

Metadata Exchange

Miguel A. Castro
@miguelcastro67



What Is Metadata

- The API shape and transport characteristics of a service
- Exposed in WSDL
- Potential consumers have a special address to obtain information
- Visual Studio uses this for “Add Service Reference” (ASR)
- All client code gets auto-generated
 - Data Contracts, Service Contracts, Client Proxies
- Contracts are “equivalent”

Metadata Exposure

- Behavior can be exposed in two forms
- Using HTTP through a base address
 - Requires **<serviceMetadata>** behavior with **httpGetEnabled** property
- Using a MEX endpoint on HTTP, TCP, or IPC
 - Requires **<serviceMetadata>** behavior
- MEX endpoint can also be added programmatically
 - Similar to earlier examples
 - Binding created with static helper method

Demo Time