

Understanding How Web Forms Work



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Overview



Describing Web Forms

Processing Web Forms

Demos

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



Describing Web Forms



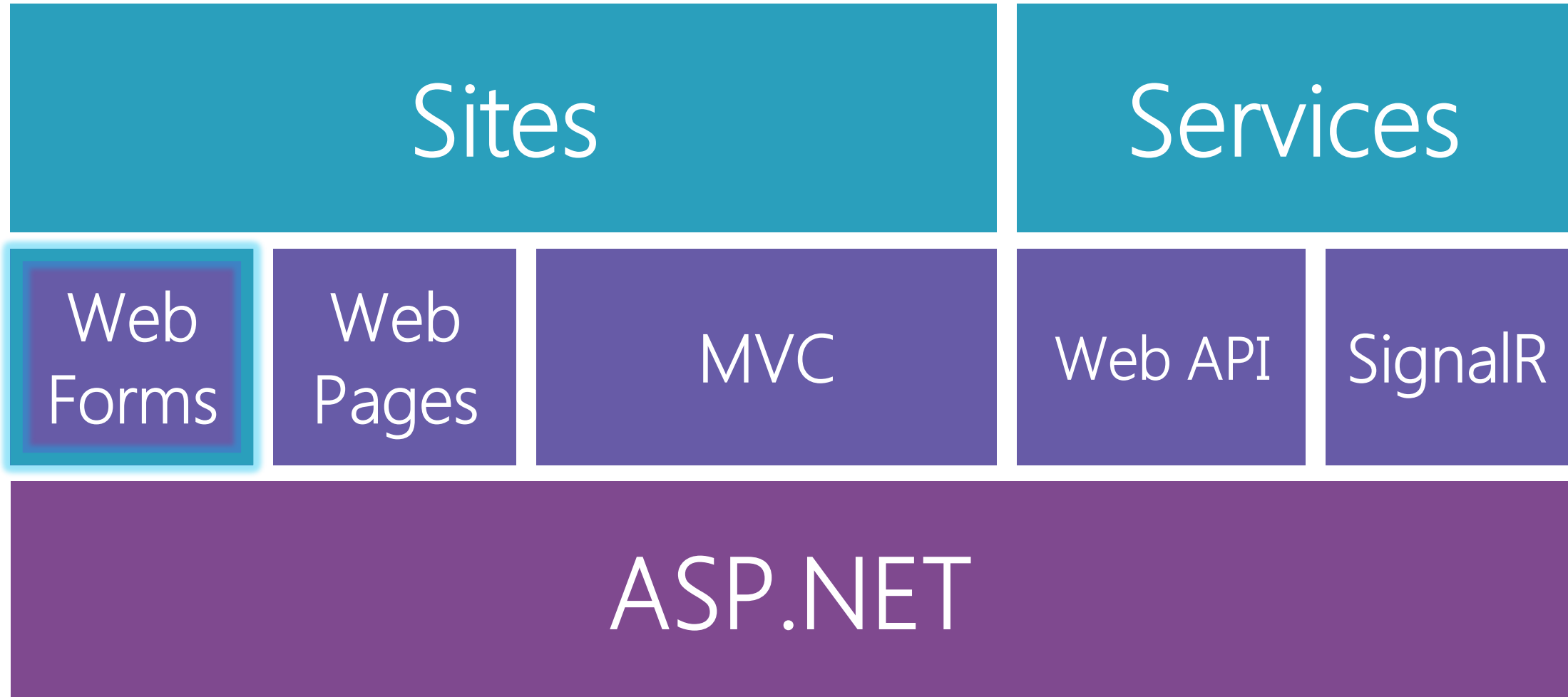
ASP.NET Web Forms

With ASP.NET Web Forms, you can build dynamic websites using a familiar drag-and-drop, event-driven model. A design surface and hundreds of controls and components let you rapidly build sophisticated, powerful UI-driven sites with data access.

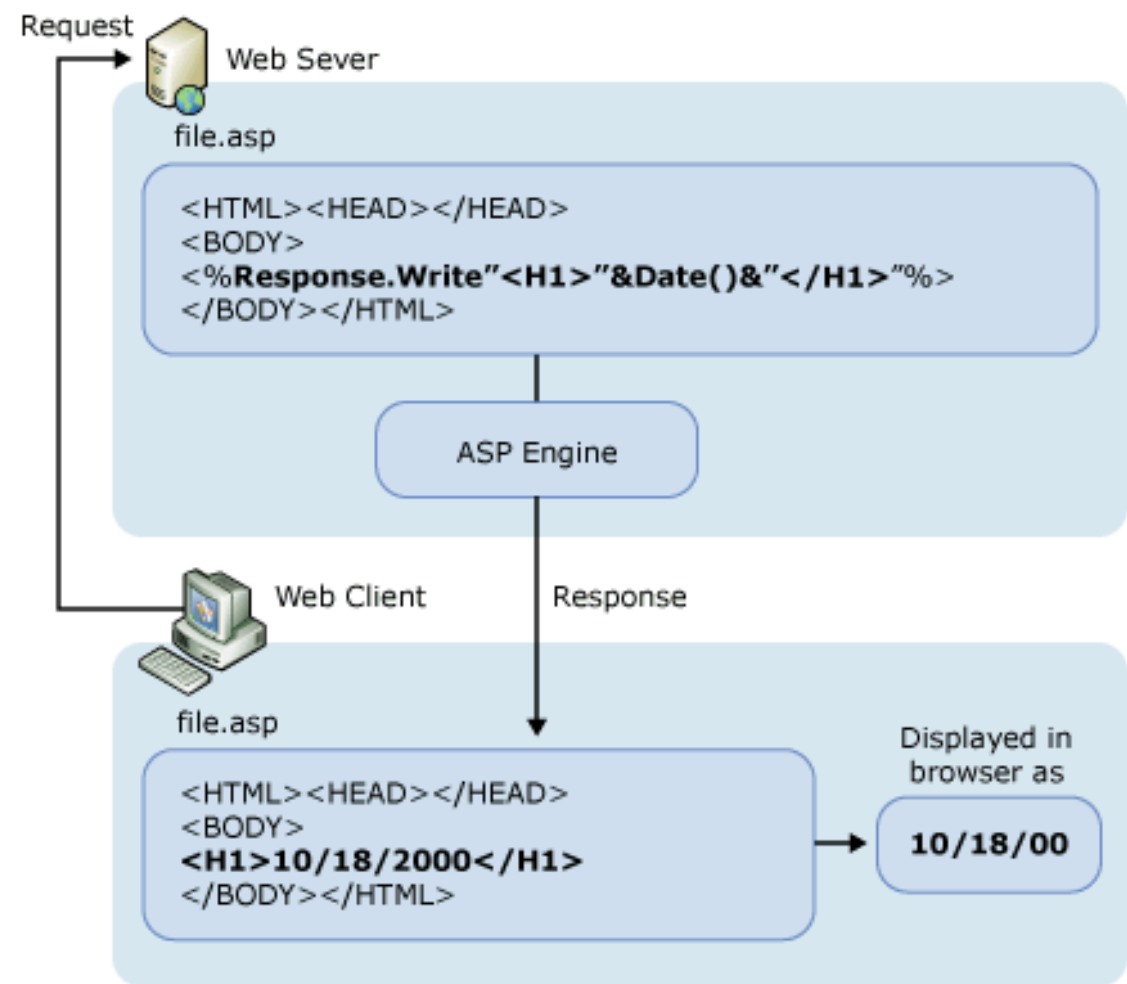
www.asp.net/get-started/websites



Microsoft Web Platform



“Classic” ASP



Rapid Application Development

**Windows Forms
Developers**



**Web Forms
Developers**



Object-oriented

Event-driven

Supports separation of markup from logic

Pre-compilation or dynamic compilation

Remarkable integration of Visual Studio

- Design view
- Controls (and many 3rd party)
- Data binding

Maturity



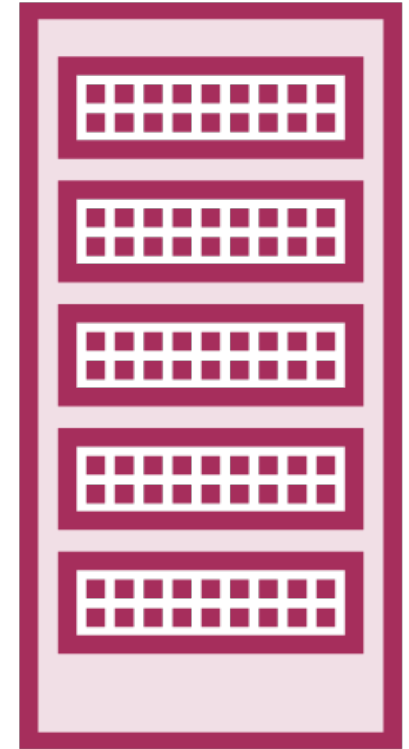
Processing Web Forms



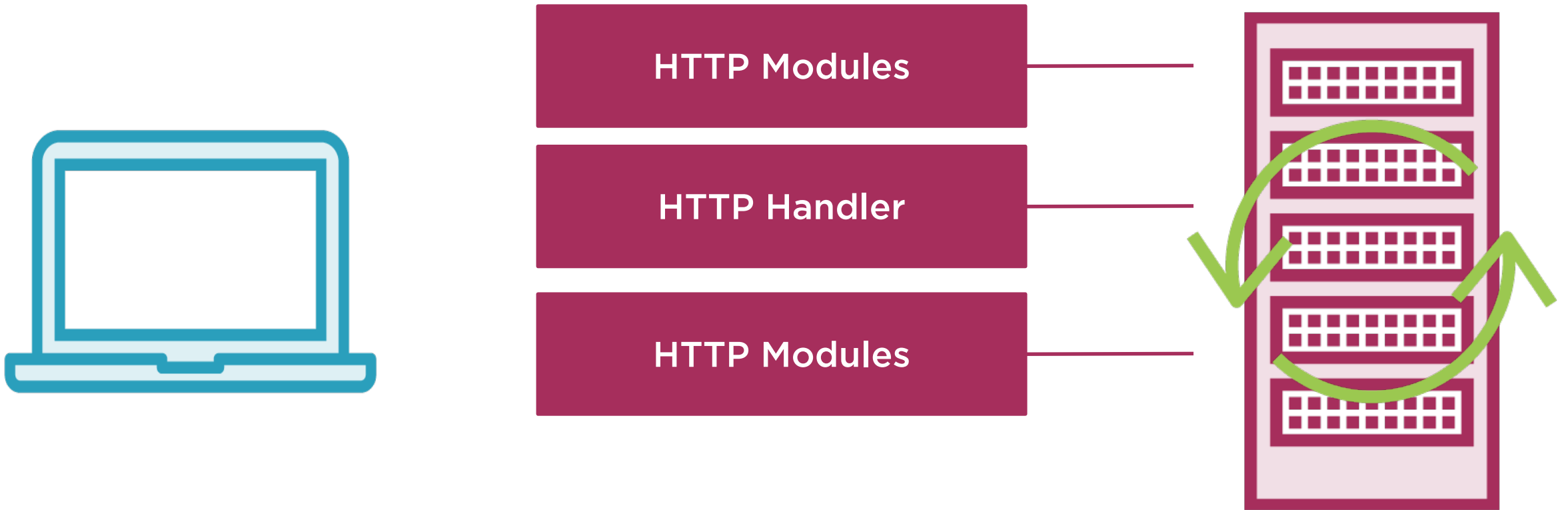
HTTP Request



<http://site/page>



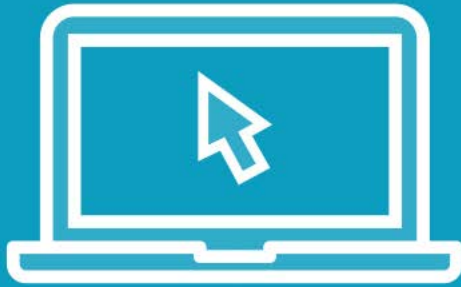
HTTP Pipeline



Web Forms Demos



Demo

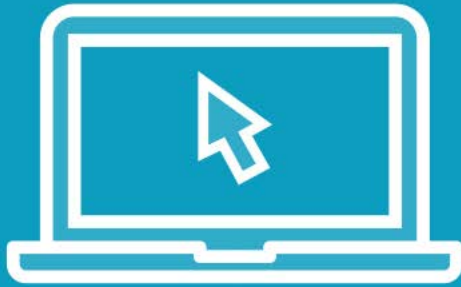


Create web site

- Create new project in Visual Studio
- Examine project structure
- View a page



Demo

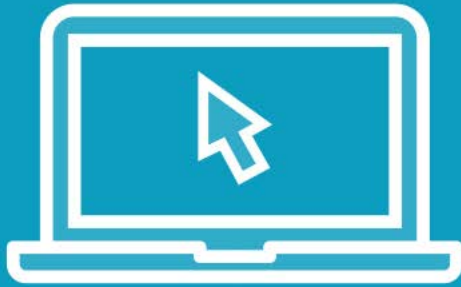


Post data

- 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



Web Forms
Explained
Demonstrated

Summary

