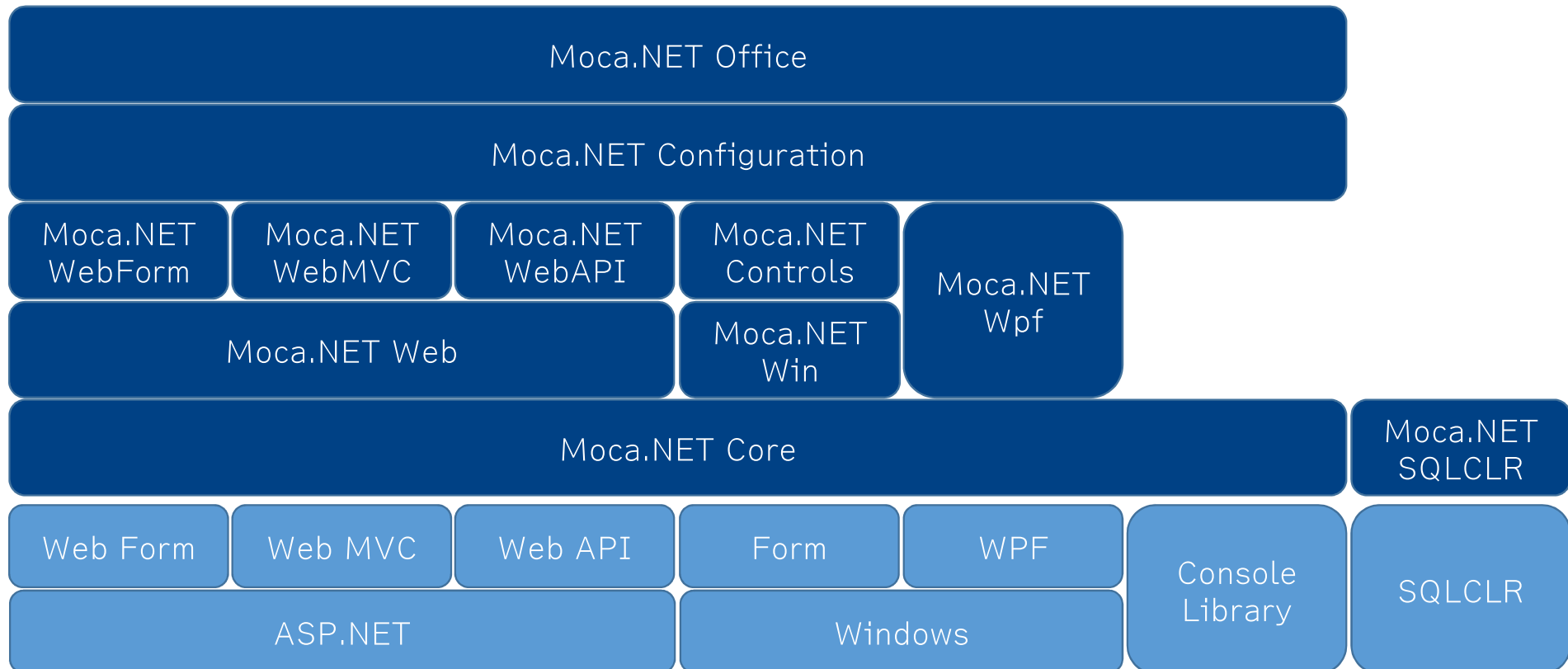# Moca.NET

MiYABiS - github.com/mocanet

Overview

- Support for multiple frameworks
- Utility methods and custom controls for Windows and Web
- Added to each project using NuGet
- Visual Studio extension for templates and snippets

Library structure

Moca.NET Office						

Moca.NET Configuration						

Moca.NET WebForm	Moca.NET WebMVC	Moca.NET WebAPI	Moca.NET Controls	Moca.NET Wpf		
Moca.NET Web			Moca.NET Win			

Moca.NET Core						Moca.NET SQLCLR

Web Form	Web MVC	Web API	Form	WPF	Console Library	SQLCLR
ASP.NET			Windows			

Support for multiple frameworks

- Microsoft .NET Framework

  - 2.0
  - 3.5
  - 4.0
  - 4.5
  - 4.5.2
  - 4.6
  - 4.6.2
  - 4.7

Core Features

- Easy database access (using custom attribute)
- Easy object mapping (using custom attribute)
- Easy transaction (using custom attribute)
- AOP & DI (using custom attribute)
- Other Utility functions

Windows Features

- Custom Controls (for Windows Form)

  - AlertMessage
  - Calendar
  - CheckBoxGroup
  - ComboBoxEx
  - FlowLayoutPanelEx
  - MocaDi
  - NullableDateTimePicker
  - RadioButtonEx
  - RadioButtonGroup
  - RichTextBoxEx
  - TextBoxEx
  - WYSIWYGEditor

Web Features

- Custom Controls (for Web Form)
- Easy access variables
    Cookie, Session, QueryString, Application, ServerVariables, ViewState, ViewData

SQLCLR Features

- Easy database access (using custom attribute)
- Easy object mapping (using custom attribute)
- Easy transaction (using custom attribute)
- AOP & DI (using custom attribute)
- Other Utility functions

Office Features

- Excel application COM object wrapper (A small part)
- It is not necessary to add reference to interop assembly
- Automatically dispose of COM interop objects

Configuration Features

- Config file encryption

Visual Studio Extensions

- Moca.NET Template

  https://marketplace.visualstudio.com/items?itemName=MiYABiS.MocaNETTemplate30

- Moca.NET Code Snippet

  https://marketplace.visualstudio.com/items?itemName=MiYABiS.MocaNETCodeSnippet

Dependencies library

- log4net

  Used for log output

- MiYABiS.AppConfigTransform

  converting the "App. *. Config" and "log4net. *. Config" files according to the configuration at the time of build, copy it to the output folder

- MiYABiS.WebConfigTransform

  converting the "Web. *. Config" and "log4net. *. Config" files according to the configuration at the time of build, copy it to the output folder

Sample

- Web Form Application

  http://miyabis.github.io/Moca.NET-WebAppDemo/

  https://code.msdn.microsoft.com/vstudio/MocaNET-Framework-Web-0e8d6dd7

- Windows Form Application

  http://miyabis.github.io/Moca.NET-WinAppDemo/

  https://code.msdn.microsoft.com/vstudio/MocaNET-Framework-Windows-7174d250

Moca.NET