Cheatography

Microsoft Extensibility Framework Cheat Sheet by r.schindhelm via cheatography.com/51393/cs/14064/

Export		Catalogs
Export type	<pre>[Export(typeof(IOperation))] class A : IOperation { }</pre>	Aggrega teCatalo
Export type hiera	<pre>archy [InheritedExport(typeof(IOperation))] class A : IOperation { } class B : A { }</pre>	g Applicati onCatal- og
Export specific contract (catego	<pre>[Export("MyContract", TY) typeof(IOperation))] class A : IOperation { }</pre>	Assemb lyCatalo- g
Import		Director yCatalo g
01	<pre>[Import(AllowDefault = true)] IOperation operation;</pre>	Filtered Catalog
11	[Import] IOperation operation;	TypeCat alog
0*	[ImportMany] IEnumerable <lazy<ioperation, IOperationMetadata>> operations;</lazy<ioperation, 	Boilerpla var cat
Import specific contract	[Import("MyContract")] IOperation operation;	var cor

Catalogs		
Aggrega teCatalo g	Combines multiple catalogs.	
Applicati onCatal- og	Discovers attributed parts in the dynamic link library (DLL) and EXE files in an application's directory and path.	
Assemb lyCatalo- g	Discovers attributed parts in a managed code assembly.	
Director yCatalo g	Discovers attributed parts in the assemblies in a specified directory. Use the overload with two parameters to narrow down DLLs and EXEs.	
Filtered Catalog	Represents a catalog after a filter function is applied to it.	
TypeCat alog	Discovers attributed parts from a collection of types.	
Boilerplate code for using 0n catalogs: var catalog = new AggregateCatalog();		
catalog.Catalogs.Add(otherCatalog);		
<pre>var container = new CompositionContainer(catalog);</pre>		

The import attributes work on class fields.

For the ImportMany attribute to work, the type of the field must be a collection type.



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