

Rapid Prototyping

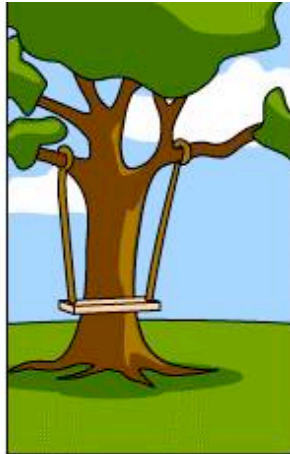
An Overview of Methods

Presented by Kelly Goto

kelly@gotomedia.com



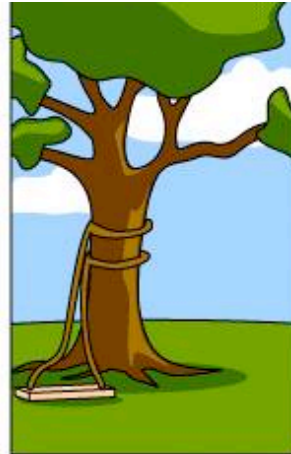
How the customer explained it



How the Project Leader understood it



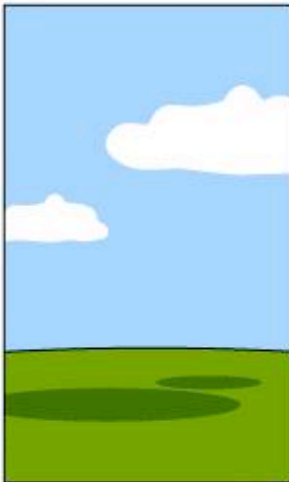
How the Analyst designed it



How the Programmer wrote it



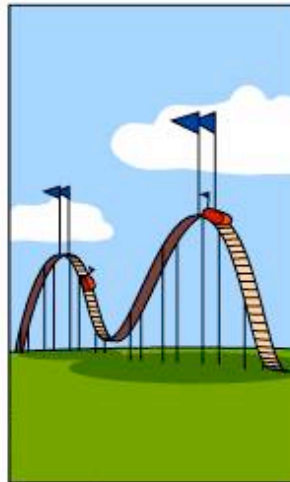
How the Business Consultant described it



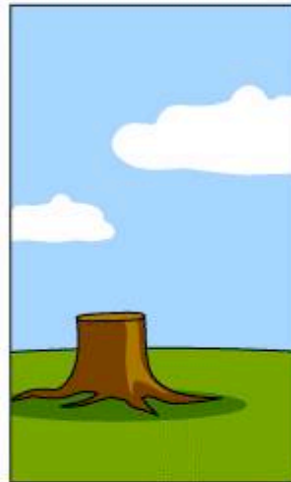
How the project was documented



What operations installed



How the customer was billed



How it was supported



What the customer really needed

“Optimism is an occupational hazard of programming, feedback is the treatment.”

Kent Beck, author of Extreme Programming



prototyping methods



low-fidelity → mid-fidelity → high-fidelity

sketches/
paper prototypes

semi-functional
visio/PDF/flash

fully-functional
in-framework

low-fidelity → mid-fidelity → high-fidelity

sketches/
paper prototypes

semi-functional
visio/PDF/flash

fully-functional
in-framework

Paper

Visio

RoR (Rails)

Adobe PDF

Flash

.NET

Powerpoint

HTML click-thru

Zope/Plone

gather requirements
(establish the approach)



contextual interviews

structure
(create ideal user experience)



**Prototype/
usability testing**

design & test
(build, test, iterate)



verification testing

release
(streamline & communicate)

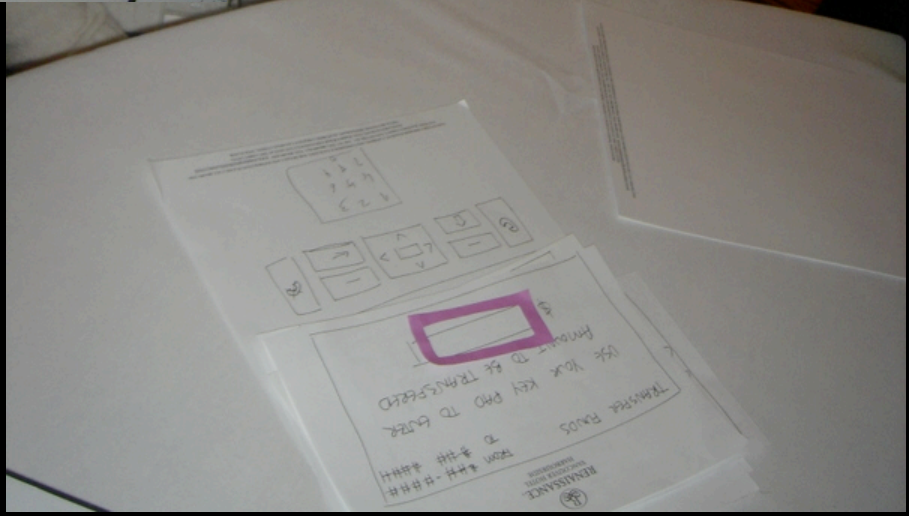
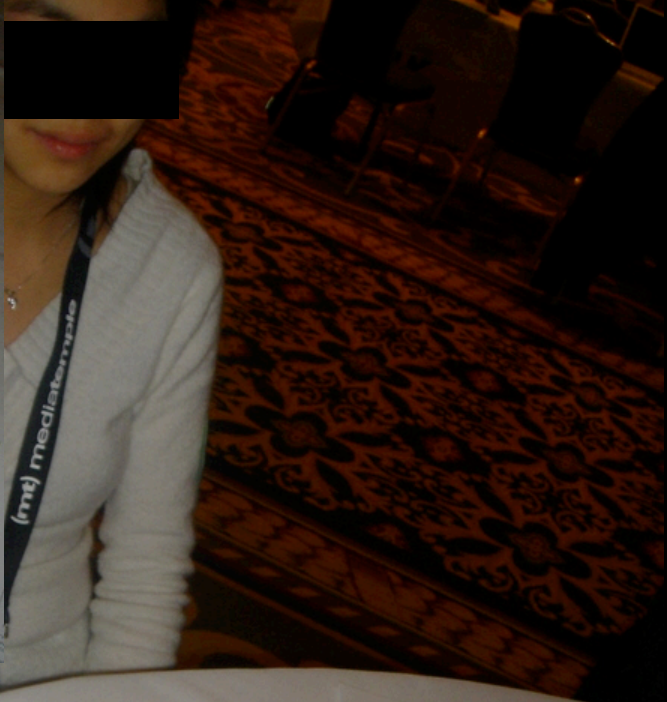
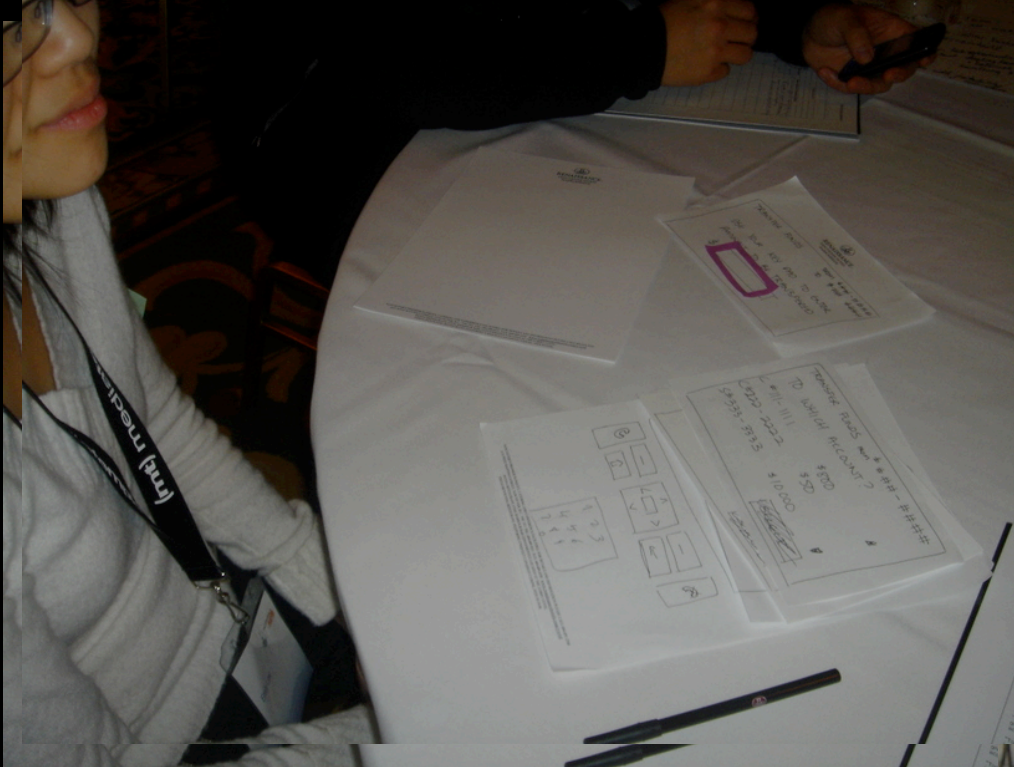
DESIGN	
PM2 Final Interface	
PM2 Final JPEG	
PM2 Prototype Final updated	
PM2 Prototype FLASH ZIP Additional Notes PDF	05.09.05
PM2 Prototype Final	
PM2 Prototype FLASH ZIP	05.06.05
PM2 Prototype Round 1 - updated 2	
PM2 Prototype FLASH ZIP	04.27.05
PM2 Prototype Round 1 - updated	
PM2 Prototype FLASH ZIP	04.25.05
PM2 Prototype Round 1	
PM2 Prototype FLASH ZIP	04.22.05
PM2 Prototype Draft 2	
PM2 Prototype FLASH EXE	04.20.05
PM2 Prototype Draft 1	
PM2 Prototype (FLASH)	04.18.05
PM2 Visual Design	
Design 1 PDF JPG Design 2 PDF JPG	04.08.05
PM2 Wireframes & Taskflows Round 2	
Concept A V2 Wireframes (PDF, 3.3 MB)	03.31.05
Concept A V2 Wireframes (PDF, 8.4 MB) Concept A V2 Task Flows (PDF) Concept B V2 Wireframes (PDF)	03.30.05
PM2 Wireframes & Taskflows Round 1	
Concept A Wireframes (PDF) Concept B Wireframes (PDF)	03.17.05

low-fidelity





<http://www.nngroup.com/reports/prototyping/>
32 minute video - \$68



mid-fidelity



GUUUI - Visio - the interaction designer's nail gun (2nd edition)

http://www.guuui.com/issues/01_06.php

THE INTERACTION DESIGNER'S COFFEE BREAK
WEEKLY POSTINGS AND QUARTERLY ARTICLES ABOUT INTERACTION DESIGN

guuui.com sign in home search about

ISSUE 17 - Q1 2006

There is a [3rd edition of this article](#) available for users of Visio 2003+. If you have a version of Visio prior to 2003, please refer to [the first edition of this article](#),

Visio - the interaction designer's nail gun (2nd edition)
How to use Visio for rapid prototyping



You are welcome to [donate a small amount](#) if you find that the GUUUI Prototyping Tool is worth it. Donations are handled through PayPal.

 DONATE

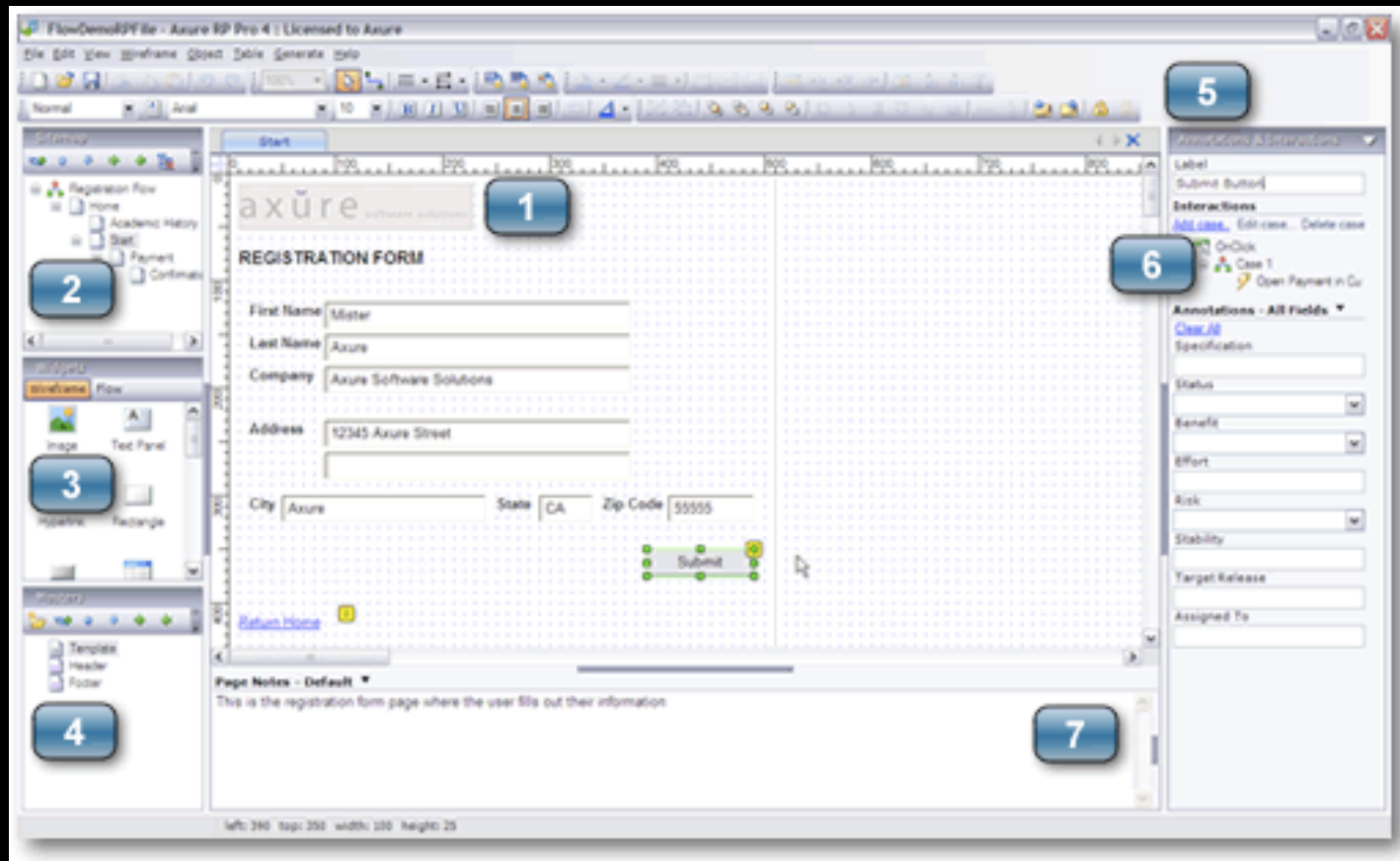
This is a second edition of the article on using Visio for rapid prototyping for the web. The new edition includes a new and improved version of the GUUUI Prototyping Tool for Visio 2003.

My web prototyping tool for [Microsoft Visio](#) is now about six years old and has been available for download here at GUUUI since 2002. Personally, the tool has served me well through the years, but since people have started complaining about installation problems in new versions of Visio, I thought it might be time for an update.

Open "http://www.guuui.com/index.php" in a new tab

Axure

WIREFRAMES



<http://www.axure.com/home.aspx>

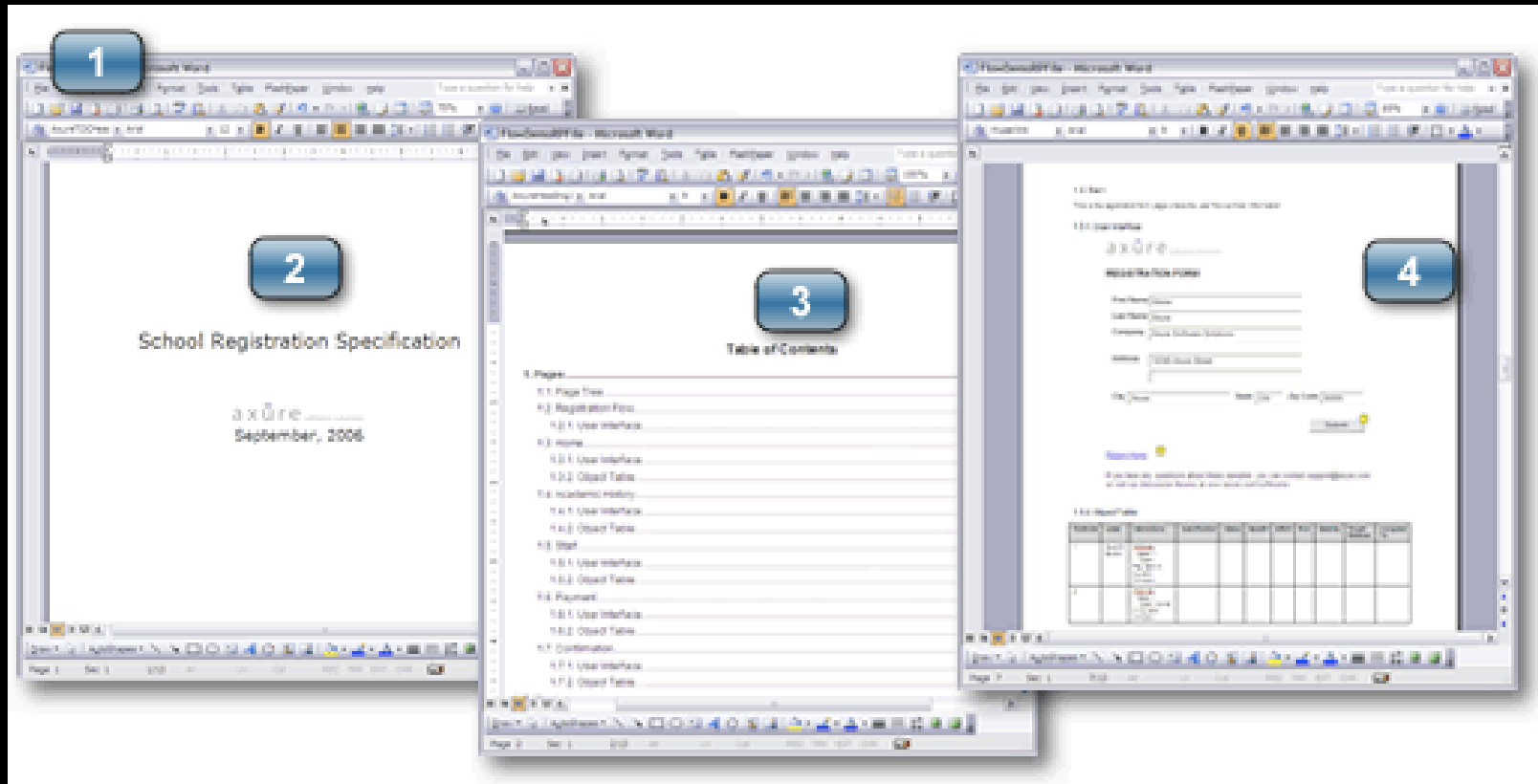
Axure

HTML PROTOTYPES



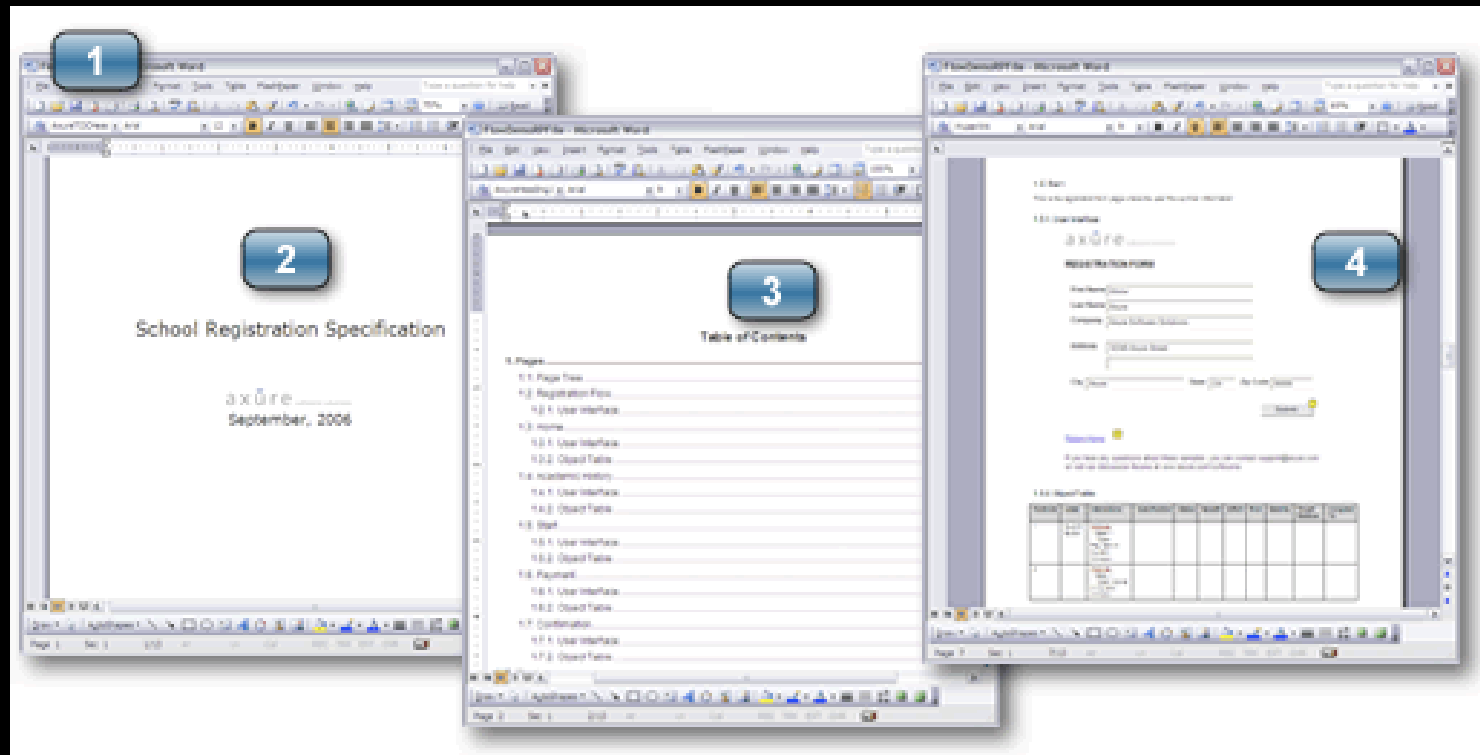
Axure

SPECIFICATIONS

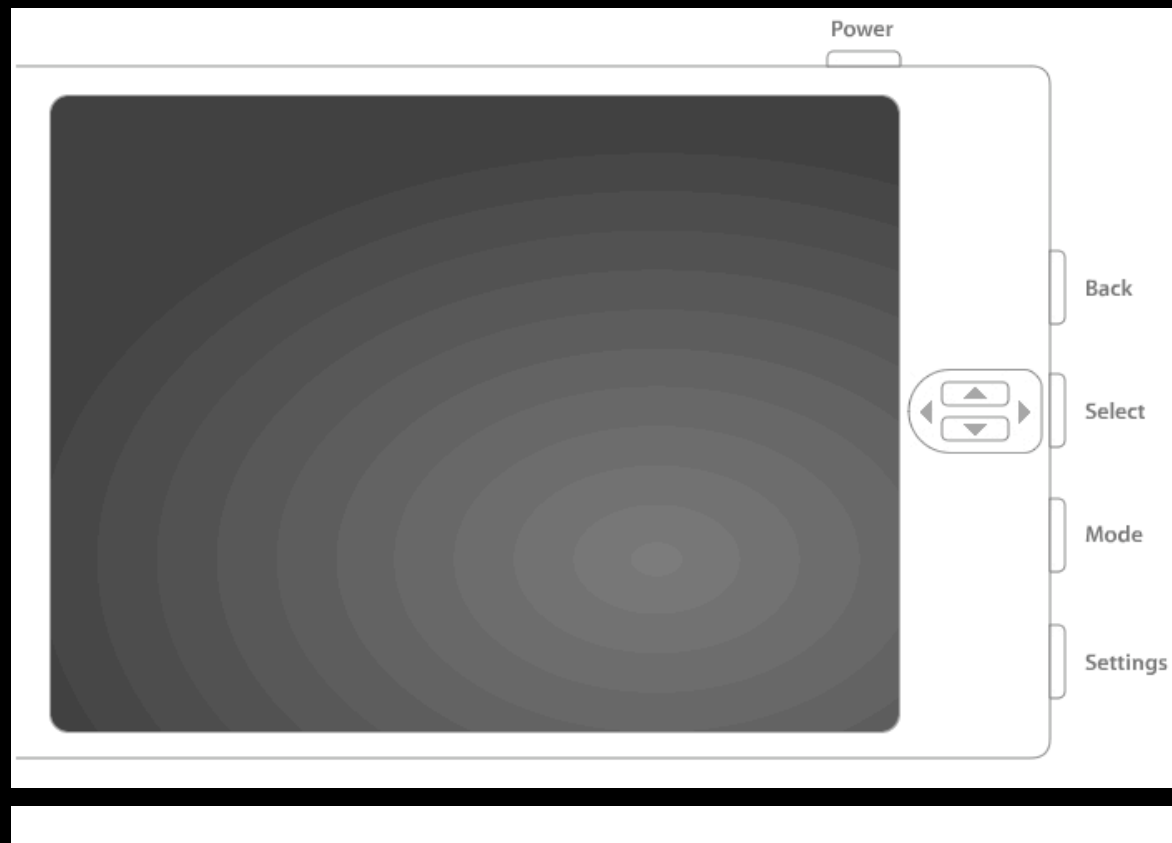


Axure

SPECIFICATIONS



Sample Flash Prototype



high-fidelity



[Home](#)[Download](#)[Documentation](#)[Weblog](#)[Community](#)[Code](#)

The Web framework for perfectionists with deadlines.

Django makes it easier to build better Web apps more quickly and with less code.

Meet Django

Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design.

Developed and used over two years by a fast-moving online-news operation, Django was designed to handle two challenges: the intensive deadlines of a newsroom and the stringent requirements of the [experienced Web developers who wrote it](#). It lets you build high-performing, elegant Web applications quickly.

Django focuses on automating as much as possible and adhering to the [DRY principle](#).

Dive in by [reading the overview](#) →

When you're ready to code, read the [installation guide](#) and [tutorial](#).

Download

Latest release: **0.96**

[Open source, BSD license](#)

Documentation

[Installation guide](#)

[Tutorial](#)

[Models](#)

[Templates](#)

[New: The Django Book](#)

[More...](#)

Sites that use Django

[lawrence.com](#)

An internationally

Weblog

Django at Web 2.0 Expo

by [Adrian Holovaty](#) on Apr. 10, 2007

The O'Reilly Web 2.0 Expo features two Django-related presentations.

[Read more / 4 comments](#)

Week in review: April 8

by [Adrian Holovaty](#) on Apr. 8, 2007

Here's a rundown of Django development from the last seven days...

[Read more / 2 comments](#)

Upcoming changes to Django development



[accessibility](#) [site map](#)

[home](#)

[about](#)

[documentation](#)

[products](#)

[development](#)

[events](#)

[foundation](#)

[support](#)

[log in](#) [join](#)

What is Plone?

Plone helps you manage your content.

[Watch a Demo Movie](#)

[What is a CMS?](#)

[Sites Using Plone](#)

Get Plone

Latest version: [Plone 2.5.2](#) (Jan 2007)

[Download Plone](#)

[What's New?](#)

[Roadmap](#)

[Add-on Products](#)

Learn Plone

[Documentation](#)

[Buy Books](#)

[Mailing Lists](#)

[Chat Rooms](#)

[Find Plone training](#)

Get Involved

[Report Bugs](#)

[Write Code](#)

[Translate, Document, Test](#)

[Support the Plone Foundation](#)

[Plone Blogs](#)

[Easy to Get Started](#) | [User Friendly](#) | [Powerful](#) | [Standards Compliant](#) | [Supported](#) | [Mature](#)



Batteries Included

Supports Linux, Windows, Mac OS X, FreeBSD, Solaris. The installers get you up and running within minutes. No complex set-up procedures.



Speaks Your Language

Available in over 35 languages, Plone was designed from the ground up for multilingual content management. It handles Chinese, Japanese, and even right-to-left languages such as Arabic and Hebrew with ease.

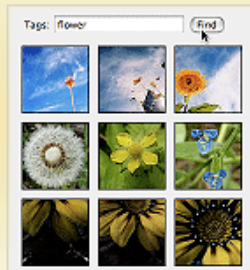


Web development that doesn't hurt

Ruby on Rails™ is an open-source web framework that's optimized for programmer happiness and sustainable productivity. It lets you write beautiful code by favoring convention over configuration.

[RailsConf '07: Portland, Oregon](#), [Rails 1.2.2: A few handy fixes](#), [Rails 1.2: Final Release](#), [Jobs: Find or pitch work](#)

Get Excited



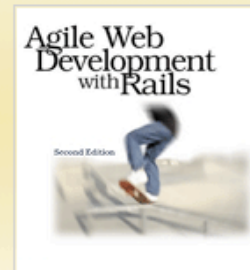
[Screencasts & presentations](#)

Get Started



[Released Jan 18, 2007](#)

Get Better



[API, Books, tutorials, samples](#)

Get Involved

IRC
Mailing lists
Bug tracker
Wiki

[Join the community](#)



.net Charting
FREE DEVELOPER VERSION



AspPDF
Automatic Form Fill-in
CLICK HERE FOR A FREE EVAL

Please visit our partners

Need help taming your data? Simplify storage and set I.T. free with the simple, reliable and affordable HP StorageWorks All-In-One Storage Systems.

Introduction to Microsoft's .NET Platform

by [Nakul Goyal](#)

In the present Internet scenario, accessing data from different accounts at various places isn't practically feasible. Usually databases are designed for particular devices such as a PC, a WAP enabled Cell Phone, a PDA (HPC) is inaccessible from other devices. Microsoft has unveiled MICROSOFT.NET which supports the following technologies keeping all these aspects in



Webinar: Digital Mapping 101

One-hour Webinar on Wednesday, May 2, 2007 at 2 pm ET

-  Digital Mapping 101 will provide a comprehensive overview of digital mapping & the technology that provides its foundation.
-  Learn why application developers in a wide array of industries rely on this technology to satisfy the growing consumer need for location-based products & services.



at&t

AT&T Network Services

thank you!

sign up for our quarterly newsletter
on user experience and usability:
www.gotomedia.com/gotoreport

mobile user experience:
www.gotomobile.com

this presentation can be found at:
www.gotomedia.com/goto/lifestyle

