Minutes

Meeting: PESC Technical Advisory Board
Time: Thursday, Feb 16, 2012, 3 PM ET
Call-in Number US: 1-888-205-5513
Call-in Number Outside US: 719-955-0562
Access code: 952016#.

Attendees:

Sue Lou
Jam Hamidi
Steve Margenau
Michael Morris

Agenda

Topic	Lead	Approx. Time
Minutes Review	Morris	1 min
Status of XML R&R	Lou	0 min
NIEM Core and Domain structure	Morris/Webber	50 min
Action item Summary	Morris	0 min

Minutes: Morris

Discussion

The team reviewed various features of the niem-core and international trade (domain) schemas to understand what changes needed to be made in PESC schemas to become NIEM like:

1. PESC defines the element types within a complex type structure. Thus elements are defined locally and types defined globally. The NIEM schemas define elements globally and they use a reference (ref) to the global elements in the type definitions. PESC would need to make elements global to meet this approach. This would not have any effect on instance documents so it is something we could start today.
2. Groups do not appear to be used in NIEM. Modifying groups into types may require a change in instance documents. This needs further research
3. NIEM provides documentation tags that include definitions of every element, type, and enumeration. PESC documentation is inconsistent. PESC should incorporate this practice immediately.
4. NIEM associates common metadata tags with its elements. These appear to be optional for instance documents. This area needs more research.
5. NIEM provides appinfo tag information in some of its elements. This needs further investigation.
6. NIEM uses substitution groups extensively. Core-main also has a few substitution groups. We need to understand how to use these effectively.

The next steps will be to further investigate the changes that need to be made to PESC schemas to become part of a NIEM Education domain.