



A wooden treasure chest, open, revealing a large quantity of gold coins inside. A brown and white striped blanket is draped over the left side of the chest. The chest is made of dark wood with metal bands and latches. The background is a solid light gray.

I found this practical list:

[illegible]

And sometimes it can also be pretty useful to know exactly which versions of the various assemblies are loaded. Like you can see here:

```
/episerver/shell/debug/ShowFileVersions
```

It looks like this:

Number of Assemblies: 250

Quality Assembly Name	FileVersion	AssemblyVersion	Location
EntityFramework.SqlServer, Version=6.0.0.0, Culture=neutral, PublicKeyToken=7b58532f28a69899	6.400.420.21404	6.0.0.0	C:\Github\Bigsuite\Optimize\src\
EntityFramework, Version=6.0.0.0, Culture=neutral, PublicKeyToken=7b58532f28a69899	6.400.420.21404	6.0.0.0	C:\Github\Bigsuite\Optimize\src\
Microsoft.AspNet.Core.Watch.BrowserRefresh, Version=0.401.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.4.121.42440	5.0.401.0	C:\Program Files\done\BMS\5.0.401 servicing\21424.40\tools\msi\Only
System.Text.Encoding.Web, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.1	C:\Program Files\done\shared\Micr
System.IO.Pipelines, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.120.87814	5.0.0.1	C:\Program Files\done\shared\Micr
System.Diagnostics.EventLog, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.321.7212	5.0.0.1	C:\Program Files\done\shared\Micr
Microsoft.Extensions.DependencyInjection, Version=5.0.0.1, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.821.31504	5.0.0.1	C:\Program Files\done\shared\Micr
System.Xml.XPath, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.0	C:\Program Files\done\shared\Micr
System.Xml.Xsl, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.0	C:\Program Files\done\shared\Micr
System.Xml.XDocument, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.0	C:\Program Files\done\shared\Micr
System.Xml.ReaderWriter, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.0	C:\Program Files\done\shared\Micr
System.Web.HttpUtility, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.0	C:\Program Files\done\shared\Micr
System.Transactions.Local, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.0	C:\Program Files\done\shared\Micr
System.Threading.Timer, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.0	C:\Program Files\done\shared\Micr
System.Threading.Tasks.Parallel, Version=6.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364d36	5.0.1021.42124	5.0.0.0	C:\Program Files\done\shared\Micr

TimeMeters

And finally we have classic listing of where the startup time was spent.

/episerver/shell/debug/ShowTimeMeters

Very practical when optimizing for performance - although I must admit that everything running on .net 5 seems to be blazingly fast!

Episerver	ContentProviderInitialization	Initiation	27
Episerver	FormattersProviderRegistryInitialization	Initiation	23
Episerver	PingInitiation	Initiation	16
Episerver.Om.AspNetView.Templating	TemplateRegistrationInitializationModule	Initiation	15
Episerver	PingInitiationInitialization	Initiation	14
Episerver.Frameworks	ServiceContainerInitialization	ConfigurationContainer	14
Episerver	ContentInitialization	Initiation	12
Episerver.Frameworks	FormProviderInitialization	Initiation	11
Episerver.Shell	ShellRegistrationModuleAuthProviderModule	Initiation	9
Episerver.Frameworks	InitializationEngine	InitialTemplate Episerver.Initialization.Internal.ContentInitializationModule	8
Episerver.Shell.OS	InitializationModule	Initiation	8
Episerver.ApplicationModule	DefaultFieldFormAndStorageInitialization	Initiation	5
Episerver.Runtime	RenderInitialization	Initiation	4
Episerver	ContentInitialization	Initiation	3

There is also another view for showing StructureMap services - but since it's not the default DI anymore I am not sure how useful it is.

Granted, it's not the full DeveloperTools which I'm looking forward to being released for CMS 12 - but it's a starting point.

Tips and Tricks Optimizely (Episerver)

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