
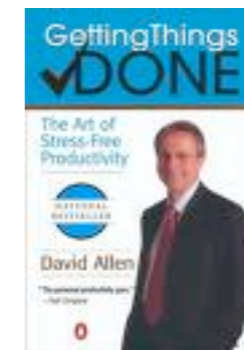


ASP.NET MVC

AgileDotNet 2010
April 30, 2010

improving 

Me



MVC



Model-View-Controller

TOP TEN REASONS TO NOT USE WEBFORMS

1. There is no way to do WinForms on the web
2. No more postbacks
3. Have you SEEN the ASP.NET Page Lifecycle?
4. HTML 5
5. 2000 line code-behinds

TOP TEN REASONS TO NOT USE WEBFORMS

6. No more `if(!IsPostBack)`
7. Testability
8. No more viewstate
9. Control and customization
10. Complexity

TOP TEN MVC BEST PRACTICES

1. Views should be like _____ really nice to look at, but very dumb
2. Logic goes in the model
3. Convention over configuration (but configurable is good)
4. Beware of controller bloat
5. Strong typing is better than string references

TOP TEN MVC BEST PRACTICES

6. Tests are essential
7. Modularity and reuse are encouraged
8. Urls should be readable and SEO friendly
9. Declarative programming is preferred
10. Be standards compliant

ASP.NET MVC 2.0

- Strongly-typed view helpers
- Customizable display templates (UIHint)
- Html.EditorFor
- New client IDs
- `<%: %>`
- Model Validation (w/Client-Side)
- Skip scaffold annotation
- Areas

Strongly-Typed View Helpers

- Old Helpers:

- `<%= Html.TextBox("Name", Model.Name) %>`

- New Helpers:

- `<%= Html.TextBoxFor(model => model.Name) %>`

MvcContrib

- Fluent HTML Helpers
- Grid Helper
- Input Builders
- Portable Areas
- Strongly-Typed RedirectToAction
- Fluent Controller
- ...

Thanks!

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- Warren Buffett

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