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There are a number of extensibility points within DevForce which allow you to **customize** your application processing. We list them here.

The first time DevForce finds and uses your custom classes it will [log](#) this fact to the debug log (or other [ITraceLogger](#) implementation). This information, along with logging about all assemblies loaded into the ["parts" catalog](#), can help in diagnosing problems should they occur.

Use DevForce Types

The following tables list the DevForce interfaces and base types which you can implement or extend to provide customization for your application. You'll notice that in some cases there are default implementations for an interface; in these cases you can either implement the interface directly or sub-type the base class to provide the customization you require.

Interface	Discovery	Purpose	Topic
ICompositionContextResolver	Client and Server	Provides for resolution of custom Composition Contexts.	Discovery
IConcurrencyStrategy	Server	Assigns the value of a concurrency field.	Concurrency
IDataSourceKeyResolver	Client and Server	Determines the data source key and connection information.	Data sources
IEntityLoginManager	Server	Validates user credentials.	Security
IIdGenerator	Client and Server	Assigns temporary and permanent IDs for entities.	Custom ids
IKnownType	Client and Server	Indicates a known type.	Known types
IKnownTypeProvider	Client and Server	Provides programmatic specification of known types.	Known types
ILoginCredential	Client and Server	Defines user credentials.	Security
ITraceLogger	Client and Server	A custom logger.	Log
ITraceLoggerProvider	Client and Server	Provides custom logging.	Log
IVerifierProvider	Client and Server	Provides programmatic specification of verifiers.	Validation
Base Type	Discovery	Purpose	Topic
AspAuthenticatingLoginManager	Server	Default <i>IEntityLoginManager</i> when using ASP.NET security.	Security
BaseCompositionContextResolver	Client and Server	Default <i>ICompositionContextResolver</i> implementation.	Discovery
DefaultConcurrencyValueSetter	Server	Default <i>IConcurrencyStrategy</i> implementation.	Concurrency
DefaultDataSourceKeyResolver	Client and Server	Default <i>IDataSourceKeyResolver</i> implementation.	Data sources
EntityServerErrorInterceptor	Server	Intercept and filter exceptions before sending to the client.	Security
EntityServerPocoSaveAdapter	Server	Provides save processing for POCO classes.	POCO
EntityServerQueryInterceptor	Server	Intercept and customize query processing.	Query
EntityServerSaveInterceptor	Server	Intercept and customize save processing.	Save
EntityServiceApplication	Server	Allows for interception of EntityService events.	Configure
FormsAuthenticationLoginCredential	Client and Server	<i>ILoginCredential</i> which can be used with ASP.NET Security.	Security
LoginCredential	Client and Server	Default <i>ILoginCredential</i> implementation.	Security

ServiceHostEvents	Server	Customize configuration of WCF services.	Configuration
ServiceProxyEvents	Client	Customize configuration of WCF proxies.	Configuration
UserBase	Client and Server	Default <i>IPrincipal</i> implementation.	Security
UserIdentity	Client and Server	Default <i>Identity</i> implementation.	Security

Use DevForce attributes

There are also a few attributes which DevForce will look for to provide specific functionality. There are other DevForce attributes, such as those for [validation](#), [property interception](#), and [authorization](#), but we won't list them here since they don't directly relate to the topic of discoverability and extensibility.

Attribute	Discovery	Purpose	Topic
AllowRpcAttribute	Server	Indicates an invoked server method.	Server methods
DiscoverableTypeAttribute	Client and Server	Indicates a known type.	Known types
EnableClientAccessAttribute	Server	Indicates a provider of CRUD processing for POCO classes.	POCO