

UMBRACO: THE V8 WAY



Hello



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Mummy, Music, Reading

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THE POLISHED BACK OFFICE

❖ Infinite Editing

❖ Content Apps

❖ Language Variants

❖ Element Types for Nested Content

❖ Datatype Tracking v8.4+

❖ Property Actions v8.4+

❖ Media Tracking v8.6+

- ❖ Dynamics no longer supported
- ❖ RenderModel replaced with ContentModel
- ❖ ApplicationContext.Current.Services => Current.Services
- ❖ UmbracoContext.Current => Current.UmbracoContext
- ❖ LogHelper => Current.Logger



COMPONENTS & COMPOSERS

- ❖ YourComponent : IComponent, your customisations
- ❖ YourComposer : IUserComposer, registers your customisations
- ❖ Components need explicit registration using Composers
- ❖ Dashboards, Data Editors, Property Value Converters etc are type scanned
- ❖ <https://our.umbraco.com/documentation/implementation/composing/#collections>

❖ IRuntimeComposer/CoreInitialComposer

❖ ICoreComposer

❖ IUserComposer

- ❖ CORS
- ❖ Custom Request Handlers
- ❖ Events
- ❖ Property value converters
- ❖ Custom Routes
- ❖ Content Finders
- ❖ Health checks
- ❖ Register custom controllers e.g. swap the default RenderMvcController
- ❖ Scheduled Tasks

[ComposeBefore(typeof(BarComposer))]

```
public class FooComposer : IUserComposer
{
    public void Compose(Composition composition)
    {
    }
}
```

[ComposeAfter(typeof(ThatComposer))]

```
public class ThisComposer : IUserComposer
{
    public void Compose(Composition composition)
    {
    }
}
```



DEPENDENCY INJECTION



CONFIGS

- ❖ Applications.config
- ❖ Dashboards.config
- ❖ Examineindex.config
- ❖ ExamineSettings.config
- ❖ FileSystemProviders.config
- ❖ Trees.config

Redundant, replaced by
code/package.manifest

- ❖ umbracoSettings.config
- ❖ ClientDependency.config
- ❖ HealthChecks.config
- ❖ tinyMceConfig.config
- ❖ ImageProcessor config files

❖serilog.config

❖serilog.user.config



DASHBOARDS



SECTIONS



EXAMINE



CONTENT APPS



MODELSBUILDER

- ❖ Part of Umbraco Core v8.5+
- ❖ Lighter version
- ❖ PureLive, AppData & LiveAppData modes only
- ❖ Changes in the configuration options available e.g. `Umbraco.ModelsBuilder.EnableApi` is not available



PROPERTY ACTIONS

V8.4+

Content

Home

Products

People

About Us

Blog

Contact

Recycle Bin

Contact

Content

Text



Copy Text

Remove all items

Item 1

Item 2

Add content

MNTP Multiple

Add

Map

Map Header

You'll find us here

Map Coordinates





SCHEDULED TASKS



SERILOG

- ❖ Replaces Log4Net
- ❖ Structured JSON logged into App_Data/Logs
- ❖ Various levels of logging – Verbose, Debug, Info, Warning, Error, Fatal
- ❖ Extension methods expect a message template and the value to be logged as a parameter
- ❖ Do not use string interpolation to log the value alongside the messages

H5YRS

- ❖ Callum Whyte
- ❖ Paul Marden
- ❖ Nik Rimington
- ❖ Paul Seal
- ❖ Nathan Woulfe



MANCHESTER AND NORTH WEST UMBRACO MEETUP, APRIL 2020

H5YR
