

UMBRACOSPARK

INNOVATION CONFERENCE

The Umbraco v8 FAQ

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22 MARCH 2019 // M SHED BRISTOL, UK

8.365.112 SITES

Estimated number of sites running Umbraco v8 in a distant future, provided that all other CMSes give up and Umbraco becomes the only CMS – number may vary

?

VARIANTS

Document

FR: "bonjour" → /bonjour

EN: "hello" → /hello

example.com/fr → FR
example.com/en → EN

Document

FR: "bonjour" → /bonjour

EN: "hello" → /hello

COMPOSITION

DEPENDENCY INJECTION

COMPOSER

```
public class MyComposer : IComposer
{
    public void Compose(Composition composition)
    {
        // ...
    }
}
```

```
// set the last chance content finder  
composition.SetContentLastChanceFinder<MyLastChanceFinder>();  
  
// append a finder to the pipeline  
composition.ContentFinders().Append<MyContentFinder>();
```

```
// register  
composition.Register<ISomething, Something>();
```

PREDICTABLE COMPOSITION

```
[ComposeAfter(typeof(MyOtherComposer))]  
[Disable(typeof(OtherComposer))]  
[RuntimeLevel(MinLevel = RuntimeLevel.Install)]  
public class MyComposer : IUserComposer  
{  
    public void Compose(Composition composition)  
    {  
        // ...  
    }  
}
```

COMPONENT

```
public class MyComponent : IComponent
{
    public void Initialize()
    {
        // ...
    }

    public void Terminate()
    {
        // ...
    }
}
```



```
public class MyComponent : IComponent
{
    private readonly IContentService _contentService;

    public MyComponent(IContentService contentService)
    {
        _contentService = contentService;
    }
}
```

```
public void Compose(Composition composition)
{
    composition.Components().Append<MyComponent>();
}
```

THE CACHE

UMBRACO CONTEXT

```
private readonly IUmbraContextFactory _contextFactory;

public MyComponent(IUmbraContextFactory contextFactory)
{
    _contextFactory = contextFactory;
}

public void Initialize()
{
    using (var contextRef = _contextFactory.EnsureUmbraContext())
    {
        var context = contextRef.UmbraContext;

        // ...
        var item = context.ContentCache.GetById(1234);
    }
}
```

THE DATABASE

SCOPE

```
private readonly IScopeProvider _scopeProvider;

public MyComponent(IScopeProvider scopeProvider)
{
    _scopeProvider = scopeProvider;
}

public void Initialize()
{
    using (var scope = _scopeProvider.CreateScope())
    {
        scope.Database.Execute("DELETE * FROM umbracoNode;");

        scope.Complete();
    }
}
```


DI.DIE.DIE.DIE

```
public void Whatever()  
{  
    Current.Logger.Debug<MyClass>("Hello!");  
}
```

```
public void Whatever()  
{  
    var service = Current.Factory.GetInstance<IMyService>();  
}
```

ELEMENTS

MIGRATIONS



```
// fill it in the morning
```

MIGRATING FROM v7

WHAT ELSE?

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Thank You!

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TODO

add `composition.Configs.AppSettings`

how to get the absolute url of a media? `Url.GetAbsoluteMediaUrl(media)` but what about... outside views?