

WSDL Extensibility

Feedback from the WS-Addressing WG
to the WSDL WG

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Some Constraints

- WS-Addressing Chartered to provide a binding for WSDL 1.1 and WSDL 2.0
- We've an aggressive schedule – produce binding Last Call documents by March 2005
- Strong preference to use same mechanism for both WSDL bindings

“Properties”

Some ‘obvious’:

- destination
- source endpoint
- reply endpoint
- fault endpoint
- action
- message id
- relationship
- reference properties
- *[reference parameters]*

Others are more ‘dynamic’:

- source endpoint
- reply endpoint
- fault endpoint
- message id

Levels for Properties

- Properties may live on:
 - Interface ('portType')
 - Binding
 - Endpoint ('service')
- Inheritance / Defaulting

Choice

- WSDL 1.1 allows for 'open content'.
- WSDL 2.0 allows for 'open content'
- WSDL 2.0 also provides 'Features and Properties'
- Possible to back-port F&Ps to WSDL 1.1
nothing WS-Addr can currently reference

Some “Preferences”

- Some folks ‘prefer’ Features and Properties as provided by WSDL 2.0
- Others ‘prefer’ XML extensibility as allowed by WSDL 1.1 and WSDL 2.0
- Some wanted to provide both!

Interoperability is at risk here!

References

- Hugo's summary:
<http://www.w3.org/2002/ws/addr/4/dec-f2f-minutes.html#item12>
- Discussion at Redmond F2F:
<http://www.w3.org/2002/ws/addr/4/dec-f2f-minutes.html#item12>