

What's in a Name? : Types and Semantics in a Web Service Universe



Don Box
Architect
XML Web Services
Microsoft Corporation

Caveats

- There is no one right answer
- Condemned to live with heterogeneous world view
- Mostly illustration of issues - a few “better practices” along the way

Type Compatibility, Equivalence, Constructors, and Inference

Getting the basics down

Type Compatibility in C

Yes, C had types

Type Compatibility in C++

Substitution, generics

Type Compatibility in CLR

Marker interfaces, attributes, *&[], delegates

Type Compatibility in SQL

Yes, SQL has types too

Type Compatibility in XML Schema et al

Restriction, wildcards, psvi, f&o

Type Compatibility in SOAP

Managed extensibility, independent schema

Type compatibility in WSDL?

Message? PortType? One Port or Two?

Q&A

Your chance to throw things at the speaker...