

# Laying out Our Component-based Application

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# Overview



**The application**

**Designing a component tree**

**Planning the URL structure**

**Setting up components**



# The Application

- “Course Viewer”
- Modeled after Pluralsight site
- Simplified version

Course list  
Course info  
Author list  
Author info  
Discussion list  
Recent list  
Fully secure

COURSE VIEWER

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COURSE LIST

COURSE NAME	AUTHOR NAME
Building End-to-End Multi-Client Service Oriented Applications - Angular Edition	Miguel Castro
Developing Extensible Software	Miguel Castro
WCF End-to-End	Miguel Castro
WCF Power Topics	Miguel Castro
Designing & Building Component-Based AngularJS Applications	Miguel Castro
WPF MVC in Depth	Brian Kroyer
WPF Productivity Playbook	Brian Kroyer
WCF Jumpstart	Brian Kroyer
Aurika Fundamentals	Scott Allen
CM Fundamentals with Visual Studio 2015	Scott Allen
ASP.NET MVC 5 Fundamentals	Scott Allen
ASP.NET Core Fundamentals	Scott Allen
Play by Play: CM GSA with Scott Allen and Jon Skeet	Scott Allen
Angular JS: Get Started	Chris Kug
Understanding OWAs and SaaS	Adam Tulper
Hack-proofing Your ASP.NET Web Application	Brian Lagarias
Introduction to WPF: Custom Controls	Brian Lagarias
What's New in Python 3.5	John Schmitz
The Go Programming Language	John Schmitz
Preparing for a .NET Interview	John Schmitz
Using The Chrome Developer Tools	John Schmitz
Introduction to Objective-C	John Schmitz

COURSE VIEWER

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Building End-to-End Multi-Client Service Oriented Applications - Angular Edition

This course will take you through the development of a service oriented application from beginning to end and will include multiple types of clients.

Modules | Description | Discussion

COURSE DESCRIPTION

It seems to me that the longer I stay in this business, the shorter the time between new technology releases. There's enough stuff out there in the development world to keep us both excited and overwhelmed. Learning new tech has become easier with the all the information available to us, especially in the way of these Pluralsight courses. But learning how to use a technology and learning how to properly implement it or integrate it with other technologies can be a whole different ballgame. Service-Oriented systems have become mainstream, but designing applications in a service-oriented fashion require a different look on the components that make it up as well as technologies to support the architecture. This course will bring it all together for you by building on knowledge you have on technologies like WCF, Web API, ASP.NET MVC, WPF, and AngularJS and going from A to Z on the architecture, design, development, and testing of a complete system. And this system will not only use a multitude of technologies in the middle-tier, but will also be consumed by different UI clients on the web and the desktop. Know how to write services in WCF and Web API, but want to see some real-world implementation from both MVC and WPF clients, then this course is for you. Want to know how to implement dependency injection from the middle tier to the various UIs, then this course is for you. Want to write decoupled, testable software, then this course is for you. The final set of applications can be used as a skeleton and framework for any SOA-based system you write going forward, and the techniques used in its development will become part of your development arsenal forever.

Course Author

Miguel Castro

Whether playing on the local Radio Shack's TRS-80 or designing systems for clients around the globe, Miguel has been writing software since he was 12 ...

Course Info

Duration: 12h 32m 33s

Released: 9/17/2014

COURSE VIEWER

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Building End-to-End Multi-Client Service Oriented Applications - Angular Edition

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MODULE NAME

DURATION

0 - Welcome and Course Description	8m 17s
1 - Demo of a Service Oriented Application	10m 45s
2 - SOA and Technology	16m 56s
3 - Architecture and Database	21m 10s
4 - Entities and Core	1h 6m 56s
5 - Data Access (starting the business tier)	1h 14m 54s
6 - Services and Business Engines - Part 1	1h 2m 33s
7 - Services and Business Engines - Part 2	1h 0m 34s
8 - Service Hosting	45m 69s
9 - Client Access	40m 45s
10 - Car Rental Website - Part 1	1h 9m 34s
11 - Car Rental Website - Part 2	1h 33m 45s
12 - Car Rental Website - Part 3	1h 16m 15s
13 - Car Rental Desktop - Part 1	35m 59s
14 - Car Rental Desktop - Part 2	1h 5m 54s
15 - Conclusion and what	2m 43s

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# Designing a Component Tree - Home

Application

User Status (login/profile/logout)

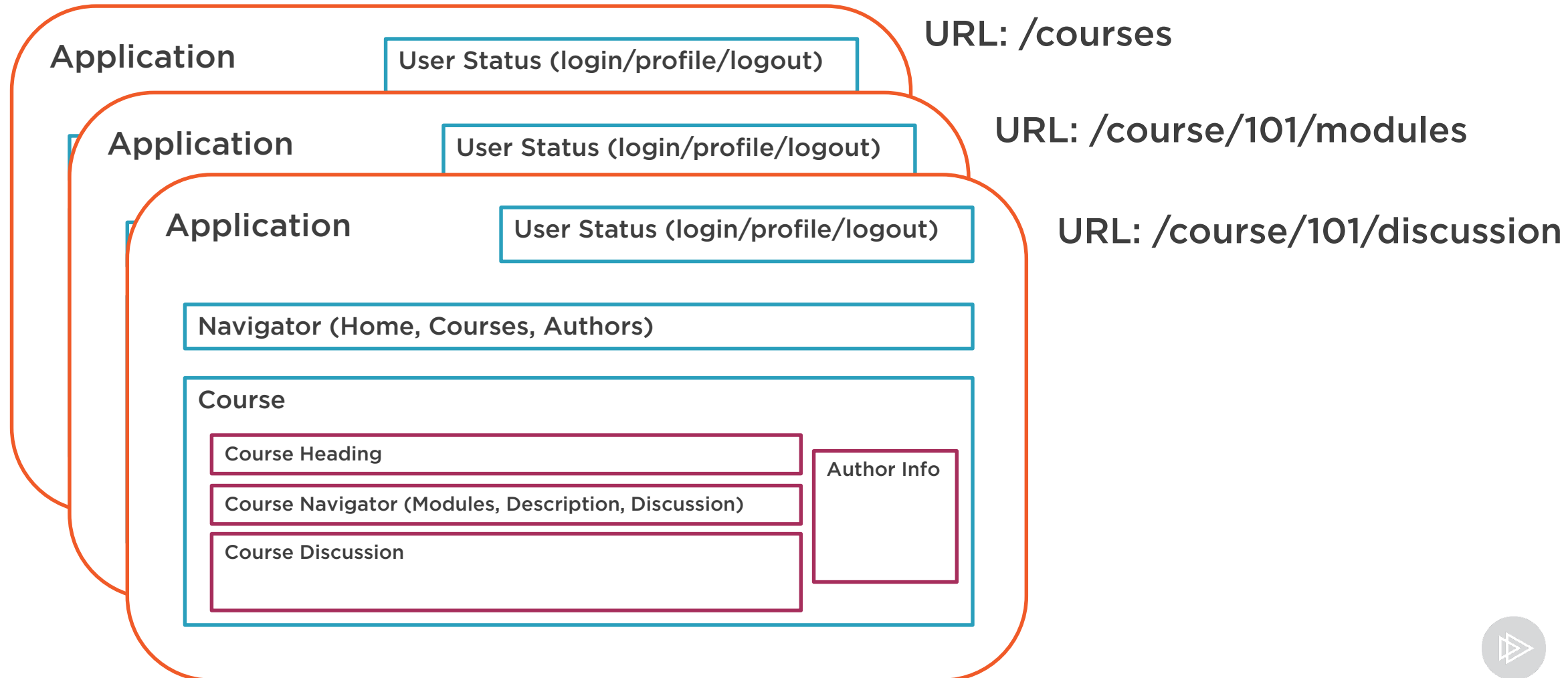
Navigator (Home, Courses, Authors) - *server refresh*

Recently Viewed Courses (Home)

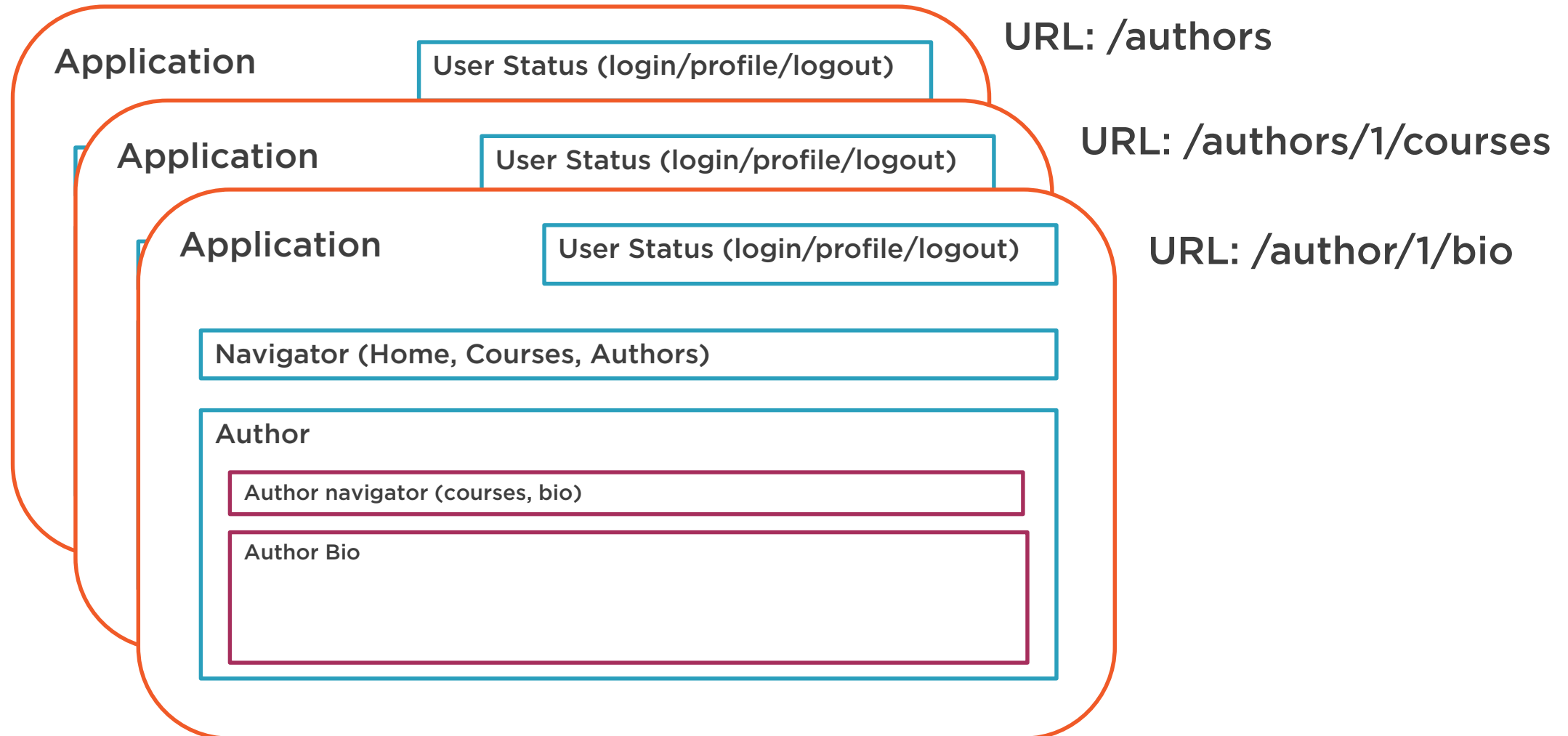
URL: /



# Designing a Component Tree - Courses



# Designing a Component Tree – Authors



# Demo



**Let's get to the really cool part!**

