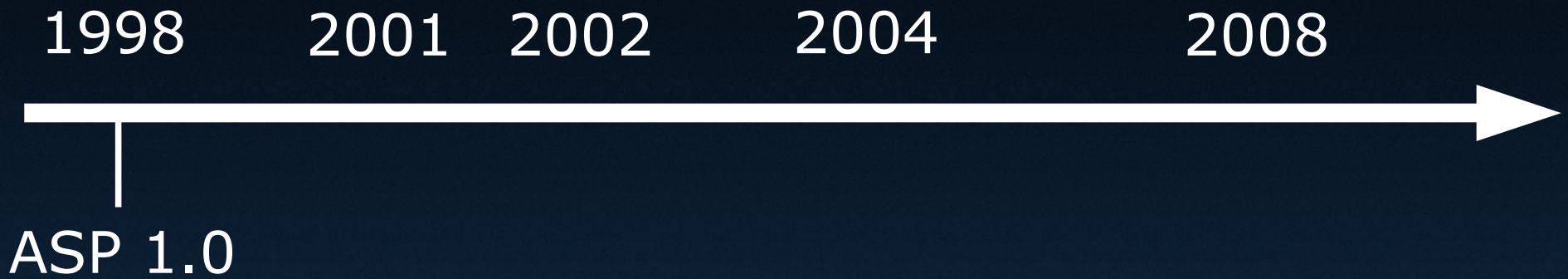


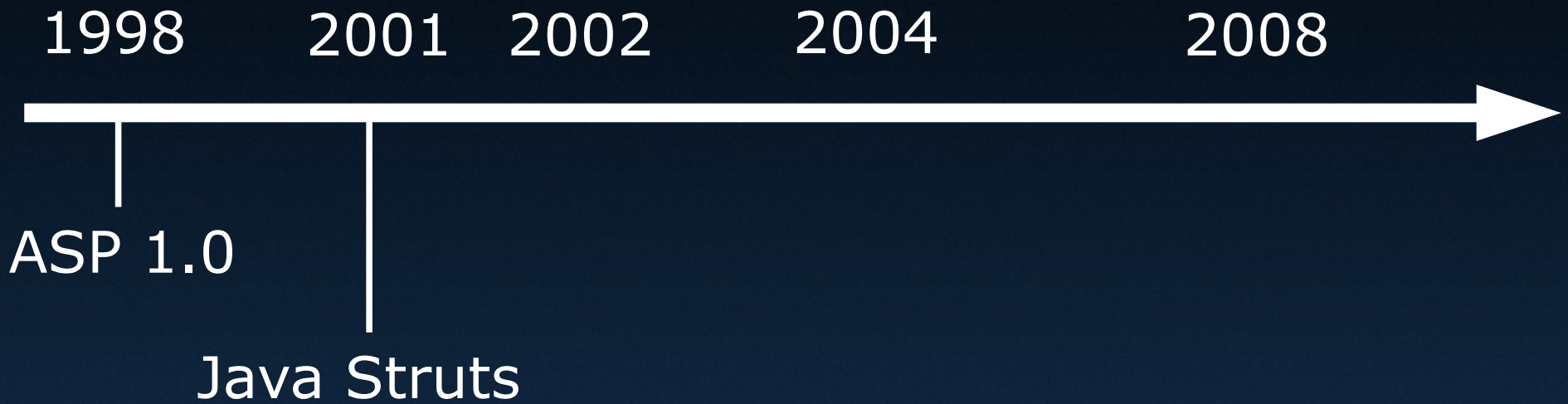


Presented by Dawid Kowalski
www.dkowalski.com/blog

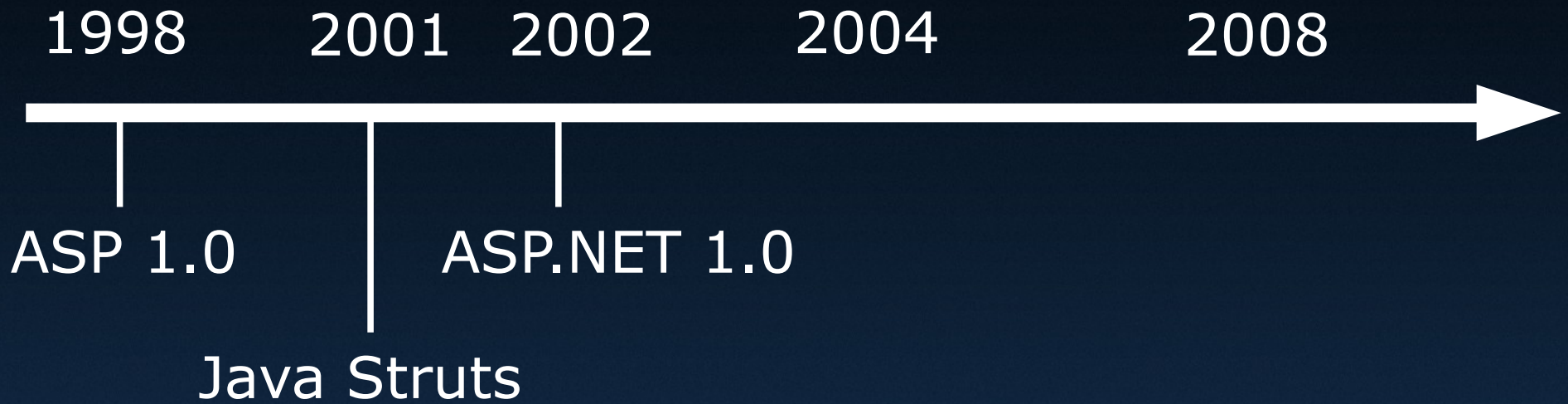
A little bit of history



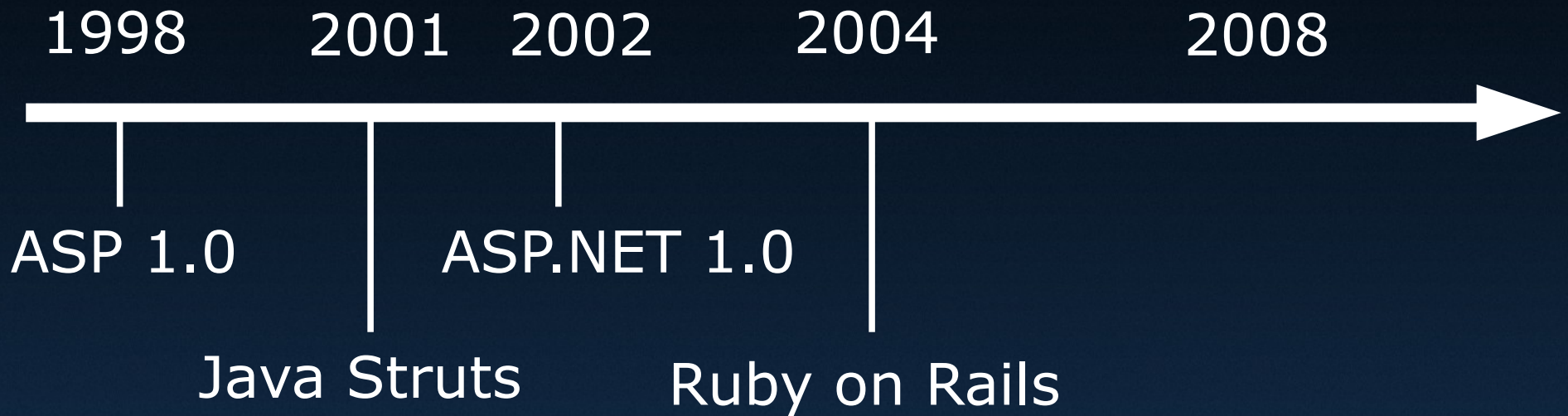
A little bit of history



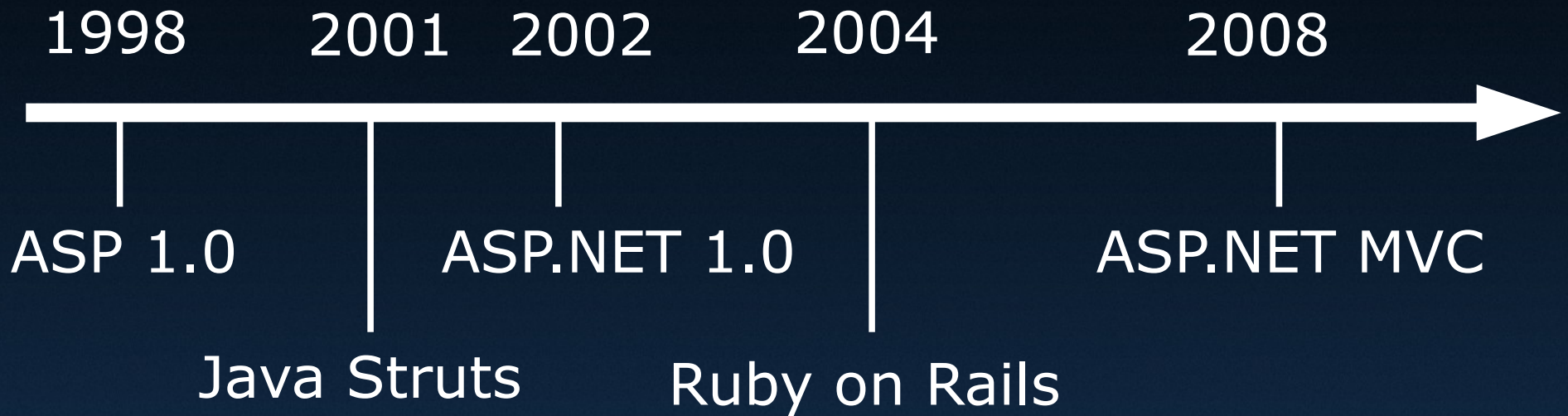
A little bit of history



A little bit of history



A little bit of history



Quo Vadis programmer?



About S#arp Arch



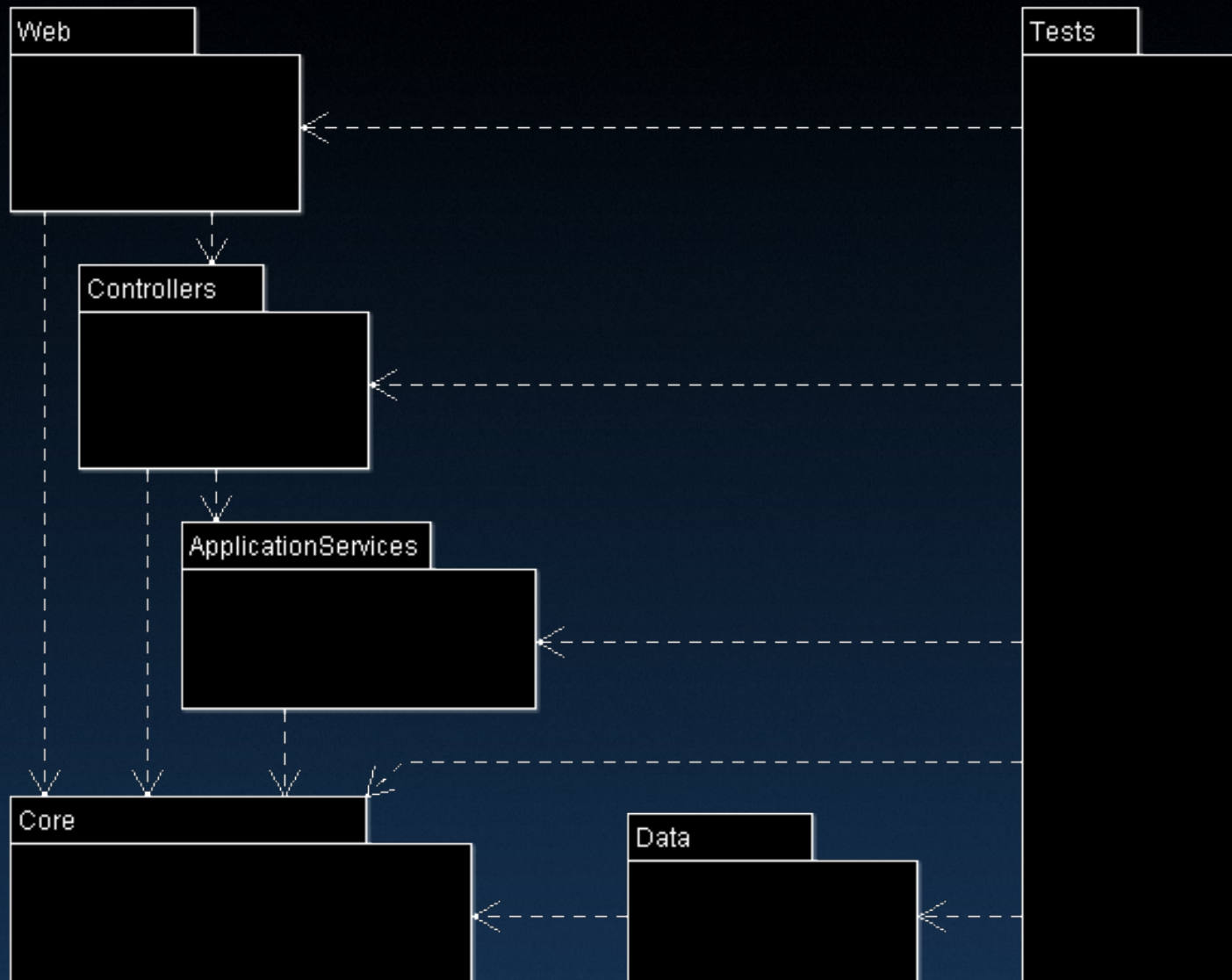
- Owner & creator: Billy McCafferty
- Collection of best practices and conventions
- Based on ASP.NET MVC and NHibernate
- Leverages DDD (Domain Driven Design) ideas
- Loosely Coupled (Common Service Locator with default IoC - Castle Windsor) – TDD made simple

Goodies



- NHibernate + Fluent NHibernate
- SQLite in-memory database
- Text Template Transformation Toolkit and T4 Toolbox
- MVC Contrib
- Design patterns

Project dependencies



How Fanboys See .NET Data Access Strategies



A moment of fun:

<http://www.kevinwilliampang.com/post/How-Fanboys-See-NET-ORMs.aspx>

A little bit of coding



The screenshot displays the Visual Studio IDE with the following components:

- Menu Bar:** File, Edit, View, Refactor, Project, Build, Debug, Data, Tools, Test, Window, Help.
- Toolbar:** Includes icons for file operations, a dropdown menu set to 'Debug', and a target processor set to 'Any CPU'.
- Code Editor:** Shows the implementation of `DiversController` in `DiversController.cs`. The code includes:
 - Constructor: `public DiversController(IDiverRepository diverRepository) { Check.Require(diverRepository != null, "diverRepository may not..."); this.diverRepository = diverRepository; }`
 - `Index` action: `[Transaction] public ActionResult Index() { IList<Diver> divers = diverRepository.GetAll(); return View(divers); }`
 - `Show` action: `[Transaction] public ActionResult Show(int id) { Diver diver = diverRepository.Get(id); return View(diver); }`
 - `Create` action: `public ActionResult Create() { DiverFormViewModel viewModel = DiverFormViewModel.CreateDiverFo...; return View(viewModel); }`
- Solution Explorer:** Shows the project structure for 'HundredFeetUnderTake2'. The `HundredFeetUnderTake2.Web` project is expanded, showing folders for `Properties`, `References`, `CastleWindsor`, `Content`, `Scripts`, and `Views`. The `Views` folder is further expanded to show `Divers`, `Home`, `Shared`, and `Swimmers` subfolders, each containing an ASPX file: `Create.aspx`, `Edit.aspx`, `Index.aspx`, and `Show.aspx`.

www.who-can-help.me



- Sharp Architecture
 - ASP.NET MVC
 - ASP.NET MVC Contrib
 - NHibernate
 - Fluent NHibernate
 - Castle Windsor
- AutoMapper
- Configuration Section Designer
- DotNetOpenAuth
- ELMAH
- Less CSS for .NET
- Machine.Specifications (MSpec) BDD Framework
- MEF
- PostSharp
- RhinoMocks
- Spark View Engine
- TweetSharp
- xVal Validation Framework

Resources



- Project main site
<http://wiki.sharparchitecture.net/>
- Technology demo
<http://whocanhelpme.codeplex.com/>
- Some dimecasts <http://dimecasts.net/>
- Virtual ALT.NET Cast
<http://www.viddler.com/explore/virtualaltnet/videos/25/>



Thank you
Questions ?