

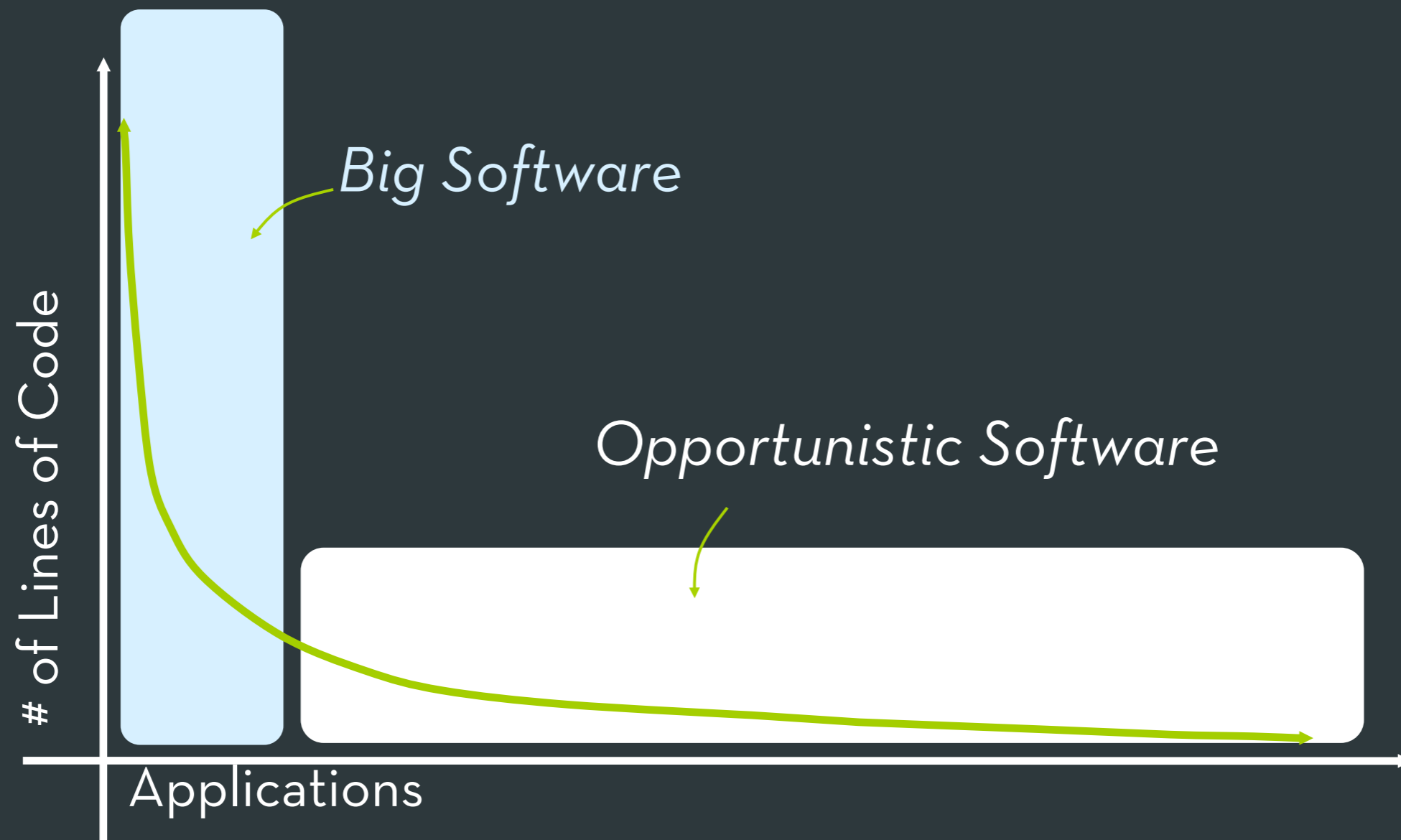
designing for diversity

Scott Klemmer



Scott: a gate that shows who walked through it last
Bill: a gate that measures ceremonial gates

diverse applications





diverse platforms





diverse people

*“good grief, I don’t
even remember the
syntax for forms!”*

Joel Brandt *et al.*

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html forms|

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HTML Forms used to select different kinds of user input. ...
This example illustrates how to create text fields on an HTML page. ...
www.w3schools.com/html/html_forms.asp - 34k -
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[Forms in HTML documents](#)
An HTML form is a section of a document containing normal content, markup, special elements called controls (checkboxes, radio buttons, menus, etc. ...
www.w3.org/TR/html401/interact/forms.html - 138k -
[Cached](#) - [Similar pages](#)

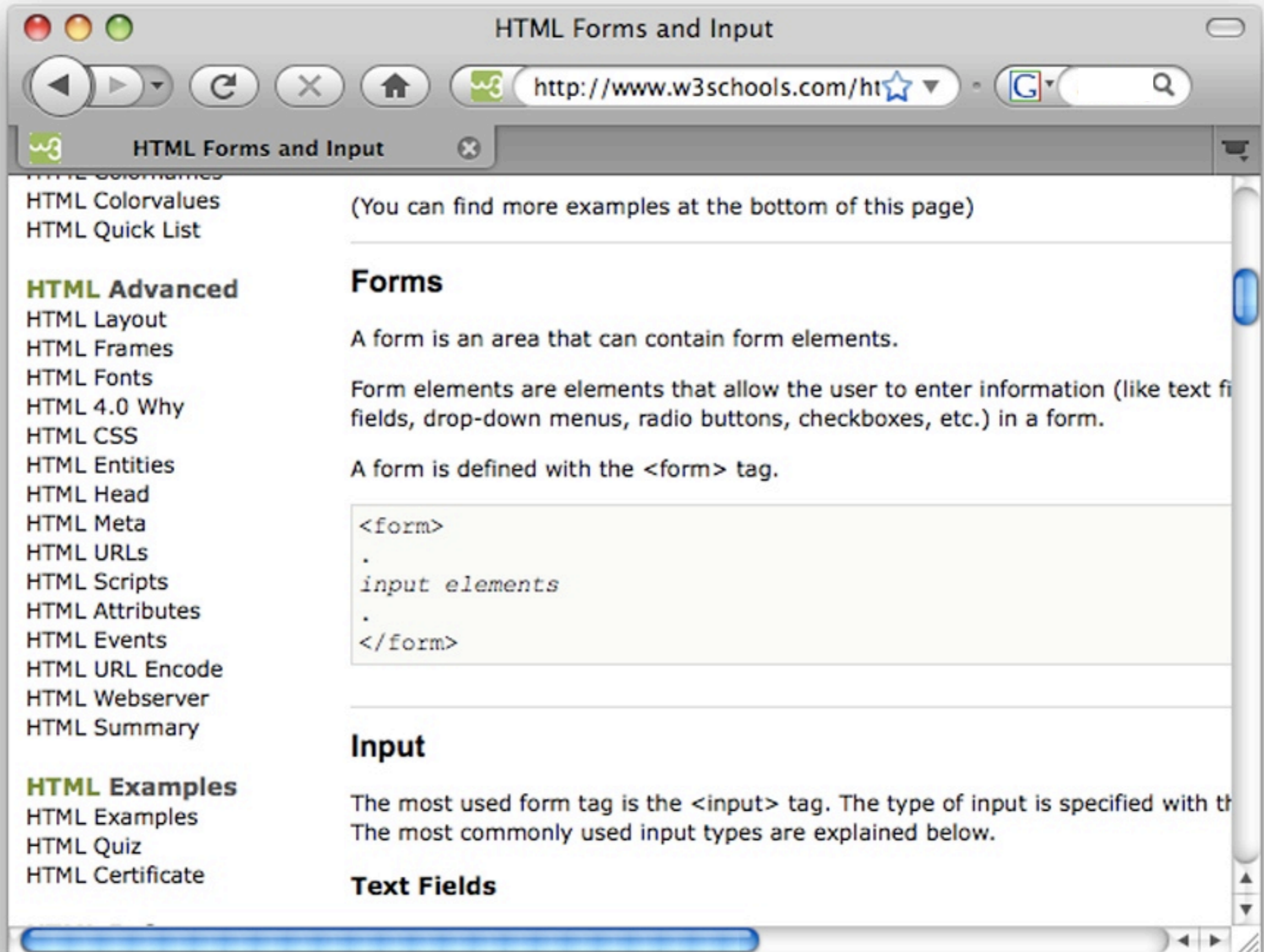
[HTML Tutorial - Forms](#)
An overview of each HTML form type with examples of code for each type of form.

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Build web forms, add validation, & store data. No code required!
www.Ektron.com



HTML Forms and Input

http://www.w3schools.com/ht

The Form's Action Attribute and the Submit Button


When the user clicks on the "Submit" button, the content of the form is sent to the form's action attribute defines the name of the file to send the content to. The form's action attribute usually does something with the received input.

```
<form name="input" action="html_form_submit.asp" method="get"
Username:
<input type="text" name="user" />
<input type="submit" value="Submit" />
</form>
```

How it looks in a browser:

Username:

If you type some characters in the text field above, and click the "Submit" button will send your input to a page called "html_form_submit.asp". The page will show the received input.

 **More Examples**

HTML Forms and Input

http://www.w3schools.com/ht

The Form's Action Attribute and the Submit Button


When the user clicks on the "Submit" button, the content of the form is sent to the form's action attribute defines the name of the file to send the content to. The form's action attribute usually does something with the received input.

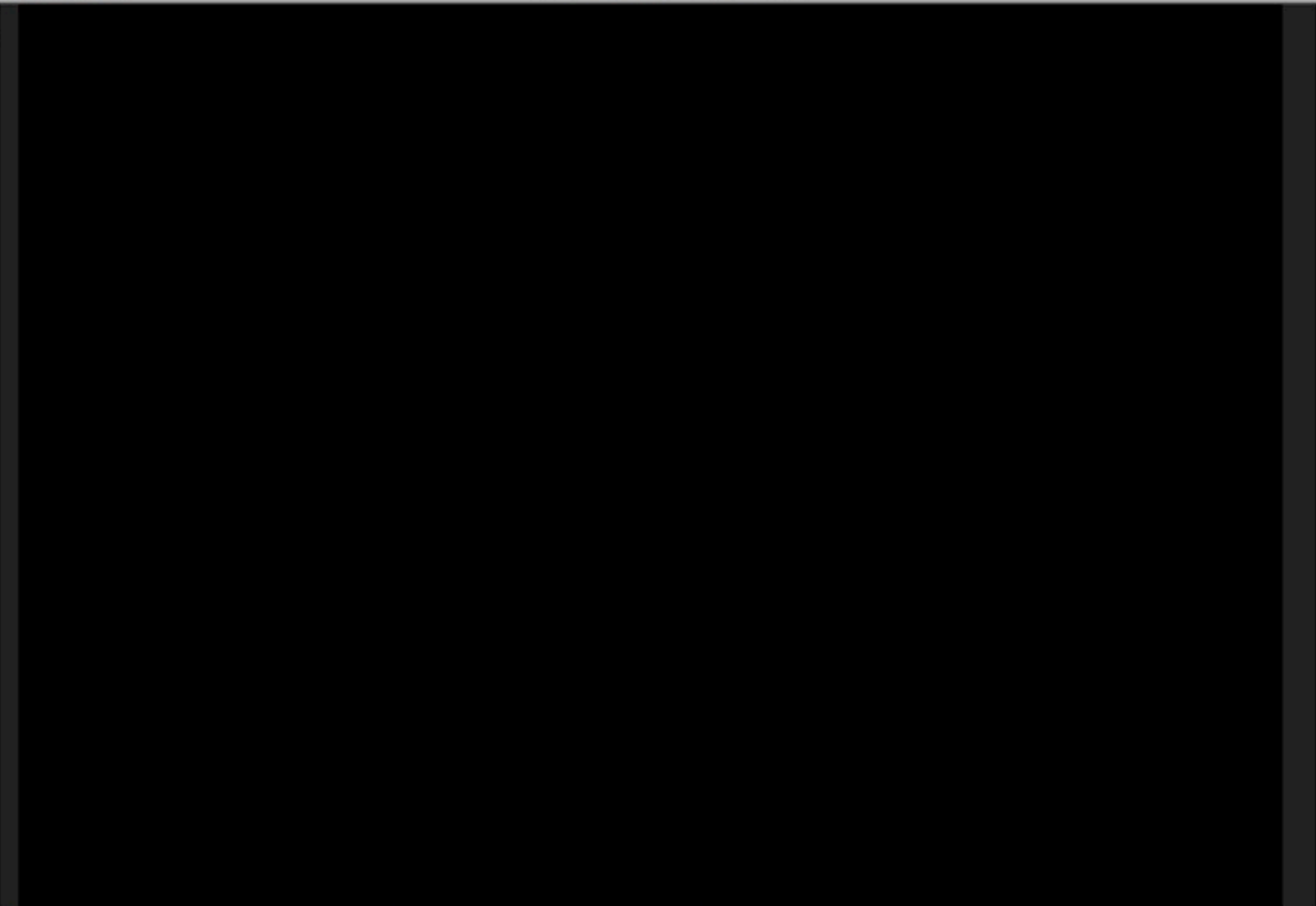
```
<form name="input" action="html_form_submit.asp" method="get"
Username:
<input type="text" name="user" />
<input type="submit" value="Submit" />
</form>
```

How it looks in a browser:

Username:

If you type some characters in the text field above, and click the "Submit" button will send your input to a page called "html_form_submit.asp". The page will show the received input.

 **More Examples**




```
<form name="input" action="html_form_submit.asp" method="get">  
Username:  
<input type="text" name="user" />  
<input type="submit" value="Submit" />  
</form>
```

```
<h1>My Awesome Chatroom</h1>
<form name="input" action="html_form_submit.asp" method="get">
<textarea></textarea><br>
Username:
<input type="text" name="user" />
<br>Message:
<input type="text" name="msg" />
<input type="submit" value="Submit" />
</form>
```


My Awesome Chatroom

file:///Users/jbrandt/chat.php

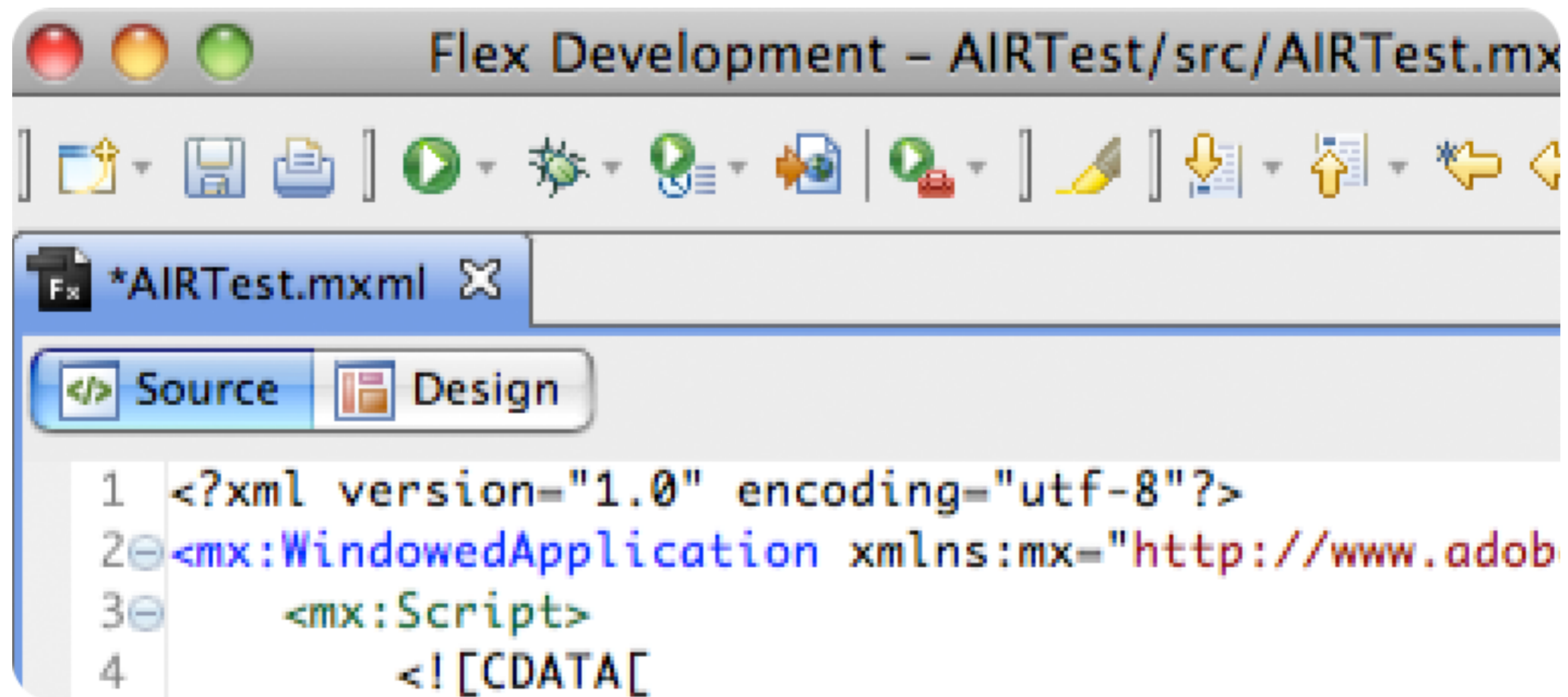
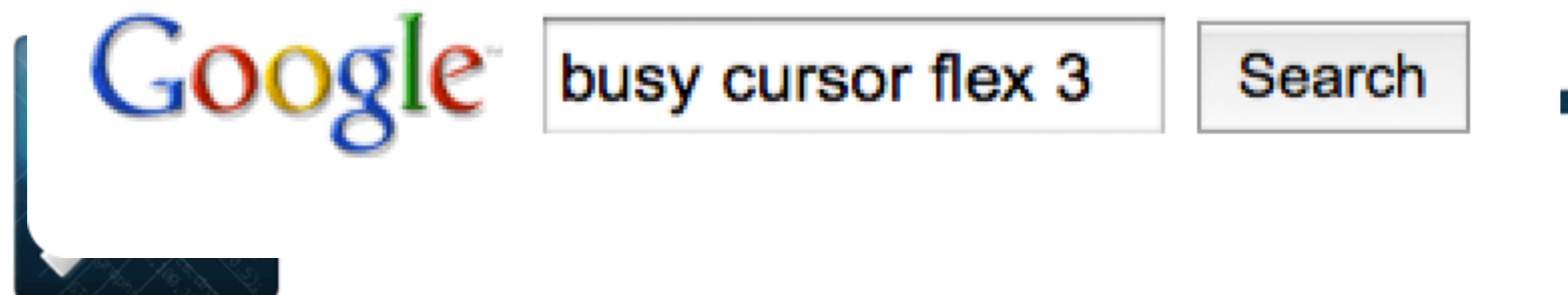
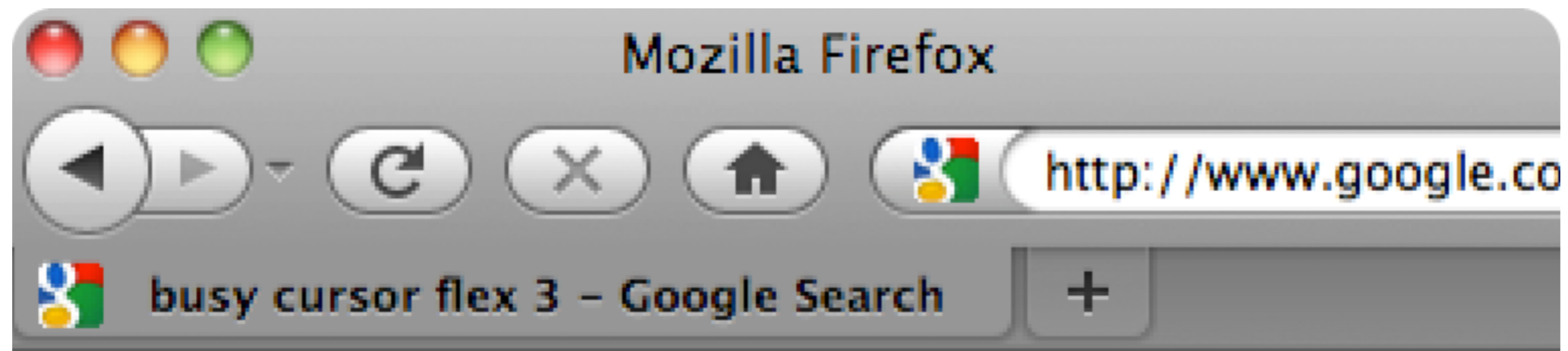
My Awesome Chatroom

My Awesome Chatroom

Username:

Message:

The Web lowers the costs of creating, sharing, and accessing examples



Flex Navigator

- AIRTest
 - bin-debug
 - libs
 - src
 - AIRTest.mxml
 - AIRTest-app.xml

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <mx:WindowedApplication xmlns:mx="http://www.adobe.com/2006/mxml" layout="absolute" applicationComplete="
3   <mx:Script>
4     <![CDATA[
5       private function loadData():Boolean {
6         |
7         return true;
8       }
9     ]]>
10  </mx:Script>
11 </mx:WindowedApplication>
12

```

Outline

- WindowedApplication
 - Script

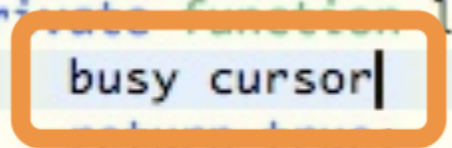
Problems

0 errors, 0 warnings, 0 infos

Description	Resource	Path	Location

Source Design

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <mx:WindowedApplication xmlns:mx="http://www.adobe.com/2006/mxml" layout="absolute" applicat
3 <mx:Script>
4     <![CDATA[
5         private function loadData():Boolean {
6             busy cursor|
7             return true;
8         }
9     ]]>
10 </mx:Script>
11 </mx:WindowedApplication>
12
```




Problems

0 errors, 0 warnings, 0 infos

Description	Resource	Path	Location
-------------	----------	------	----------

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <mx:WindowedApplication xmlns:mx="http://www.adobe.com/2006/mxml" layout="absolute" applicat
3 <mx:Script>
4     <![CDATA[
5         private function loadData():Boolean {
6             busy cursor
7             return true
8         }
9     ]]>
10 </mx:Script>
11 </mx:WindowedApplication>
12
```

busy cursor 

0 errors, 0 warnings, 0 infos

Description	Resource	Path	Location
-------------	----------	------	----------


```

1 <?xml version="1.0"
2 <mx:WindowedApplicat
3 <mx:Script>
4 <![CDATA[
5     private
6     busy
7     retu
8     }
9     ]]>
10 </mx:Script>
11 </mx:WindowedApplica
12

```

busy cursor

busy cursor

Flex 3 - Using a busy cursor

http://livedocs.adobe.com/flex/3/html/cursormgr_4.html

You can modify the example in Creating and removing a cursor to use the default busy cursor. The following example shows:

```

<?xml version="1.0"?>
<!-- cursors\DefBusyCursorApp.mxml -->
<mx:Application xmlns:mx="http://www.adobe.com/2006/mxml">

    <mx:Script>
        <![CDATA[
            import mx.managers.CursorManager;
            import flash.events.*;

            private function initImage(event:MouseEvent):void {
                CursorManager.setBusyCursor();
                image1.load("../assets/DSC00034.jpg");
            }

            private function loadComplete(event:Event):void {
                CursorManager.removeBusyCursor();
            }

        ]]>

```

Problems

0 errors, 0 warnings, 0 infos

Description

```

1 <?xml version="1.0"
2 <mx:WindowedApplicat
3 <mx:Script>
4 <![CDATA[
5     private
6     busy
7     retu
8     }
9     ]]>
10 </mx:Script>
11 </mx:WindowedApplica
12

```

busy cursor

busy cursor

Flex 3 - Using a busy cursor

http://livedocs.adobe.com/flex/3/html/cursormgr_4.html

You can modify the example in Creating and removing a cursor to use the default busy cursor following example shows:

```

<?xml version="1.0"?>
<!-- cursors\DefBusyCursorApp.mxml -->
<mx:Application xmlns:mx="http://www.adobe.com/2006/mxml">


    <mx:Script>
        <![CDATA[
            import mx.managers.CursorManager;
            import flash.events.*;

            private function initImage(event:MouseEvent):void {
                CursorManager.setBusyCursor();
                image1.load("../assets/bse00054.jpg");
            }

            private function loadComplete(event:Event):void {
                CursorManager.removeBusyCursor();
            }

        ]]>

```

Problems 

0 errors, 0 warnings, 0 infos

Description

Source Design

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <mx:WindowedApplication xmlns:mx="http://www.adobe.com/2006/mxml" layout="absolute" applicat
3 <mx:Script>
4     <![CDATA[
5         private function loadData():Boolean {
6             //@query:'busy cursor'
7             //@source: http://livedocs.adobe.com/flex/3/html/cursormgr_4.html
8             CursorManager.setBusyCursor();
9
10            return true;
11        }
12    ]]>
13 </mx:Script>
14 </mx:WindowedApplication>
15
```

Problems

0 errors, 0 warnings, 0 infos

Description

Resource

Path

Location


```
1 <?xml version="1.0" encoding="utf-8"?>
2 <mx:WindowedApplication xmlns:mx="http://www.adobe.com/2006/mxml" layout="absolute" applicat
3 <mx:Script>
4     <![CDATA[
5         private function loadData():Boolean {
6             //@query:'busy cursor'
7             //@source: http://livedocs.adobe.com/flex/3/html/cursormgr_4.html
8             CursorManager.setBusyCursor();
9
10
11
12             return true;
13         }
14     ]]>
15 </mx:Script>
16 </mx:WindowedApplication>
17
```

0 errors, 0 warnings, 0 infos

Description	Resource	Path	Location
-------------	----------	------	----------

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <mx:WindowedApplication xmlns:mx="http://www.adobe.com/2006/mxml" layout="absolute" applicat
3 <mx:Script>
4     <![CDATA[
5         private function loadData():Boolean {
6             //@query:'busy cursor'
7             //@source: http://livedocs.adobe.com/flex/3/html/cursormgr_4.html
8             CursorManager.setBusyCursor();
9
10            URL|
11
12            return true;
13        }
14    ]]>
15 </mx:Script>
16 </mx:WindowedApplication>
17
```

0 errors, 0 warnings, 0 infos

Description	Resource	Path	Location
-------------	----------	------	----------

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <mx:WindowedApplication xmlns:mx="http://www.adobe.com/2006/mxml" layout="absolute" applicat
3 <mx:Script>
4   <![CDATA[
5     private function loadData():Boolean {
6       //@query:'busy cursor'
7       //@source: http://livedocs.adobe.com/flex/3/html/cursormgr_4.html
8       CursorManager.setBusyCursor();
9
10      URL
11      ret
12      }
13    ]]>
14  </mx:Script>
15 </mx:WindowedApplic
16
17

```

- url
- ⊗ URLLoader
- ⊗ URLLoaderDataFormat
- ⊗ URLMonitor
- ⊗ URLRequest
- ⊗ URLRequestDefaults
- ⊗ URLRequestHeader
- ⊗ URLRequestMethod
- ⊗ URLStream
- ⊗ URLUtil


```

1 <?xml version="1.0" encoding="utf-8"?>
2 <mx:WindowedApplication xmlns:mx="http://www.adobe.com/2006/mxml" layout="absolute" applicat
3 <mx:Script>
4   <![CDATA[
5     private function loadData():Boolean {
6       //@query:'busy cursor'
7       //@source: http://livedocs.adobe.com/flex/3/html/cursormgr_4.html
8       CursorManager.setBusyCursor();
9
10      URL
11      ret
12      }
13    ]]>
14  </mx:Script>
15 </mx:WindowedApplic
16
17

```

- url
- Ⓞ URLLoader
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- Ⓞ URLRequestHeader
- Ⓞ URLRequestMethod
- Ⓞ URLStream
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```
1 <?xml version="1.0" encoding="utf-8"?>
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3 <mx:Script>
4     <![CDATA[
5         private function loadData():Boolean {
6             //@query:'busy cursor'
7             //@source: http://livedocs.adobe.com/flex/3/html/cursormgr_4.html
8             CursorManager.setBusyCursor();
9
10            URLLoader|
11
12            return true;
13        }
14    ]]>
15 </mx:Script>
16 </mx:WindowedApplication>
17
```

0 errors, 0 warnings, 0 infos

Description	Resource	Path	Location
-------------	----------	------	----------


```

1 <?xml version="1.0"
2 <mx:WindowedApplicat
3 <mx:Script>
4 <![CDATA[
5     private
6         //@q
7         //@s
8         Curs
9
10        URLL
11
12        retu
13    }
14    ]]>
15 </mx:Script>
16 </mx:WindowedApplica
17

```

URLLoader

URLLoader

flash.net.URLLoader

<http://livedocs.adobe.com/flex/3/langref/flash/net/URLLoader.html>

Flex 3 - Working with external data

http://livedocs.adobe.com/flex/3/html/17_Networking_and_communications_3.html


Warning: The code example below may contain security vulnerabilities. To learn more about writing Flash/Flex code, please read the [following article](#)

For example, to upload an XML packet to a server-side script, you could use the following ActionScript 3.0 code:

```

var secondsUTC:Number = new Date().time;
var dataXML:XML =
    <login>
        <time>{secondsUTC}</time>
        <username>Ernie</username>
        <password>guru</password>
    </login>;
var request:URLRequest = new URLRequest("http://www.yourdomain.com/login");
request.contentType = "text/xml";
request.data = dataXML.toXMLString();
request.method = URLRequestMethod.POST;
var loader:URLLoader = new URLLoader();
try

```

Problems 

0 errors, 0 warnings, 0 infos

Description


```

1 <?xml version="1.0"
2 <mx:WindowedApplicat
3 <mx:Script>
4 <![CDATA[
5     private
6         //@q
7         //@s
8         Curs
9
10        URLL
11
12        retu
13    }
14    ]]>
15 </mx:Script>
16 </mx:WindowedApplica
17

```

URLLoader

URLLoader

Flex 3 - Working with external data

http://livedocs.adobe.com/flex/3/html/17_Networking_and_communications_3.html

Warning: The code example below may contain security vulnerabilities. To learn more about writing Flash/Flex code, please read the [following article](#)


The following code demonstrates how setting the `URLLoader.dataFormat` property to `URLLoaderDataFormat.VARIABLES` allows you to automatically parse loaded data into a `URLVariables` object:

```

package
{
    import flash.display.Sprite;
    import flash.events.*;
    import flash.net.URLLoader;
    import flash.net.URLLoaderDataFormat;
    import flash.net.URLRequest;

    public class URLLoaderDataFormatExample extends Sprite
    {
        public function URLLoaderDataFormatExample()
        {
            var request:URLRequest = new URLRequest("http://www.[yourdo
            var variables:URLVariables = new URLVariables();

```

Problems 

0 errors, 0 warnings, 0 infos

Description


```

1 <?xml version="1.0"
2 <mx:WindowedApplicat
3 <mx:Script>
4 <![CDATA[
5     private
6         //@q
7         //@s
8         Curs
9
10        URLL
11
12        retu
13    }
14    ]]>
15 </mx:Script>
16 </mx:WindowedApplica
17

```


URLLoader

URLLoader

```

public class ExternalDocs extends Sprite
{
    public function ExternalDocs()
    {
        var request:URLRequest = new URLRequest("http://www.[yourdo
        var loader:URLLoader = new URLLoader();
        loader.addEventListener(Event.COMPLETE, completeHandler);
        try
        {
            loader.load(request);
        }
        catch (error:ArgumentError)
        {
            trace("An ArgumentError has occurred.");
        }
        catch (error:SecurityError)
        {
            trace("A SecurityError has occurred.");
        }
    }
    private function completeHandler(event:Event):void
    {
        var dataXML:XML = XML(event.target.data);
        trace(dataXML.toXMLString());
    }
}

```

Problems 

0 errors, 0 warnings, 0 infos

Description

busy cursor


← back

busy cursor Dock this query

```
width="100"
scaleContent="true"
complete="loadComplete(event);"/>

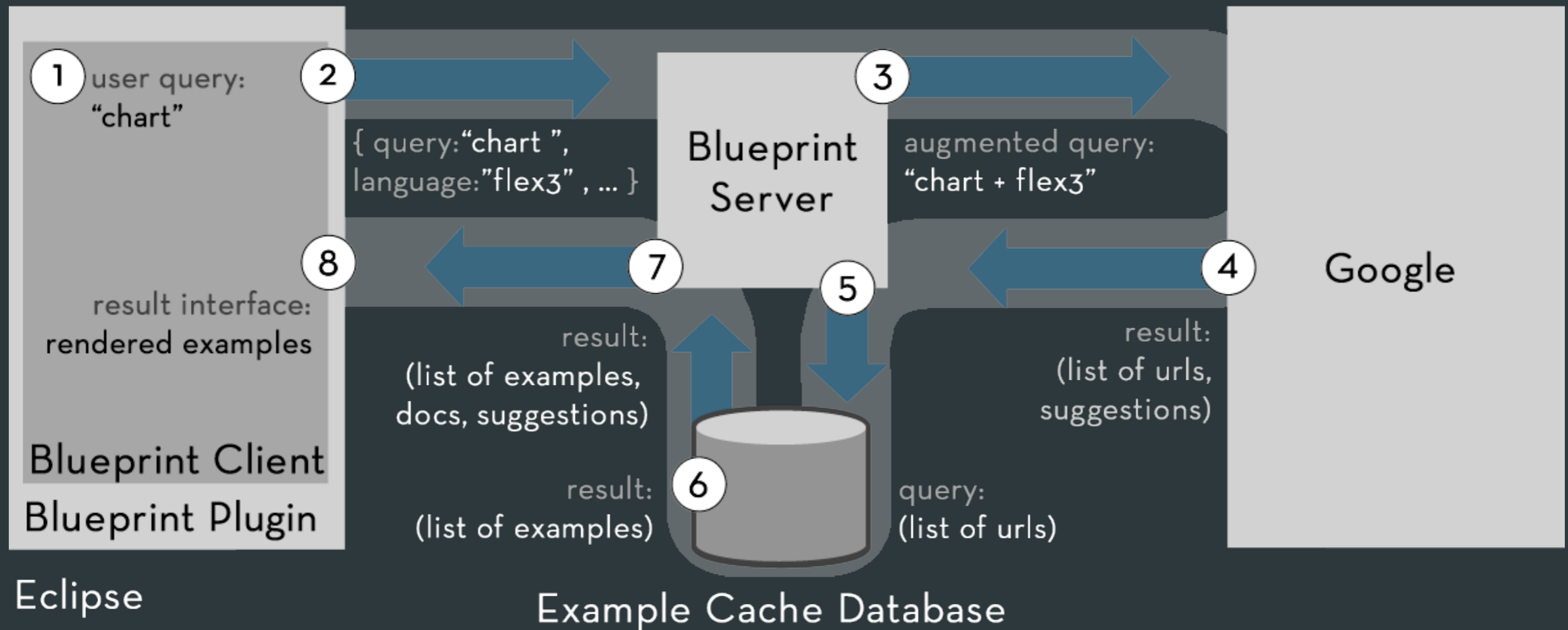
<!-- Button triggers the load. -->
<mx:Button id="myButton" label="Show" click="initImage(e'
</mx:VBox>
</mx:Application>
```

The executing SWF file for the previous example is shown below:



Blueprint's content is
written as examples

Blueprint Query Handling



Does example-centric search affect quality and efficiency?

- Between-subjects study w/ Flex programmers (n=20)
“retrieve text from a URL and place it in a text box”
- Same tools. Only difference is Blueprint.
- **Faster example finding -> faster programming** ($p < .01$)
- **...and the code was rated higher quality!** ($p < .02$)

Does example-centric search change how programmers work?

- Released on Adobe Labs (since May 2009)
- Logged queries and interface actions
- Analyzed logs after 3 months
 - Conducted interviews to generate hypotheses
 - Compared Blueprint logs to Adobe Community Help logs from the same period
 - Blueprint: 17,012 queries from 2,024 users
 - Community Help: 26,036 queries from 13,283 users

Results

- Example results often show sufficient information. People click through less often.
- Blueprint users query with code more often
- The time cost of finding examples is lower in Blueprint. People will re-find more often.

“Only through imitation do we
develop toward originality”

John Steinbeck

Bonnie E. John

Professor

[Carnegie Mellon University](#)
[Human-Computer Interaction Institute](#)
5000 Forbes Avenue
Pittsburgh, PA 15213

Voice:(412) 268-7182
Fax:(412)268-1266
Support staff:(412) 268-7099



Office: 3521 Newell-Simon Hall

E mail: bej@cs.cmu.edu

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[RESEARCH](#)

I am interested in techniques to improve the design of computer systems with respect to their usefulness and usability. To that end, I have investigated the effectiveness and usability of several HCI techniques (e.g., think-aloud usability studies, Cognitive Walkthrough, GOMS) and produced new techniques for bringing usability concerns to the design process (e.g., CPM-GOMS and software architecture evaluation for usability). Much of my work focuses on cognitive modeling, where I work within a unified theory of cognition to develop models of human performance that produce quantitative predictions of performance with less effort than prototyping and user testing. I also work on bridging the gap between HCI and software engineering, specifically including usability concerns in software architecture design.

Two active research projects have their own websites.

[Usability and Software Architecture \(U&SA\)](#)

[The CogTool Project: a Tool for Cognitive Modeling](#)

[TEACHING](#)

I teach courses in HCI design and evaluation methods. I was the Director of the [Master of Human-Computer Interaction Program](#) for almost a dozen years, stepping down in January 2009.

[FULL CURRICULUM VITA \(.pdf\)](#)

content

style

The screenshot shows the Gmail 'Welcome to Gmail' page. At the top left is the Gmail logo with 'by Google' underneath. To its right is a blue header bar with the text 'Welcome to Gmail'. Below the header, the main heading is 'A Google approach to email.' followed by a paragraph: 'Gmail is built on the idea that email can be more intuitive, efficient, and useful. And maybe even fun. After all, Gmail has:'. There are three feature highlights, each with an icon: 'Less spam' (a red 'no' symbol) with the text 'Keep unwanted messages out of your inbox with Google's innovative technology.', 'Mobile access' (a blue mobile phone icon) with the text 'Read Gmail on your mobile phone by pointing your phone's web browser to <http://gmail.com>. [Learn more](#)', and 'Lots of space' (a brown storage box icon) with the text 'Over 7498.024251 megabytes (and counting) of free storage.' Below these is a section titled 'Latest News from the Gmail Blog' with an RSS icon, containing a link '5 tips for using Priority Inbox', the date 'Thu Sep 09 2010', and a short paragraph: 'It's been a week since we launched Priority Inbox, and now that you've hopefully had a chance to try ... [More posts »](#)'. On the right side, there is a 'Sign in with your Google Account' box containing 'Username:' and 'Password:' fields, an example 'ex: pat@example.com', a 'Stay signed in' checkbox, a 'Sign in' button, and a link 'Can't access your account?'. Below that is a 'New to Gmail? It's free and easy.' box with a 'Create an account »' button and links for 'About Gmail' and 'New features!'. At the bottom, a blue footer bar contains the copyright notice '©2010 Google - [Gmail for Business](#) - [Gmail Blog](#) - [Terms & Privacy](#) - [Help](#)'.

The screenshot shows the mint.com login page. At the top left is the mint.com logo with a green leaf icon. To its right are 'Sign Up' and 'Log In' buttons. The main heading is 'log in to mint.com' with a lock icon. Below this are 'Email' and 'Password' input fields. To the right of the input fields are two links: 'Don't have an account? [Sign up now!](#)' and 'Did you forget your password? [Recover it here.](#)'. Below the password field is a 'Remember my email on this computer' checkbox and a 'Log In' button. At the bottom, a green footer bar contains a navigation menu: 'GET HELP | ABOUT US | HOW WE KEEP YOU SAFE | PRIVACY & SECURITY | TERMS OF USE' and a copyright notice: '©2007-2010 Mint Software, Inc. | Build ph2027.27'.

content

Gmail by Google **Welcome to Gmail**

A Google approach to email.
Gmail is built on the idea that email can be more intuitive, efficient, and useful. And maybe even fun. After all, Gmail has:

- Less spam**
Keep unwanted messages out of your inbox with Google's innovative technology.
- Mobile access**
Read Gmail on your mobile phone by pointing your phone's web browser to <http://gmail.com>. [Learn more](#)
- Lots of space**
Over 7498.024251 megabytes (and counting) of free storage.

Sign in with your Google Account
Username:
ex: pat@example.com
Password:
 Stay signed in

[Can't access your account?](#)

Latest News from the Gmail Blog
[5 tips for using Priority Inbox](#)
Thu Sep 09 2010
It's been a week since we launched Priority Inbox, and now that you've hopefully had a chance to try ...
[More posts >](#)

New to Gmail? It's free and easy.

[About Gmail](#) [New features!](#)

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mint.com Sign Up Log In

log in to mint.com

Email:

Don't have an account?
[Sign up now!](#)

Did you forget your password?
[Recover it here.](#)

Password:

Remember my email on this computer

GET HELP | ABOUT US | HOW WE KEEP YOU SAFE | PRIVACY & SECURITY | TERMS OF USE
©2007-2010 Mint Software, Inc. | Build ph2027.27

style

Gmail by Google Sign Up Log In

Sign in with your Google account

Username (ex. pat@example.com)

Password

Can't access your account?
 Stay signed in

A Google approach to email.

- Less spam**
Keep unwanted messages out of your inbox with Google's innovative technology.
- Mobile access**
Read Gmail on your mobile phone by pointing your phone's web browser to <http://gmail.com>. [Learn more](#)
- Lots of space**
Over 7498.024251 megabytes (and counting) of free storage.

GMAIL FOR BUSINESS | GMAIL BLOG | TERMS & PRIVACY | HELP
©2010 Google



How do people map Web pages?

Map Webpages

For the highlighted segment on the left-hand page, find the best corresponding segment on the right-hand page (1 of 18)

Zoom In Zoom Out

Match No Match Restart

Select Enclosing Zoom In Zoom Out

NCAD National College of Art & Design Postgraduate Study



Postgraduate Study

Learn about NCAD's long history and the opportunities for Postgraduate Students here. Practical information regarding college life, partnerships and the NCAD Library are also listed here.



Prospectus

Read the full Postgraduate prospectus for 2009/2010 online, including details regarding Application deadlines and procedures. The Prospectus is also available as a PDF download.



Yearbook 2008

View the Postgraduate Yearbook of the postgraduate research community of NCAD at work though the academic year 2007-08. The image above is a detail of work by Frank Long.

Contact information | NCAD Website | Terms | Site by Conor & David

31THREE The portfolio of Jesse Bennett-Chamberlain

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CREATIVE SERVICES FOR THE DESIGN-CHALLENGED DEVELOPER

As a developer, you're an extremely creative individual. Getting your websites to behave in Internet Explorer is proof enough... you are creative. Even so, you may not have the time or know-how needed to get the design of your site looking as clean as your code. That's OK. I take design as seriously as you take your markup. Have a look around, and get in touch if you think we'd work well together.



CAMPAIGN MONITOR December 2008

Jesse is an incredibly talented designer. He has a knack for transforming even the most mundane requirements into something beautiful.

Dave Greiner Campaign Monitor



MOBILE WEB DESIGN August 2007

Jesse is one of the most gifted and sought-after web designers on the planet. I have no reservation entrusting him with my projects.

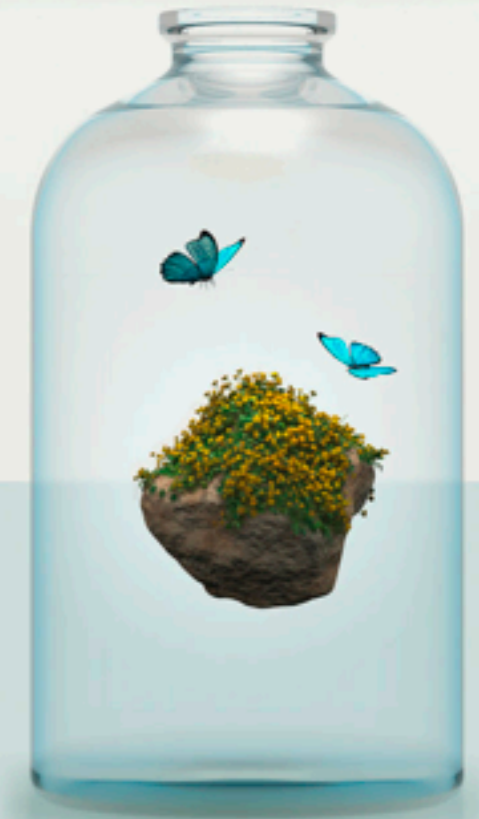
Cameron Moll Cameron Moll Inc.



GLOBE INVESTOR February 2009

What sets Jesse apart is his ability to really hear and understand what is required and from that, produce beautiful work.

Mike Fletch The Globe & Mail

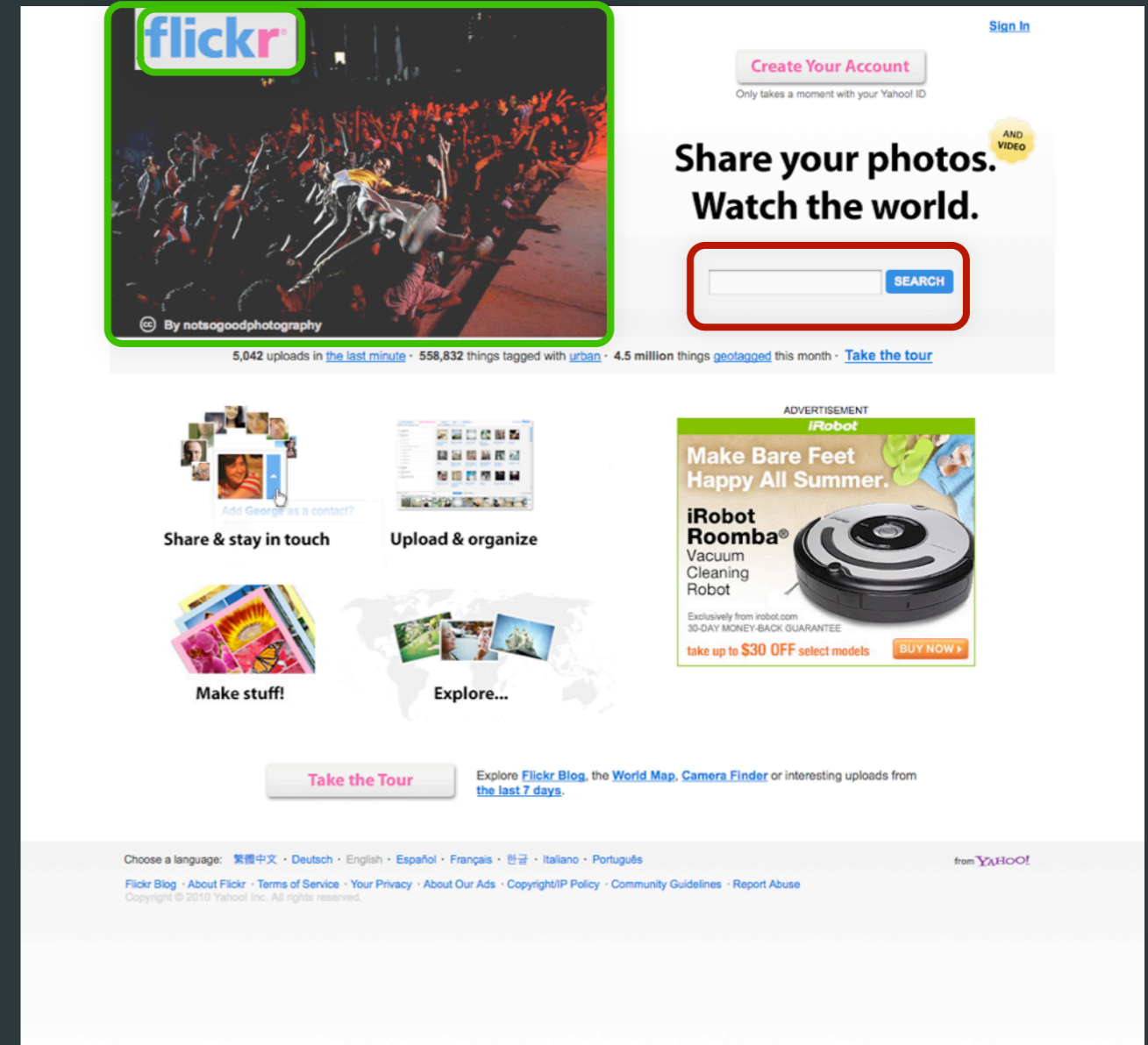
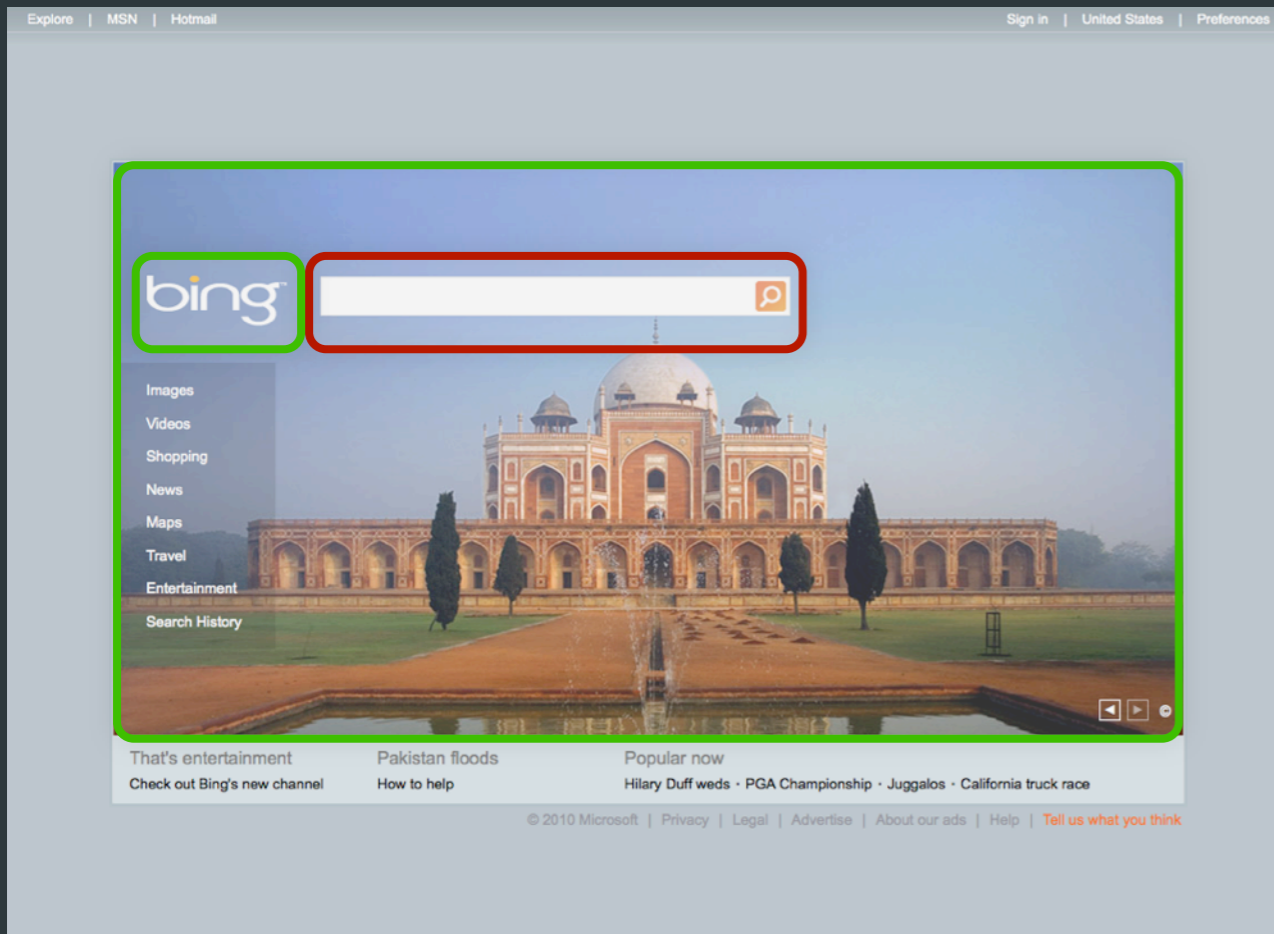


(CREATIVITY BOTTLED FRESH DAILY)

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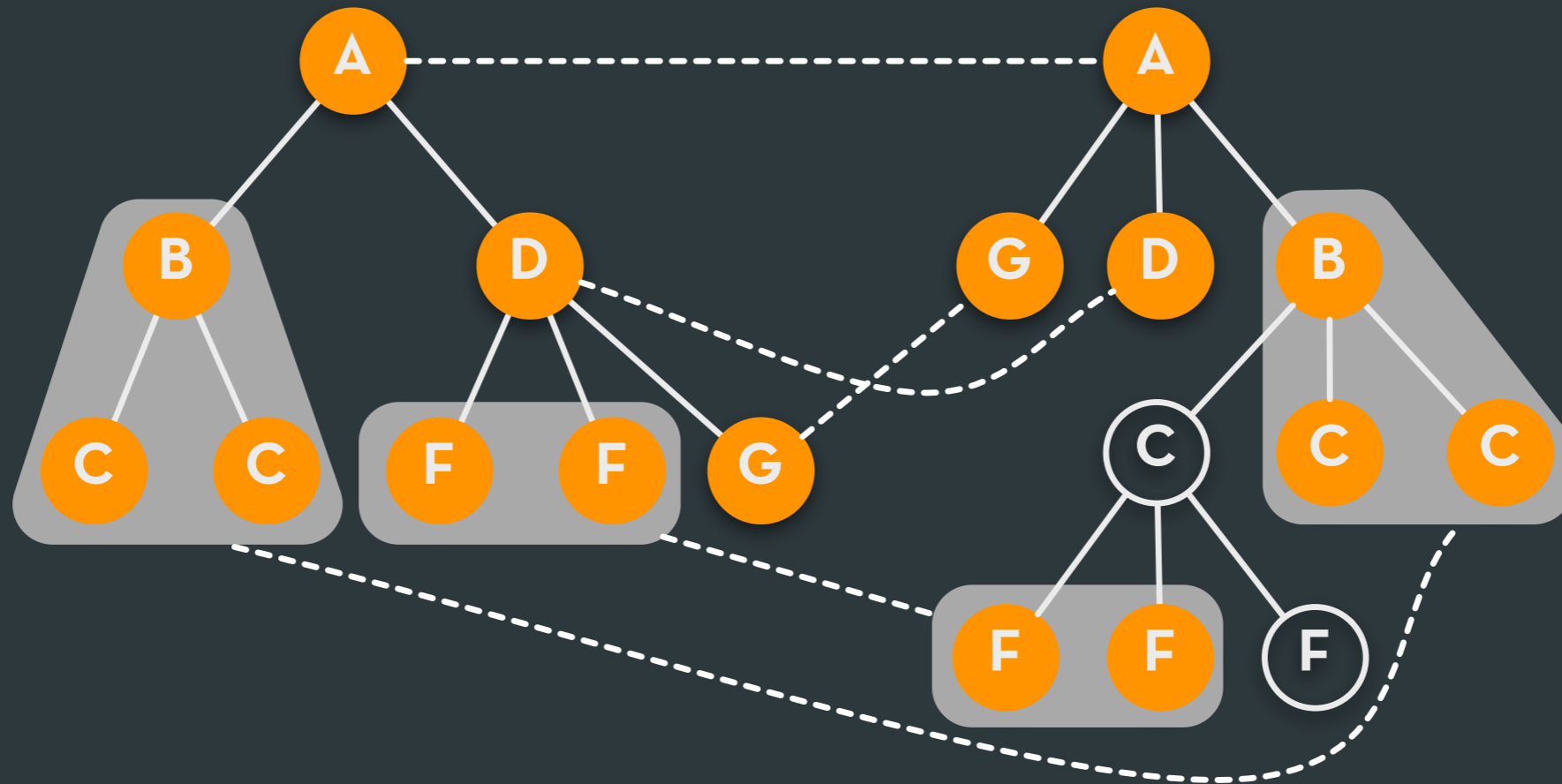
balance
semantic & structural
constraints

TREE MATCHING: TOO RIGID



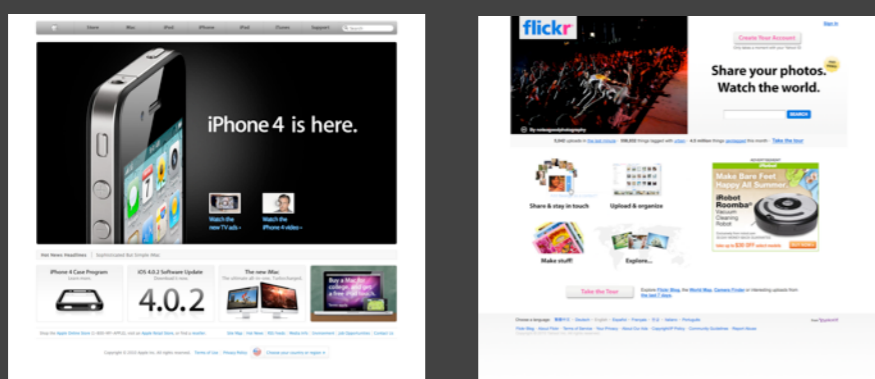
Produces a mapping that rigidly preserves ancestry

FLEXIBLE TREE MATCHING

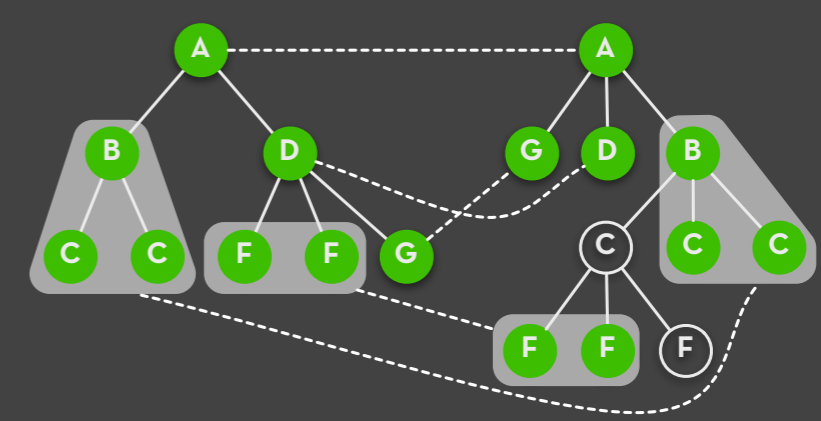


- relaxes rigid ancestry constraint
- semantic, sibling, and ancestry cost model
- see our follow-up paper in IJCAI


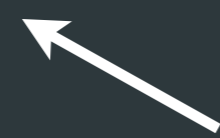
MACHINE LEARNING



randomly pick a training pair



compute flexible tree mapping

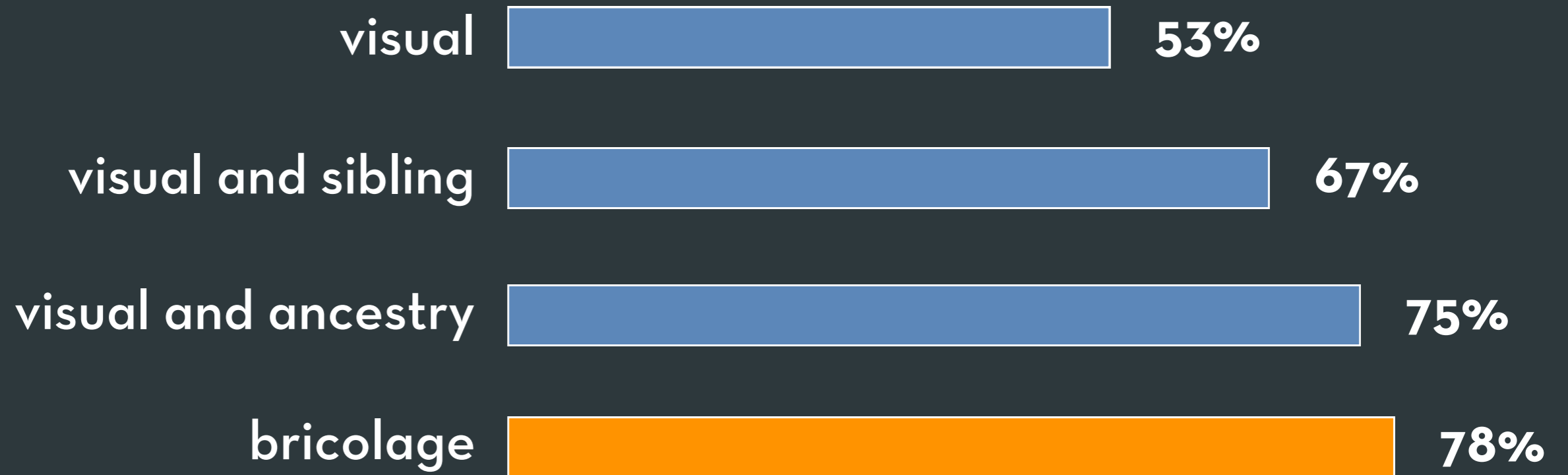


update cost model



[Collins '02]

MACHINE LEARNING RESULTS



rapid prototyping

Welcome to the portfolio of Rik Catlow, Internet Product Designer & Developer.

Creativity + Technology

Developing a product on the web requires many different skill-sets, from information architecture, user interface design, web site design and development, to usability analysis, content management, search engine optimization and more. It's not



Enjoy! — **Rik Catlow**

enough to have a great design or a strong technology platform; these need to be seamlessly integrated. In the last 12 years, I've worked for ground-floor start-ups to multi-national corporations and gained the experience for managing, building and developing web products from concept to launch.



About Rik Catlow

This site is designed, coded and updated by me, Rik Catlow. I live with my wife Wassa, daughter Becca, and a fat tabby cat named Bo in Charlotte, NC. I currently work for Bank of America as Senior Visual Designer. I advocate for web standards, the user and visual design simplicity.

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Contact Info

[Rik Catlow](#) → [Resume](#) / [Linkedin Profile](#)

Email: rikcatindustries@gmail.com

Personal Site: rikcat.com

Twitter: [@rikcat](https://twitter.com/rikcat)

Status: Interested in full-time opportunities

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Rik Catlow → [Resume](#) / [Linkedin Profile](#)
Email: rikcatindustries@gmail.com
Personal Site: rikcat.com
Twitter: [@rikcat](#)
Status: Interested in full-time opportunities



Rikcat Industries

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Spring 2010 jQuery Talks

I gave a number of talks this spring on jQuery and especially on some of the recent additions made in jQuery 1.4. Below are all the slides and demos that I've given.

The conferences / meetups that I spoke at (or will speak at, in the case of MIX), and the talks that I gave, are [...]

24 Comments · **Posted:** March 4th, 2010 · **Tags:** [jquery](#), [speaking](#), [talks](#), [workshop](#)

.closest(Array) in jQuery 1.4

A new method signature is slated for jQuery 1.4: .closest(Array). It builds upon the previous .closest() method and hyper-optimizes the logic needed for handling event delegation (and live events).

closest() (and by extension, is()) has become a critical function in jQuery. With more people using live events reducing any overhead has become of the utmost importance. [...]

50 Comments · **Posted:** December 18th, 2009 · **Tags:** [closest](#), [live](#), [jquery](#)

.nodeName Case Sensitivity

When working with the DOM .nodeName property there are two hard-and-fast rules that most people abide by:

The node names of HTML elements are always uppercase, even if they're explicitly created using lowercase characters. <html> will result in a .nodeName === "HTML" (see the HTML 5 draft).

The node names of XML elements are always in the [...]

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Secret techniques of top JavaScript programmers.



Pro JavaScript

The best techniques for professional JavaScript. Published by Apress.

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Spring 2010 jQuery

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The conferences / meetings / talks that I gave, are listed below.

24 Comments · Posted: November 24th, 2009 · Tags: dom, javascript, browsers

.closest(Array) in jQuery 1.4

A new method signature is slated for jQuery 1.4: .closest(Array). It builds upon the previous .closest() method and hyper-optimizes the logic needed for handling event delegation (and live events). closest() (and by extension, is()) has become a critical function in jQuery. With more people using live events reducing any overhead because of the "trickiness" of the .closest() method.

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50 Comments · Posted: November 17th, 2009 · Tags: analysis, performance, tracing, ie, tools

.nodeName Case

When working with the DOM, most people abide by the convention of using lowercase node names.

The node names of HTML elements created using lowercase are the HTML 5 draft). The node names of XML elements are uppercase.

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JavaScript Secrets

Secret techniques of top JavaScript programmers.

JavaScript

Secret techniques for professional JavaScript. Edited by Apress.

JavaScript

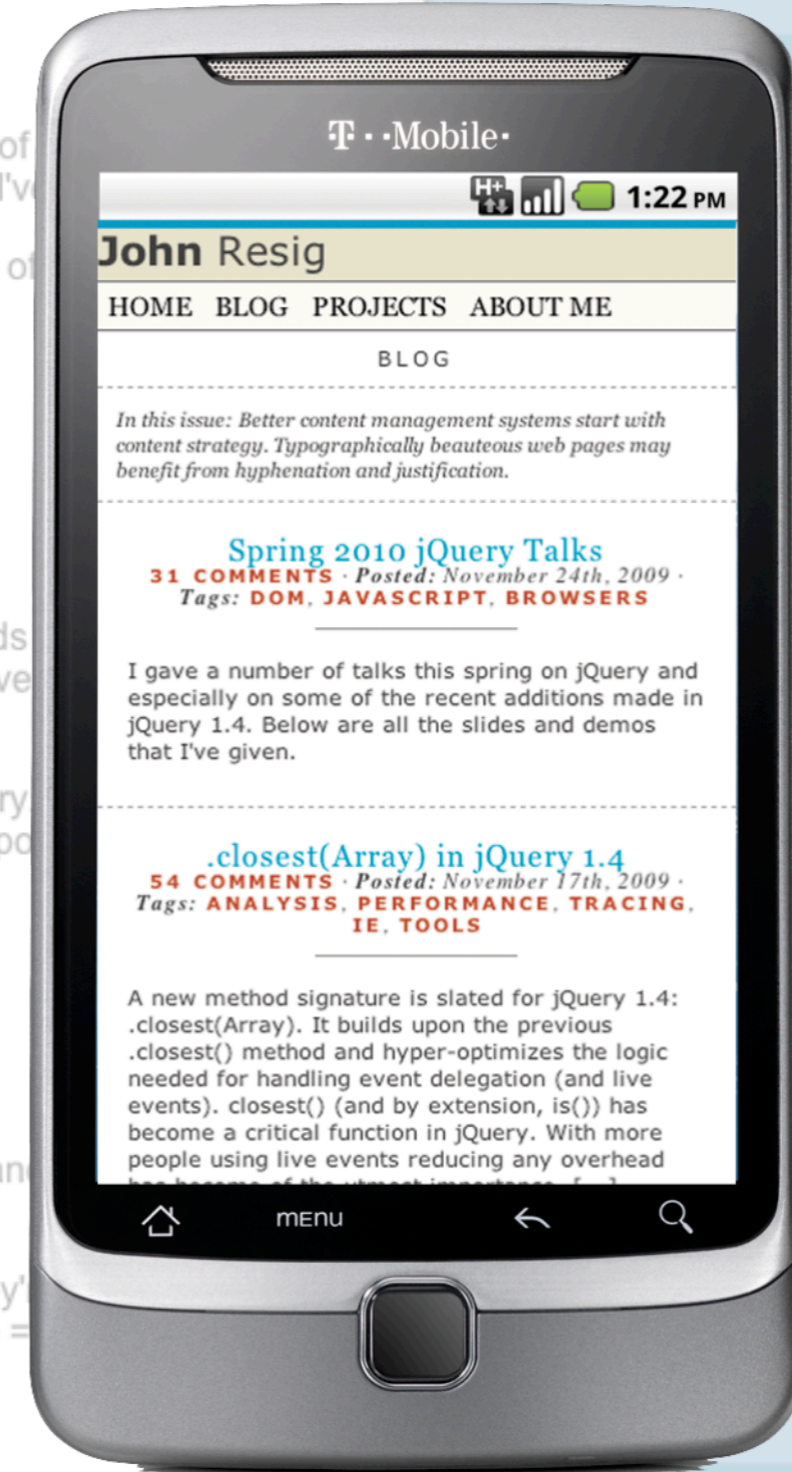
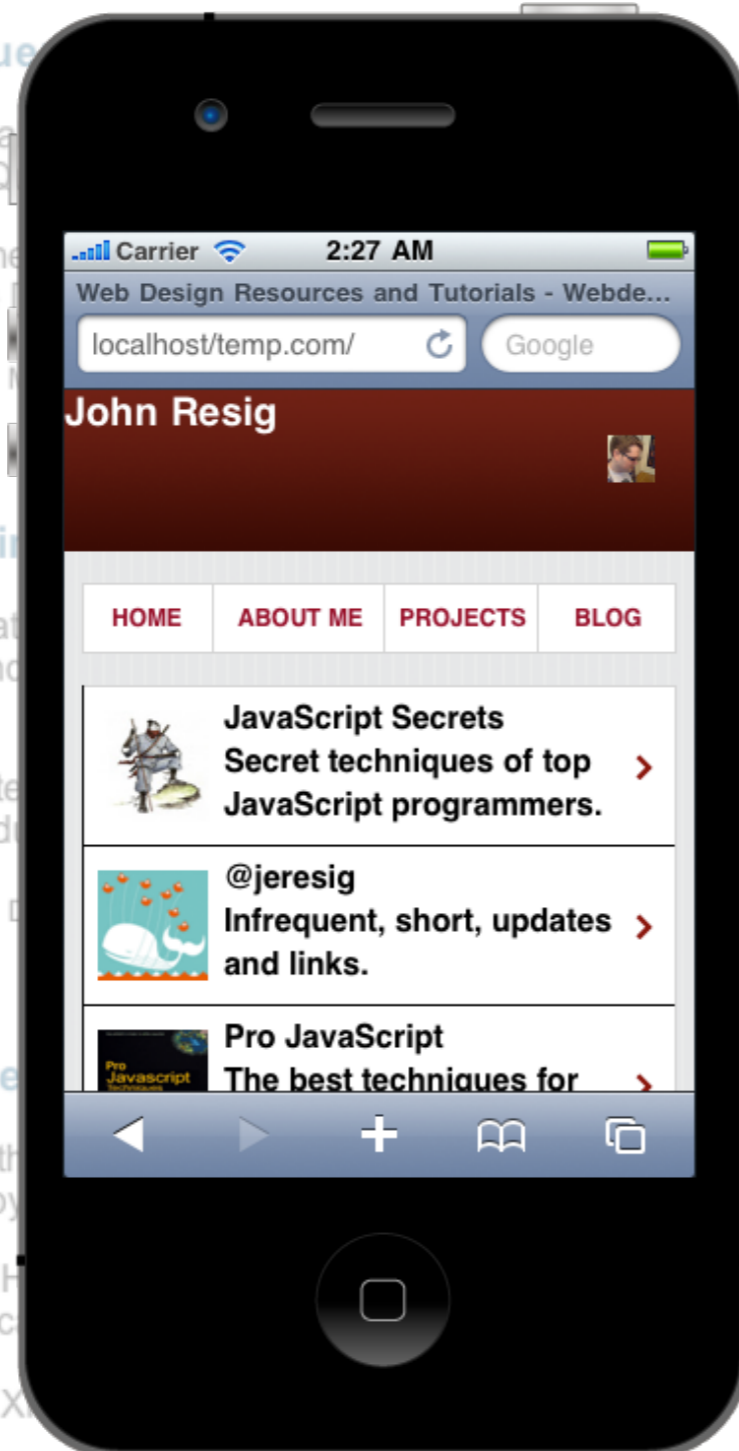
JavaScript

JavaScript, short, updates

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Joel Brandt,
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*CHI09, CHI10, IEEE09,
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