# Developing ASP.NET Core Applications

~~ASP.NET 5~~

ASP.NET Core

# ASP.NET Core

The only thing that’s changed is everything.

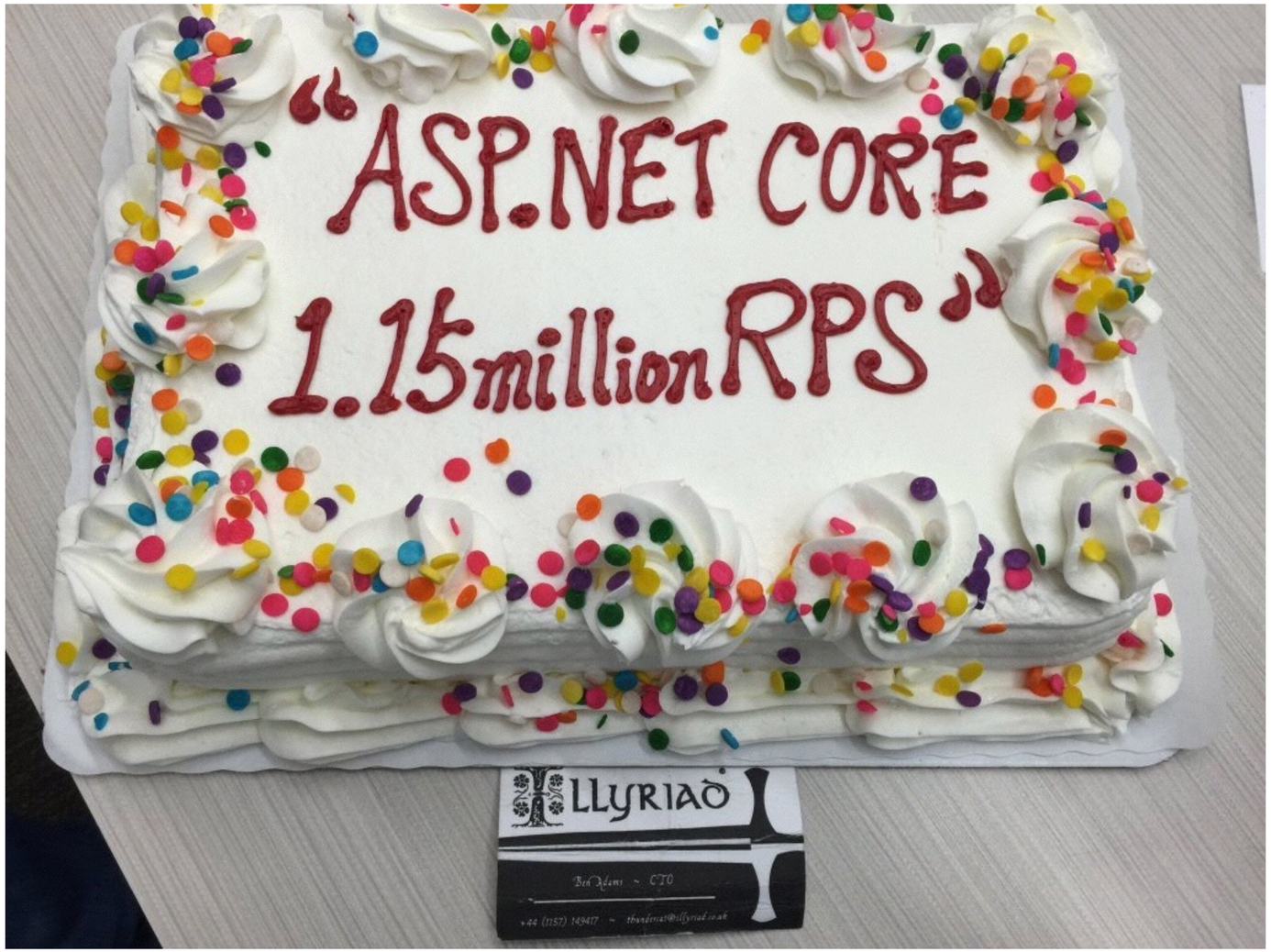
# Significant Redesign

# Open Source

github.com/aspnet/home

~~System.Web.dll~~

NuGet


"ASP.NET CORE
1.15million RPS"
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# Kestrel

# Cross Platform

# Environment Setup

- Xcode (various command line tools)
- Homebrew
- Used Homebrew to install…
  - Git
  - Node.js
  - Mono
- Used NPM to install…
  - Yeoman
  - ASP.NET Yeoman Templates

- Visual Studio Code
- Atom (and OmniSharp package)
- sqlitebrowser (database browser)
- Chrome (for the dev tools)
- Setup ~/.bash_profile
- Downloaded my presentation materials (via GitHub repo)
- TextExpander (for code snippets)

Microsoft get.asp.net ASP.NET 4.6 ASP.NET 5 Blog Source Code

ASP.NET 5 is being renamed to ASP.NET Core 1.0. Read more.

# ASP.NET 5 RC

**ASP.NET 5 is a new open-source, cross-platform, high performance and lightweight framework for building Web Applications using .NET.**

Install for Mac

Install Instructions | Other Downloads | Docs

## Work with your favorite development tools

### Visual Studio Code

Visual Studio Code is a cross-platform code editor refined and optimized for building modern web and cloud applications.

### generator-aspnet

Yeoman is a scaffolding platform built on top of Node.js that allows you to build template-based generators for projects or code files. *generator-aspnet* is a yeoman generator that allows you to scaffold ASP.NET 5 applications.

### OmniSharp

OmniSharp is a set of tooling, editor integrations and libraries for developing in .NET. OmniSharp works with a number of editors including Atom, Brackets, Emacs, Sublime Text and Vim.

View all versions

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# DNVM, DNX, & DNU

# DNVM

.NET Version Manager

# DNX

.NET Execution Framework

# DNU

.NET Development Utility

# dotnet CLI

# Demos

# What is Missing?

# ASP.NET
# Community Standups

live.asp.net

# ASP.NET Documentation

docs.asp.net

# Questions?

# Thanks!

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https://github.com/smashdevcode/developing-aspnet-core-applications