WSDL Extensibility

Feedback from the WS-Addressing WG to the WSDL WG
January 2005
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