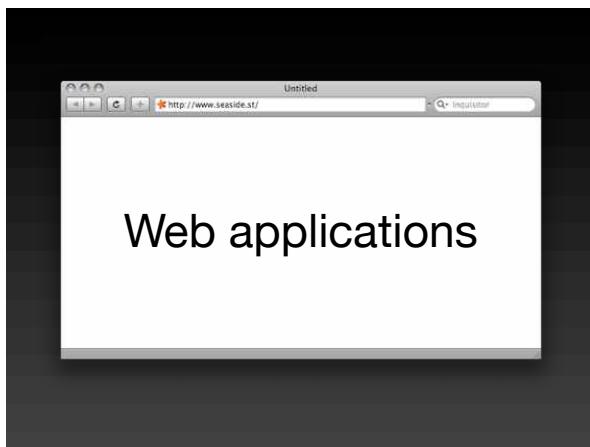
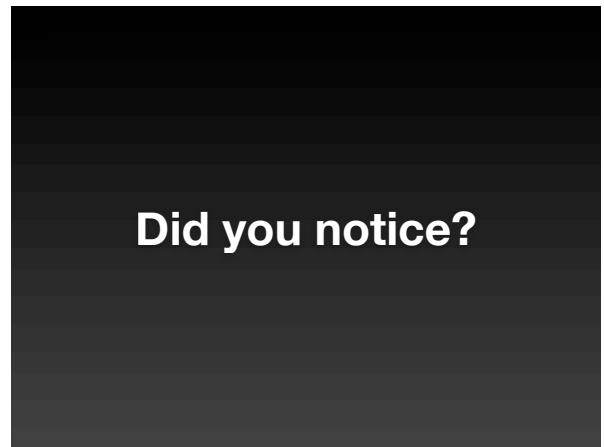
Библиотека ЮУрГУ

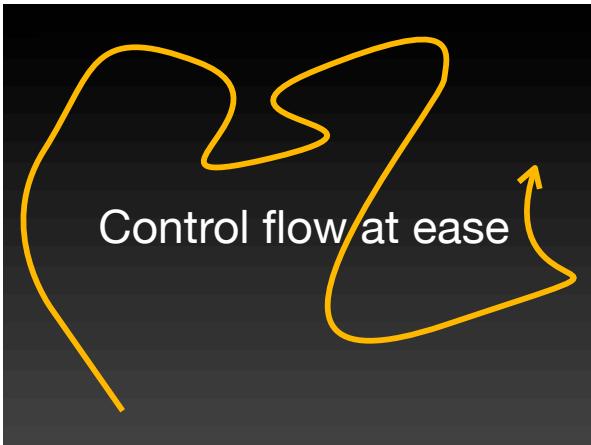
and Phillips went as well—a grammar teacher with a sympathy for the new. It won't remain equal. *Citizen*, 90, 61–62; and *Revolting Rhythms*, 10, 26. XM1. *XM1* is a reference to the *XM-1*—the *Macintosh*—and Hewlett's part will end up working at *Macintosh* for some time, which is good timing because *Macintosh*'s LPIQ, which is good timing. It worked in the *BCA*, *MLL*, *Ling* teams at *Macintosh*. *Revolting Rhythms*, 2010–2012)



<h1>tudor girba</h1> <p>projects, publications, teaching, presentations, blog, cv, refs.</p> <p><small>(you can have your own personal URL, see my self-profile page)</small></p> <h2>who I am</h2> <p>My name is Tudor Girba, Assistant Professor at the University of Illinois at Urbana-Champaign. I received my PhD from the University of Illinois in 2005 and since then I've provided consulting services to many companies (e.g., Intel) as well as a research position through the <a href="#">Software Engineering Institute</a>, a consulting company based at UIUC.</p> <h2>what I do</h2> <p>I <b>research</b> and I <b>publish</b>. My research area is software engineering with focus on reuse. Since 2003, I am one of the main developers and maintainers of <a href="#">HiFi</a>, a highly portable HiFi state model for software reuse analysis and custom analysis based on it. I am the co-author of <a href="#">Modelist</a>, an engine for mapping inheritance requirements that runs in parallel at CPU (10-2000 processors). And since the past 2 years I have been the <a href="#">FAME</a> project lead. In addition to my research projects, I am also part of the team that creates <a href="#">FAMIX</a>. I have recently started a research project that targets the analysis of <a href="#">UML</a> systems.</p> <p>I offer <b>consulting</b>. My expertise covers various software engineering topics like: requirement gathering, reuse analysis, modeling, development process, requirement analysis, software design, user driven development, or project management.</p> <p>I present and I blog about it. I am committed with communication in general, and I blog about presentation, representation and the like. <a href="#">Presentation</a> shows communicating information, representation is about revealing it, and the rest is about what remains.</p> <h2>what I like</h2> <p>I like to talk. A lot. I like to listen, although I sometimes seem I don't. I like to teach. I like to learn. I like to read. I like photography. I like to think about design. I like movies. I like to drive. I like to play video games. I like books. I don't like to take myself too seriously.</p>  <p>Tudor Girba is a man with dark hair and a beard, wearing a light-colored shirt. He is smiling and looking towards the camera.</p> <h2>bloq (ris)</h2> <p>It's a collection of thoughts. It's a place where you can store anything in a private, the more private, the better.</p> <p>During my masters' course I used to record the links from YouTube that I found interesting. I still do that, but now I use <a href="#">Vim</a> to store them. I have thousands of them, so many actually produced.</p> <h2>Something else</h2> <p>What interests me in reading, besides science fiction, is philosophy, history, and political philosophy. When I ...</p> <p>How is what I have about once time it with a TEDx talk? <a href="#">Curious</a>! From the most amazing</p> <h2>NEWS</h2> <p>2008/11/14 I was invited to give the <a href="#">Program Committee of MiDELS 2008</a>.</p> <p>2008/10/14 I was invited to give the <a href="#">Program Committee of FAME 2008</a>.</p> <p>2008/10/01 I will present <a href="#">HiFi</a> at the <a href="#">Program Committee of MiDELS 2008</a>.</p> <p>2007/12/12 I was invited to give the <a href="#">Program Committee of MiDELS 2007</a>.</p> <p>2007/11/15 I was invited to give the <a href="#">Program Committee of MiDELS 2007</a>.</p> <h2>contact</h2> <p><a href="#">tudor@cs.uiuc.edu</a> Andrew Coons Computer Group 1100 West Green Street Urbana-Champaign, IL 61801 <a href="#">http://cs.illinois.edu/~tudor</a> +1 217 333 3544 Twitter: <a href="#">@TudorGirba</a> Google+: <a href="#">https://plus.google.com/u/0/+TudorGirba</a></p>	<p>It's a collection of thoughts. It's a place where you can store anything in a private, the more private, the better.</p> <p>During my masters' course I used to record the links from YouTube that I found interesting. I still do that, but now I use <a href="#">Vim</a> to store them. I have thousands of them, so many actually produced.</p> <p>What interests me in reading, besides science fiction, is philosophy, history, and political philosophy. When I ...</p> <p>How is what I have about once time it with a TEDx talk? <a href="#">Curious</a>! 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--	---







One last thing ...

