

Additional Scenarios



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Overview



Owin

ASP.NET Web Forms

Client-side Libraries



Owin

What is it?

- Preferred by many as for hosting services
- Decoupled from ASP.NET
- Handles its own pipeline
- Introduces middleware constructs
- Served as the basis for ASP Core

Differences

- Not on the ASP.NET pipeline
- Not served by IIS
- Injection into pipeline performed by middleware components
- Uses Startup class

Similarities

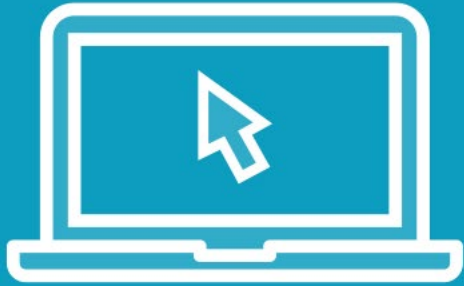
- Can host Web API services
- Same controllers
- Same filters
- Same routing
- Startup class bears resemblance to Global.asax

Autofac

- Autofac.WebApi2.Owin
- Autofac.Owin
- Registration options are same as before
- Resolving is as easy as before



Demo



Review of Startup class

Autofac integration packages

DI registration with Autofac

DI resolve

DI in middleware components



Web Forms

Why?

- Part of ASP.NET
- Directly supported by Autofac
- Can inject unlimited levels of components into Web Form Code-Behind classes
- Web Forms need love too

Autofac

- Web Forms integration package
- Installation of two Web Server modules in config file
- Minor modification of Global class
- Building the container in your registration technique of choice



Demo



Autofac integration package

Web.Config

global.asax

Code-behind classes



Client-side Libraries

ASP.NET

- Relied on a third-party container
- Autofac
- Additional integration packages for simplified usage
- Registration handled by Autofac
- Injection in standard C# syntax
- Resolve handled by Autofac

JS-based Client Libs

- Some JS library (or framework) are proprietary
- Some general-purpose products (Kontainer) exist
- No Autofac for JS
- No ASP.NET involved here

Happy Autofac'ing !!!

