

# Understanding How MVC Works

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**J. Michael Palermo IV**

PALERMO 4 LLC

@palermo4 [www.palermo4.com](http://www.palermo4.com)



# Overview



**Describing MVC**

**Processing MVC**

**Demos**

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



# Describing MVC

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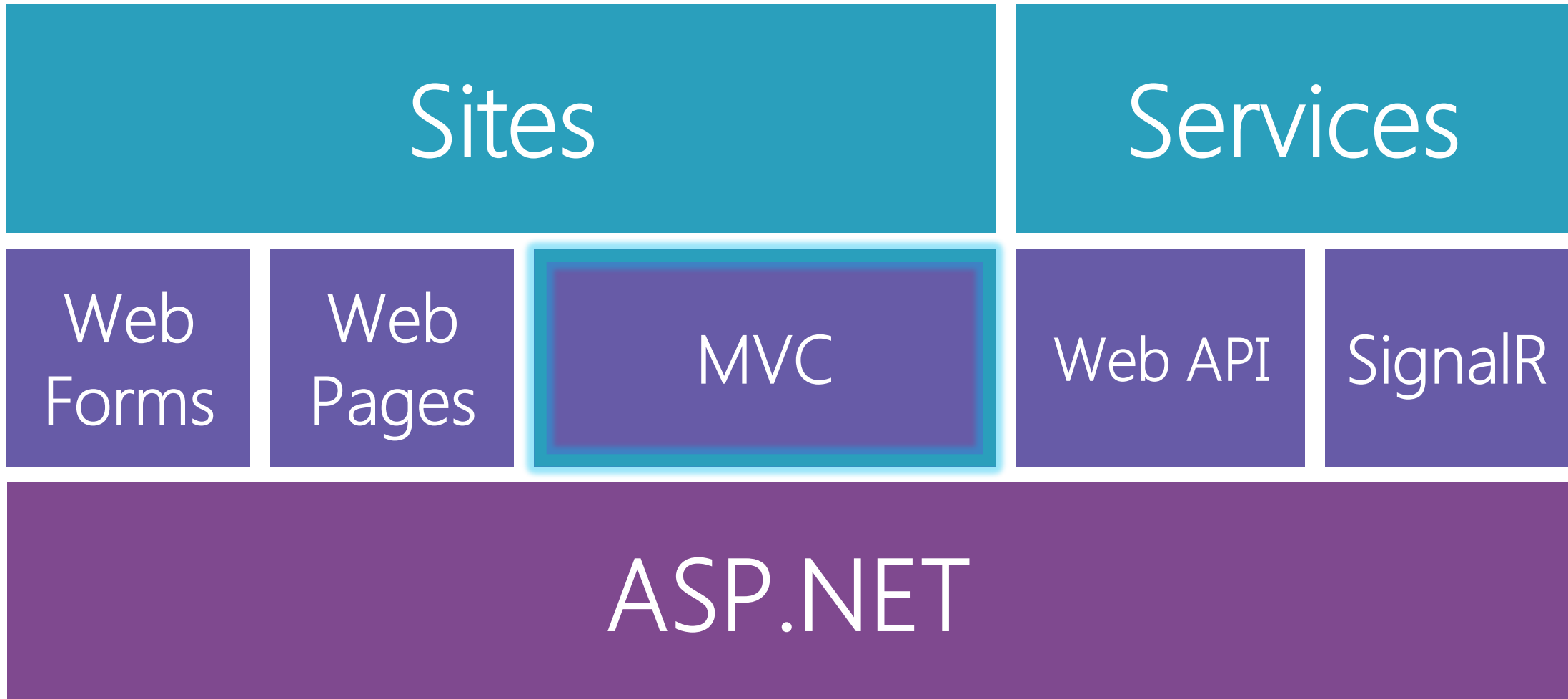
# ASP.NET MVC – Model View Controller

ASP.NET MVC gives you a powerful, patterns-based way to build dynamic websites that enables a clean separation of concerns and that gives you full control over markup for enjoyable, agile development.

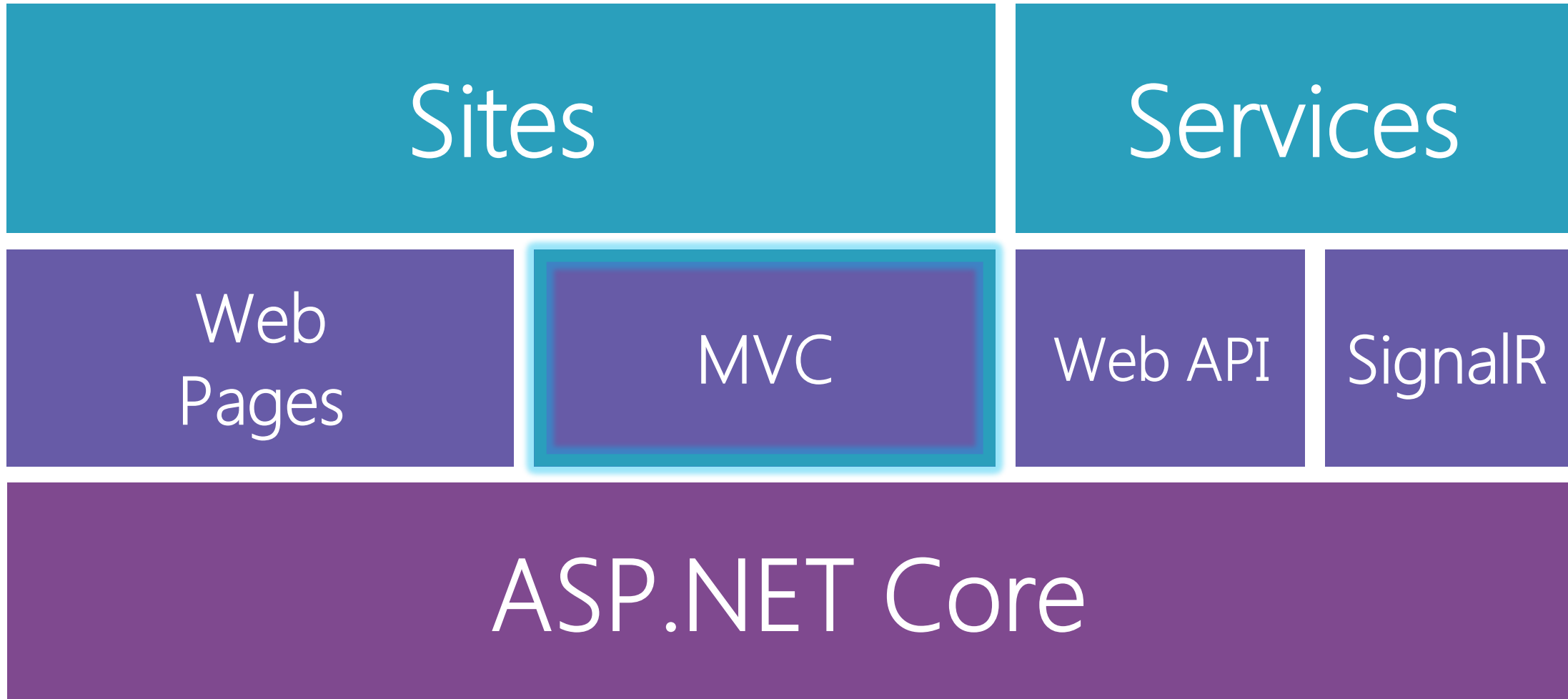
[www.asp.net/mvc](http://www.asp.net/mvc)



# Microsoft Web Platform



# Microsoft Web Platform





## Emphasis on “separation of concerns”

- Model      data
- View      user-interface
- Controller   processing

**Mature with continued investment**

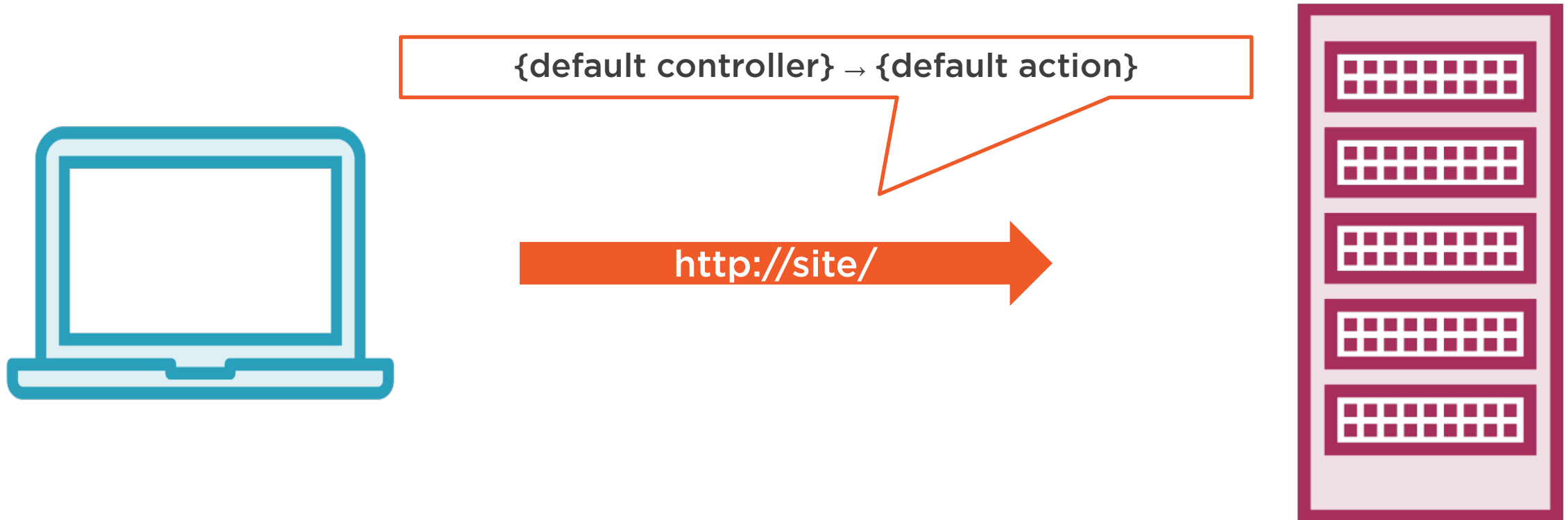
# Processing MVC

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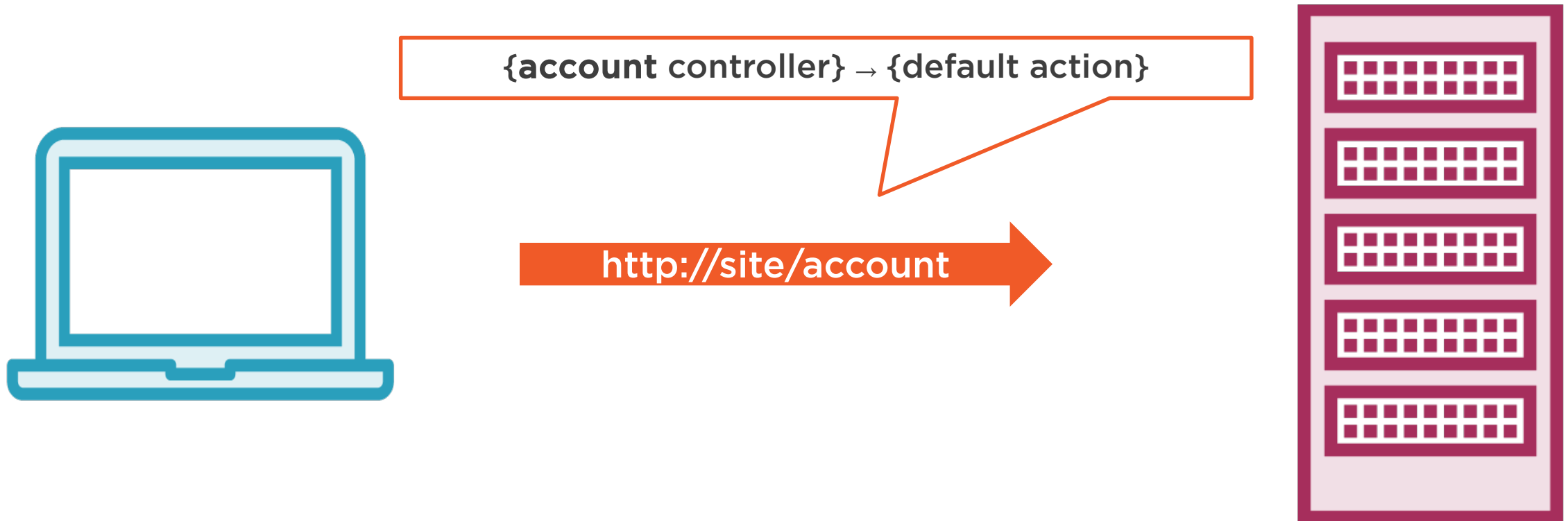




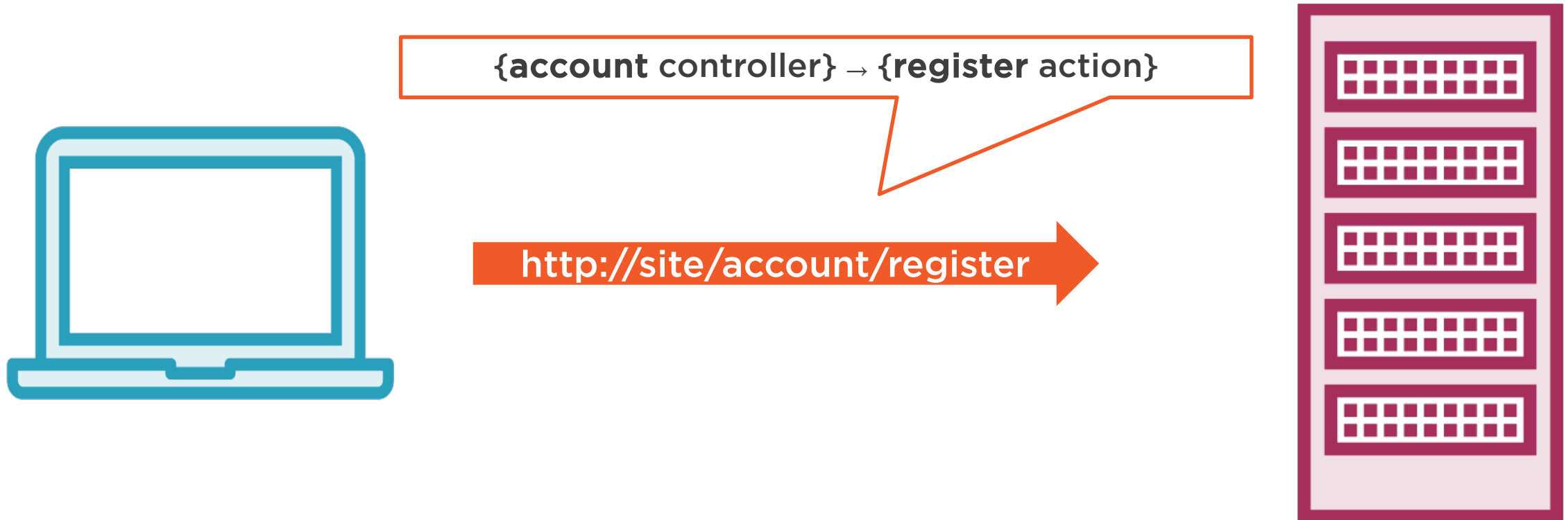
# HTTP Request



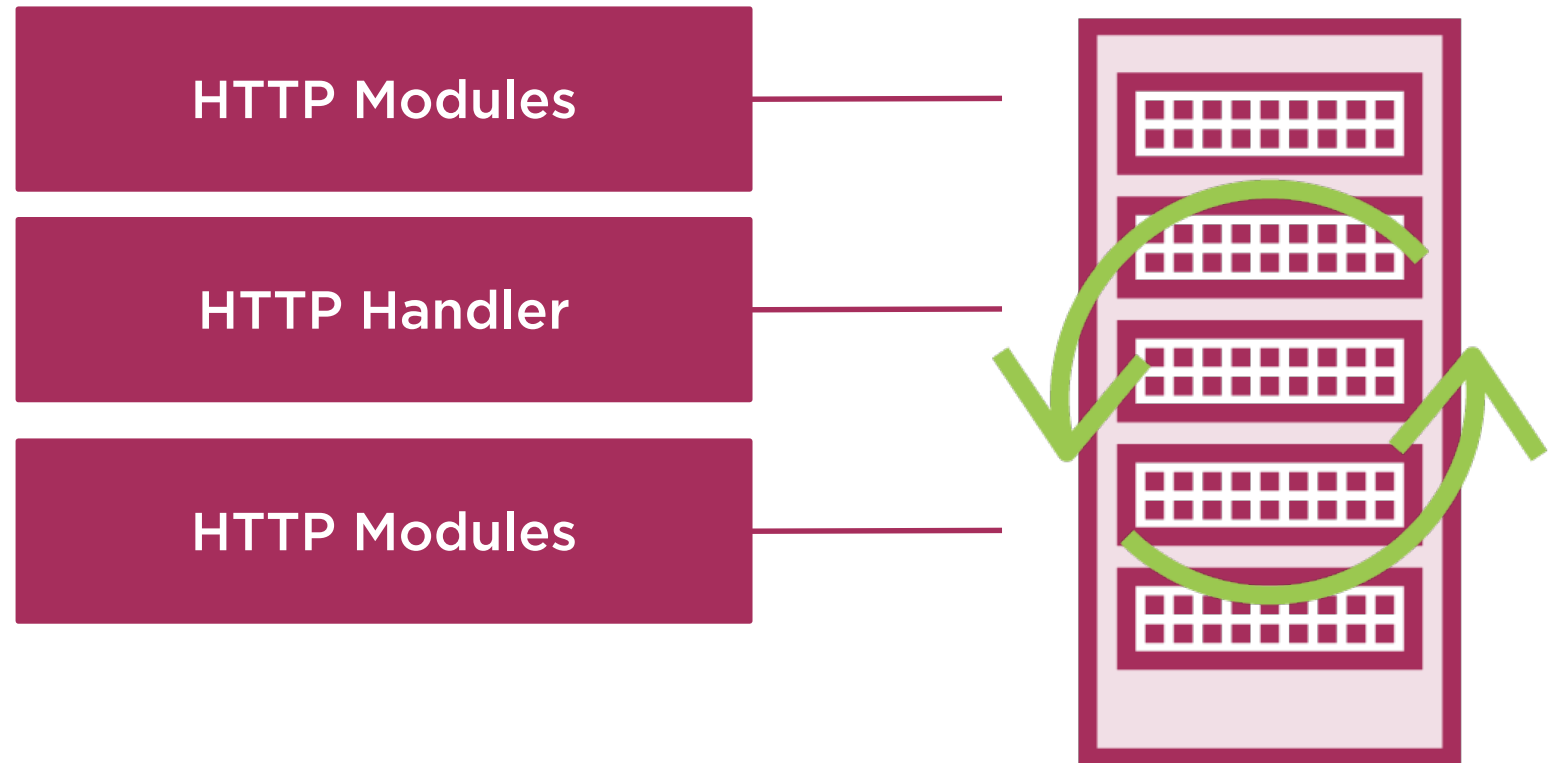
# HTTP Request



# HTTP Request



# HTTP Pipeline

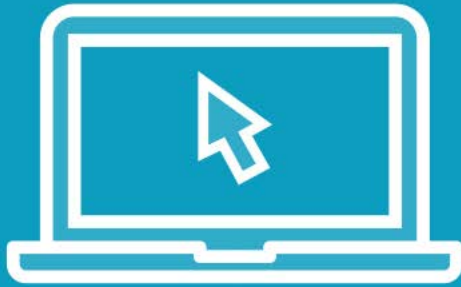


# MVC Demos

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# Demo

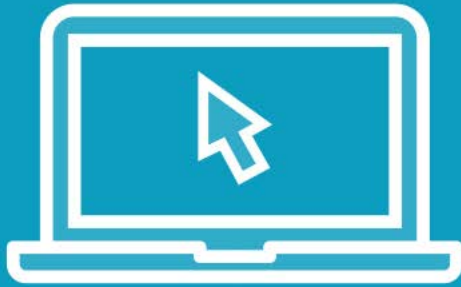


## Create web site

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



# Demo

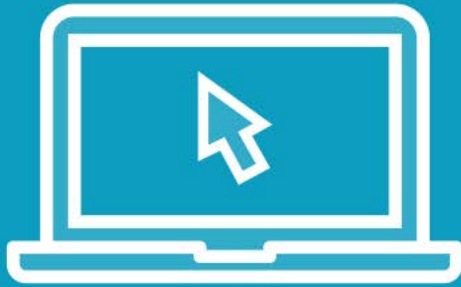


## Post data

- 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





**MVC**  
Explained  
Demonstrated

Summary

