Understanding How Web Pages Work

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Overview

Describing Web Pages

Processing Web Pages

Demos

- Create web site
- Post data
- Consume and display a list of data
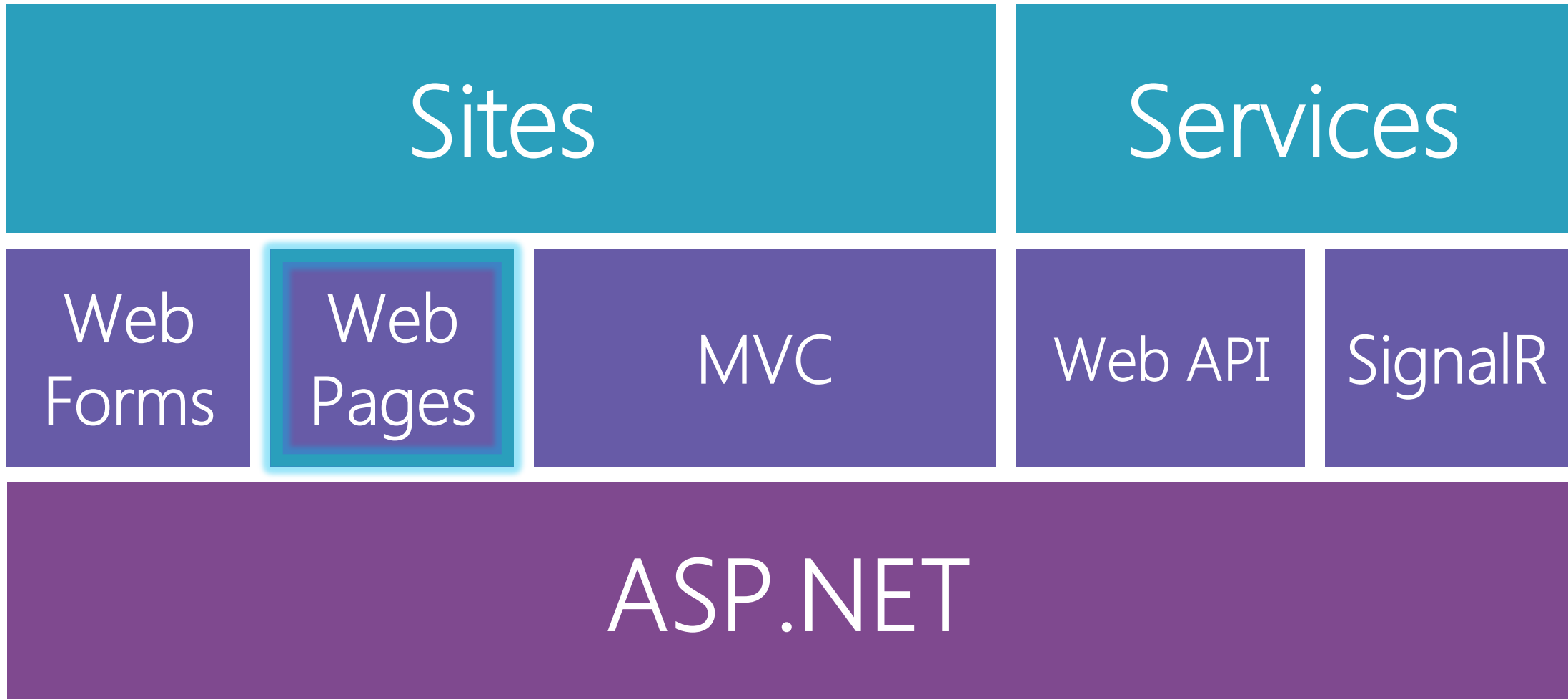
Describing Web Pages

ASP.NET Web Pages

ASP.NET Web Pages and the new Razor syntax provide a fast, approachable, and lightweight way to combine server code with HTML to create dynamic web content.
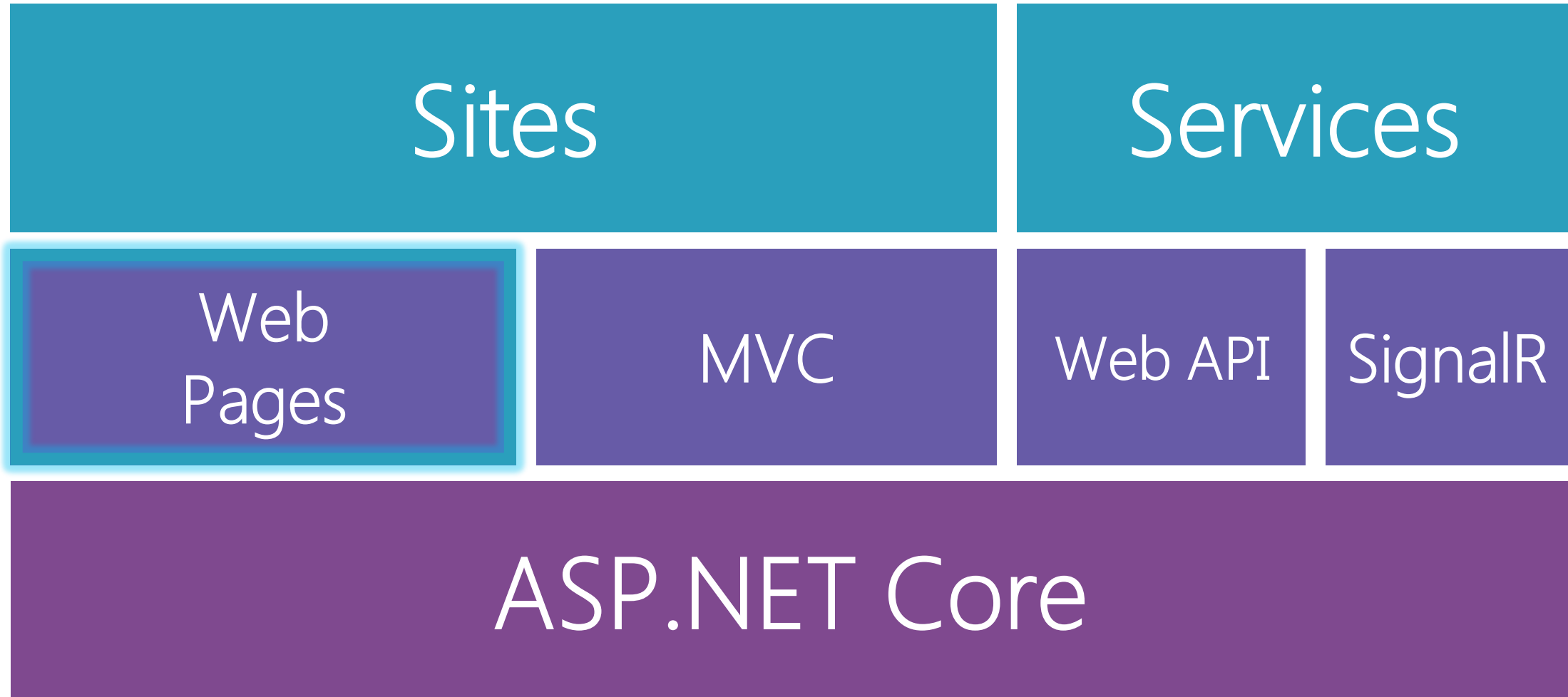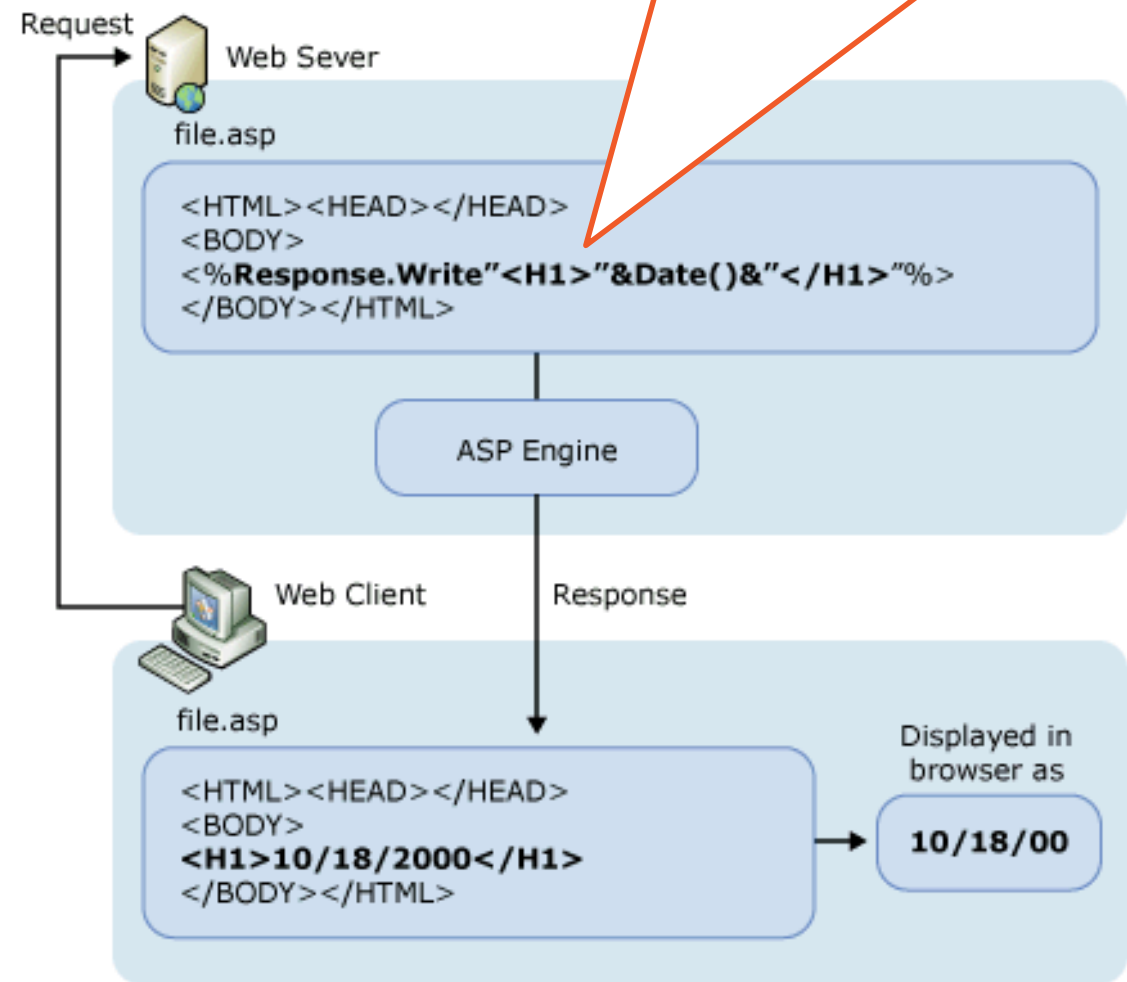www.asp.net/web-pages

Microsoft Web Platform

Sites				Services	
Web Forms	Web Pages	MVC		Web API	SignalR
ASP.NET					

Microsoft Web Platform

Sites		Services	
Web Pages	MVC	Web API	SignalR
ASP.NET Core			

"Classic" ASP

`<h1>@DateTime.Now.ToShortDateString()</h1>`

Request

Web Sever

file.asp

```
<HTML><HEAD></HEAD>
<BODY>
<%Response.Write"<H1>"&Date()&"</H1>"%>
</BODY></HTML>
```

ASP Engine

Web Client

Response

file.asp

```
<HTML><HEAD></HEAD>
<BODY>
<H1>10/18/2000</H1>
</BODY></HTML>
```

Displayed in browser as

10/18/00

Blend of markup with server side code

Razor syntax
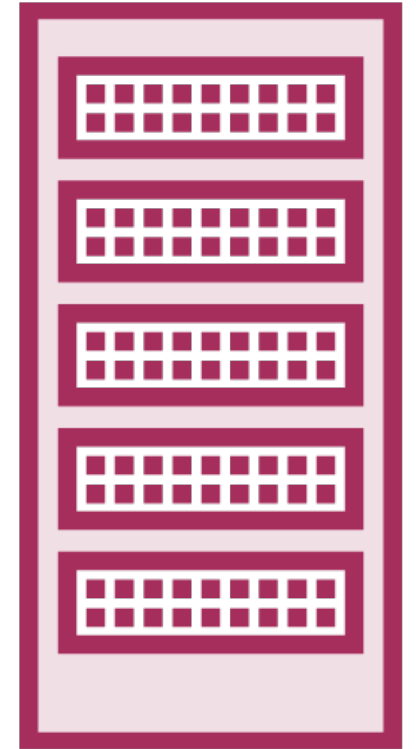
Dynamic compilation

Compares closest to "ASP"

Processing Web Pages

HTTP Request

http://site/page

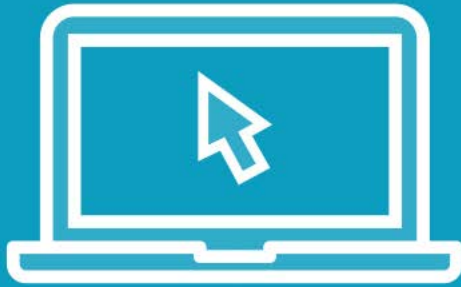# HTTP Pipeline

HTTP Modules

HTTP Handler
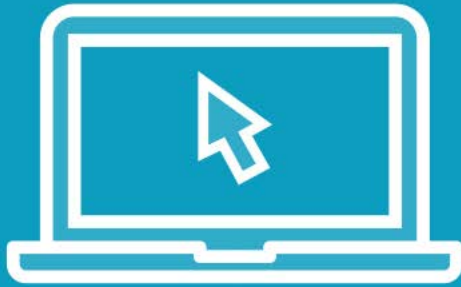
HTTP Modules
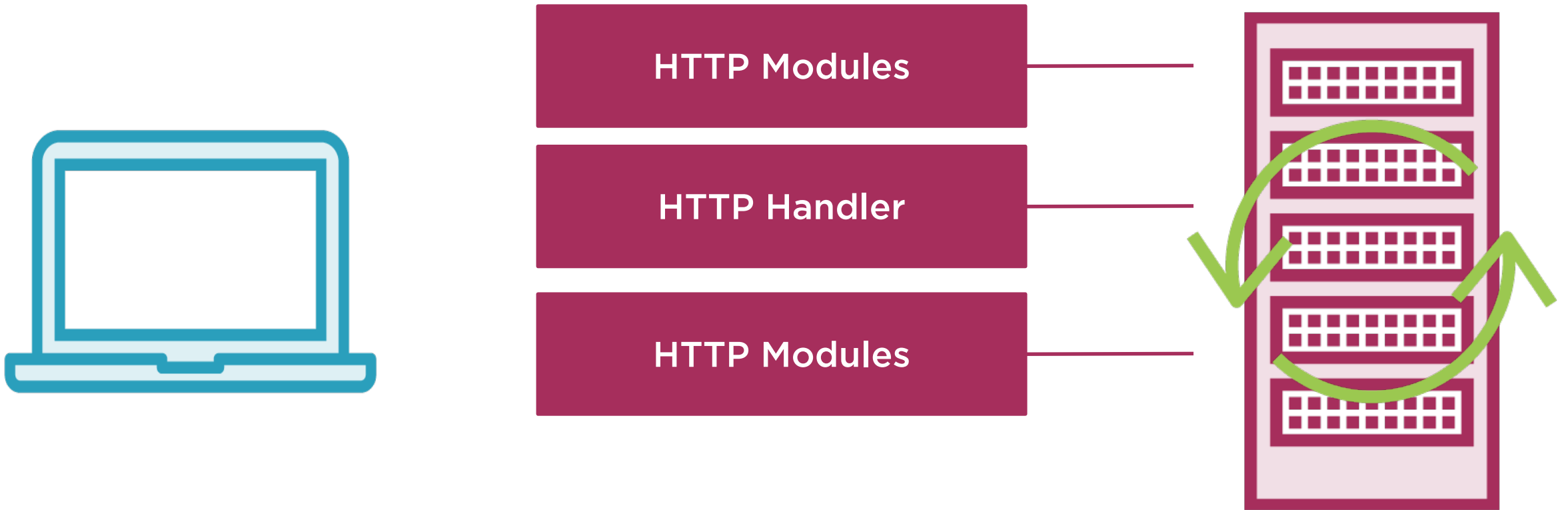
Web Page Demos

Demo

Create web site

- Create new web site in Visual Studio
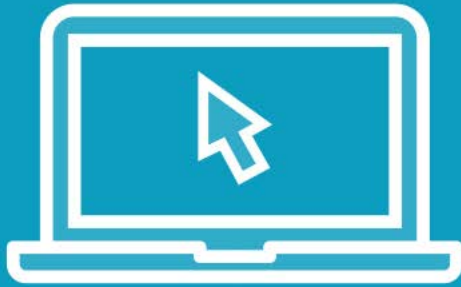- Examine folder structure
- View a page

Demo

Post data

- Add input for text entry

- Add button to post data

- Echo data

Demo

Consume and display a list of data

- Create sample data

- Display list of data

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Extensions > Tools > SQL Server Compact/SQLite Toolbox

SQL Server Compact/SQLite Toolbox   ▷◁ Visual Studio Partner   [Free]

SQL Server Compact/SQLite Toolbox add-in for Visual Studio. This add-in adds several features to help your embedded database development efforts: Scripting of tables and data, import from SQL Server and CSV files and much, much more.

CREATED BY	ErikEJ	**UPDATED**	2/2/2016
REVIEWS	★★★★★ (146) Review	**VERSION**	4.5.0.0
SUPPORTS	Visual Studio 2015, 2013, 2012, 2010	**LICENSE**	View
DOWNLOADS	Download (481,037)	**SHARE**	✉ ⋲ ▪▪ 🔲 f
		FAVORITES	Add to favorites
TAGS	SQL Server, VSIX, SQL Server Compact, sqlite, Script, SQL Compact, sql ce, sqlce		

Report abuse to Microsoft
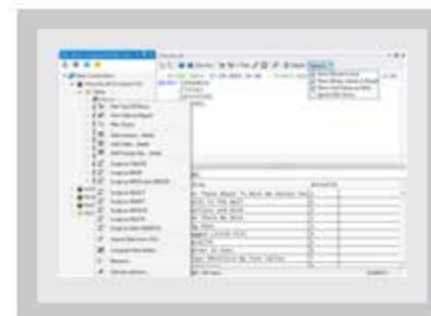
+ View Large

○ ErikEJ/SqlCeToolbox
⑂ No pull requests
⊘ 11 issues

Web Pages
Explained
Demonstrated

Summary