Introducing Routing

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Overview

URLs as part of application design
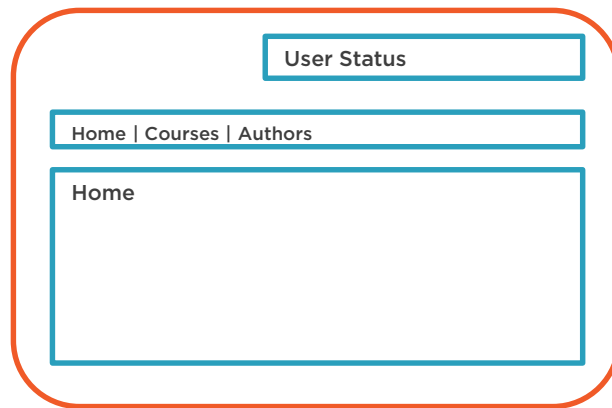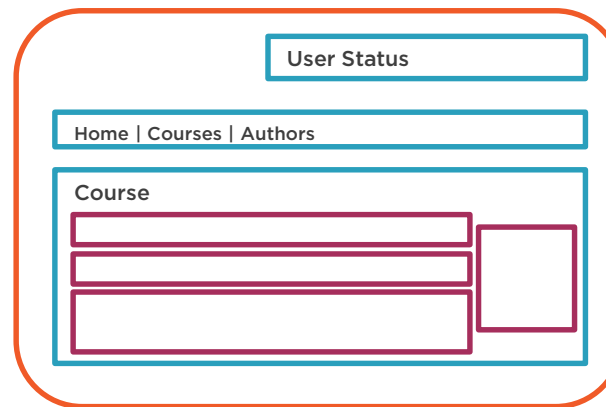
Angular UI Router

Start with basic routing on app

Routing & URLs as Part of Application Design

Need to think about allowing direct access to certain view 'states'
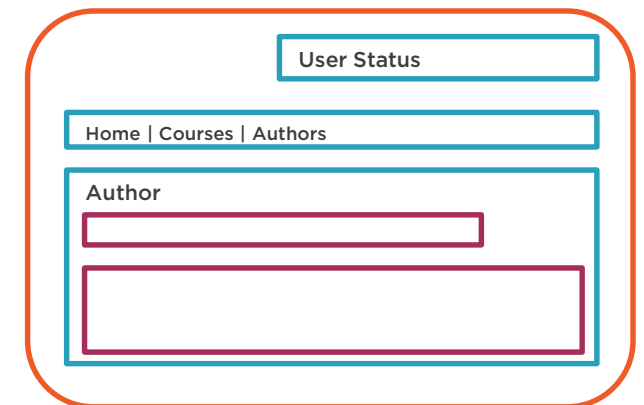
/ or /home

User Status

Home | Courses | Authors

Home

/course/101/modules

User Status

Home | Courses | Authors

Course

/author/12/courses

User Status

Home | Courses | Authors

Author

Angular UI Router

Multi-level router

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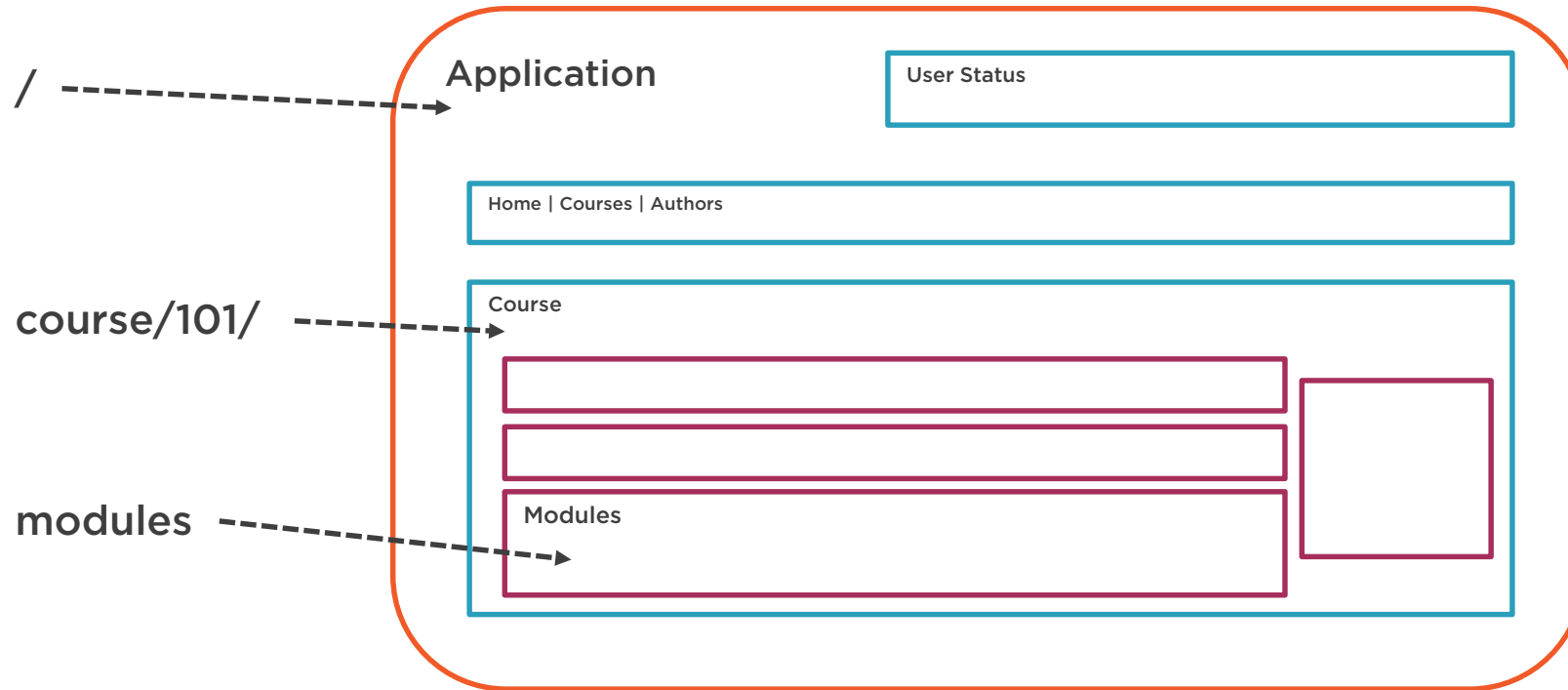...router.github.io/ng1/

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Comparison to Component Router

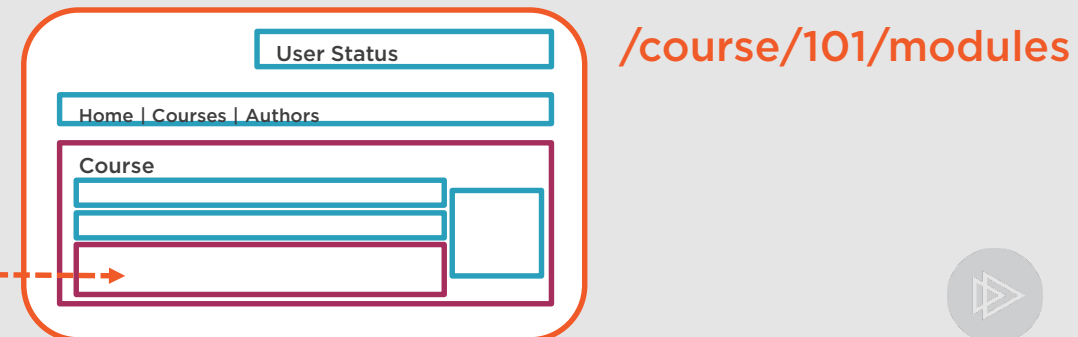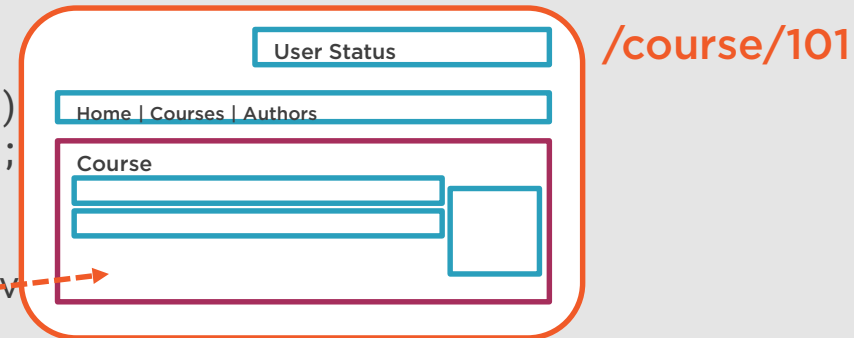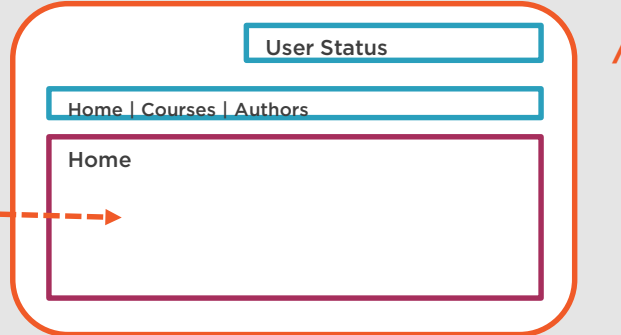## Component Router Deprecated !

URL: /course/101/modules

- AngularJS Component Router
  - Each route part defined in specific component

- Angular UI Router
  - Route-state definitions centralized outside of individual components

The Angular UI Router State Machine

```
appModule.config(function ($stateProvider) {
    var states = [
        {
            name: 'home',
            url: '/',
            template: '<home></home>'
        },
        {
            name: 'course',
            url: '/course/{courseId}',
            resolve: {
                courseId: function ($stateParams)
                    return $stateParams.courseId;
                }
            },
            template: '<course course-id="$resolv
                        </course>'
        },
        {
            name: 'course.modules',
            url: '/modules',
            template: '<course-modules course="vm.course">
                        </course-modules>'
        },
```

Demo

Angular UI Router setup

State definitions

Introduction to "ui-view" & "ui-sref"