DOTVVM COMMUNITY MEETUP

JULY 4th

DotVVM Introduction

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What is DotVVM

- Open-source web UI framework

- Member of the .NET Foundation

- Supports ASP.NET Core and "old" ASP.NET

- Ships with an extension for Visual Studio

DOTVVM

Building new web apps

- Model-View-ViewModel approach
- No need to write JavaScript

- View = .dotHTML file
- ViewModel = C# class

- Ships with built-in components
  - GridView, Repeater, FileUpload...

DOTVVM

Modernizing old web apps

- ASP.NET Web Forms are not supported on .NET Core

- DotVVM allows to replace ASPX pages one by one
  - While the application is still working (and can be deployed)
  - No need to touch the business layer

- When you get rid of Web Forms dependencies, just switch the project to .NET Core

DOTVVM

How to start?

- Go to www.dotvvm.com/install

- Install the extension from **Visual Studio Marketplace**

- **File > New Project**
  - DotVVM Web Application (.NET Core)
  - DotVVM Web Application (.NET Framework + OWIN)

DOTVVM

DEMO

Simple Calculator in DotVVM

DotVVM Controls

- Form Controls
  - TextBox, CheckBox, RadioButton, ComboBox, FileUpload...
  - Button, LinkButton...
- Data Controls
  - Repeater, GridView...
- Views & Composition
  - ContentPlaceHolder, Content...
  - AuthenticatedView, RoleView...

DOTVVM

DotVVM Platform

- FREE

  - DotVVM Framework
    - Open-source, developed on GitHub

  - DotVVM for Visual Studio
    - Visual Studio extension

DOTVVM

DotVVM Platform

COMMERCIAL

Bootstrap for DotVVM
- Wrappers for Bootstrap 3 & 4

DotVVM Business Pack
- Advanced controls for large web apps

DotVVM for Visual Studio Premium
- Visual Studio extension with more features

DOTVVM

Resources

- Homepage
  dotvvm.com

- Documentation
  dotvvm.com/docs

- GitHub repo
  github.com/riganti/dotvvm

DOTVVM

Q&A