More ASP.Net MVC

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Technical training

Consulting - .Net ASP.Net

Heavily involved in the tech community

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Were you ...

in D'Arcy's talk?

Have you...

heard of the MVC pattern?
(D'Arcy's talk doesn't count)

Have you...

used an MVC framework?
Ruby on Rails?

Have you...

used ASP.Net MVC?

Are you...

planning to use ASP.Net MVC?

Good things about ASP.Net

Robust
Easy to get started
Can scale well
Drag and Drop

Problems with ASP.Net

- Viewstate/Postback model
- Server controls and complex hierarchies
- Crazy element ids
- Gives no app structure guidance
-Begs you to put wrong code in view

ASP.Net Webforms

- PageController pattern
- Controller and View are the same construct
- Very tempting to put model and data code in controller/view

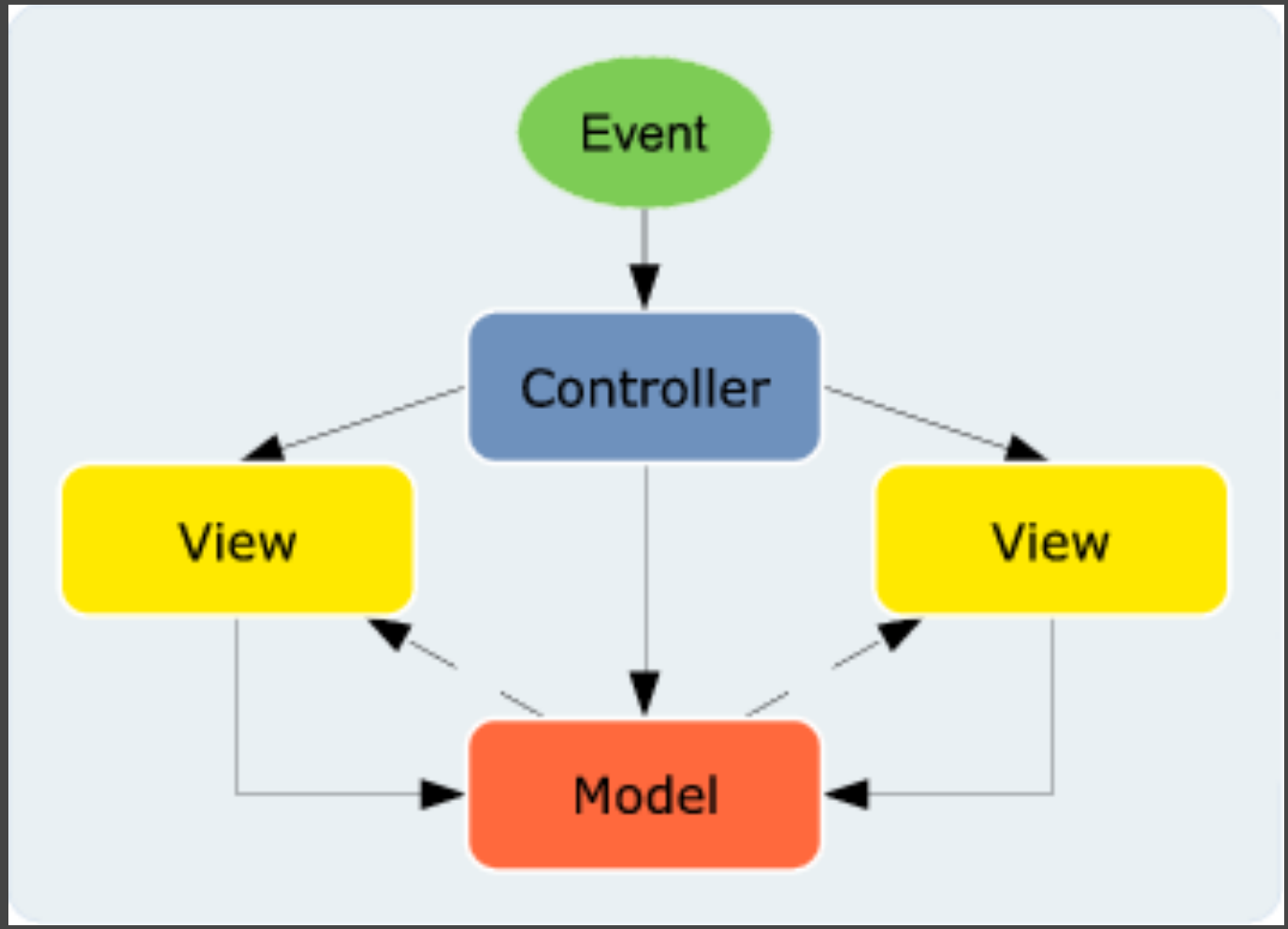
Why MVC - philosophy

- Reduce development complexity
- Gives guidance for structuring web apps
- Convention over Configuration
- Much cleaner urls - aren't tied directly to physical pages
- Helps you design you web apps
- Separation of concerns
- More testable - core base web classes

Questions?

What is MVC?

D'Arcy just did this


Event
Controller
View
View
Model

Models

fat

Views

Controllers

skinny

Routes

Pattern for you Urls / Actions

Demo

Simple list

Demo

jQuery Intro / Checkboxes

Questions?

Demo

Add / List / Delete

Demo

Partial

Testing

Code Camp Server

New Base classes

- HttpContextBase
- HttpSessionStateBase
- HttpRequestBase
- HttpResponseBase
- HttpServerUtilityBase

Who will benefit?

Beginners - pros and cons

- Much closer to to the metal
- Better control of html
- Can test more easily

ASP.Net vs MVC

- ASP.Net - faster starting point - drag and drop
- MVC - more long term benefits

- Can write bad or good code in both
- Either can be complex or simple

MVC

- will definitely give you a better starting point for your development structure
- There will likely be a "component" model that emerges for MVC that speeds up development

Caveats

Preview 2
- Is NOT a full release yet
- Has Significant changes between releases
- Not RoR - but draws much from it

Where can you download the preview?

- Official site - http://www.asp.net/MVC/
- Actual download - http://go.microsoft.com/fwlink/?LinkID=110956

What do you need?

- VS 2008 Professional
- Some project to test it out with

What won't work

- Visual Studio 2005 - any version
- Visual Web Developer Express
- Not sure about VS 2008 Standard
- Doesn't work with website model

Bloggers talking about MVC

- Scott Guthrie - weblogs.asp.net/scottgu/
- Rob Conery - blog.wekeroad.com/
- Phil Haack - haacked.com/
- Scott Hanselman - hanselman.com/blog/

Others?

Tutorials

- Bill Burrows - VB based - myvbprof.com/2007_Version/MVC_Intro_Tutorial.aspx
- Scott Hanselman - C# based - asp.net/learn/3.5-extensions-videos/

Odd Topics

- Authorization Filters (Rob Conery) - http://blog.wekeroad.com/blog/aspnet-mvc-securing-your-controller-actions/
- Redirect Filters - http://www.squaredroot.com/post/2008/04/MVC-Error-Handler-Filter.aspx
- Are you willing to laugh at yourself and ASP.Net? - http://www.railsjedi.com/posts/15-Acts-as-ASP-NET-a-Ruby-on-Rails-Plugin-

Code Camp Server - reference project

Code Camp Server
Jeffrey Palermo and others

project
http://code.google.com/p/codecampserver/

source
http://codecampserver.googlecode.com/svn/trunk

get tortoisesvn to easily get the source

Books to read

- ASP.Net MVC Manning book - Jeffrey Palermo
- The Rails Way - Learning Ruby on Rails will give you much insight into ASP.Net MVC

Do you like Code Camps?

IowaCodeCamp.com

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