

## ISSUE:

As of this time it has been resolved for the WS-Choreography specification to support or conform to:

- BPEL 1.1
- WSDL 1.1 (per BP 1.1 restrictions)
- XPath 1.0 (implied by XInclude)
- WSDL 2.0

There remain the following specifications whose relationship to WS-Choreography still requires clarification:

- BPMN 1.0
- WS-Coordination
- WS-Reliability
- WS-Addressing

## ANALYSIS:

The BPMN 1.0 specification supports CDL concepts via its collaboration model and related attributes. BPMN also supports WSDL 1.1 - which is transparent to CDL.

The WSRM (OASIS WS-ReliableMessaging) specification is an open and emerging standard, as opposed to the WS-ReliableMessaging specification from IBM and Microsoft, which is proprietary. WSRM supports WSDL 1.1 per BP 1.1 and WSDL 2.0 MEPs (with respect to their robust forms) and thus is transparent to CDL.

The WS-Addressing (W3C Member Submission 10 August 2004) specification apparently does not constrain or otherwise impact compatibility with CDL. Note that WS-Addressing is conformant to SOAP 1.2 and is designed to be able to work with WSDL 1.1.

The WS-Coordination Framework and WS-BTP specifications are open and emerging standards, as opposed to the WS-Coordination specification which is proprietary and in its present form depends on the pre-W3C proprietary WS-Addressing specification. The WS-Coordination Framework and WS-BTP conform to WSDL 1.1.

## PROPOSAL:

The WS-Choreography specification should include language indicating conformity with or support for the following specifications:

- BPMN 1.0
- WSRM (OASIS WS-ReliableMessaging)
- WS-Addressing
- WS-Coordination Framework/WS-BTP

