XML Working Group

Joan Ugljesa

NDIA PMSC
August 24, 2004

949-609-2999
jugljesa@aim-pmcs.com

Background

- What's the purpose of the working group?
  - Migrate the essence of the schedule and cost ANSI X12 transaction sets (806, 839) and UN/EDIFACT messages (PROTAP, PROCST) to an XML schema format
  - Intent is to:
    - Address formal government contract requirements
    - Facilitate data exchange between other related entities such as a prime and their subs

What's Happened So Far

- PMSC meeting August, 2003
  - Work group formed
- PMSC meeting January, 2004
  - Motion made and carried to take the formal standards path
  - Initiated contacts to determine best path forward

What's Happened So Far

PMSC meeting April, 2004

- Reported on 2 possible paths: ANSI X12 and UN/CEFACT
  - Both in process of finalizing basic components needed to define standards-based schemas
  - Long development time frame
- OSD PA&E provided point of contact with the Aerospace Industries Association (AIA) to further investigate their XML activities
  - AIA Electronic Enterprise Integration Committee
- Dept. of Interior contact
  - xml.gov Emerging Technology Group is interested in development work/progress

Current Plan

- Actively pursuing best path forward
  - ebXML framework with OASIS and UN/CEFACT core components
  - Plus the Open Applications Group (OAGi) schema development rules
- Complements AIA XML efforts
  - Working with OAGi to develop schemas for DoD purchase orders and contracting

ebXML

- ebXML is built on XML and other Internet standards to create an infrastructure for information and process based electronic business
  - Is open and free to anyone with interest
  - Based on process models encoded in XML
  - Supports any type of data
  - Provides framework and core components
- Gaining momentum fast – merging many XML, Internet, and ISO standards efforts
- Recognized by ISO

About OAGi

- Not for profit industry consortium
- Standards development organization
  - Uses ebXML core components
  - Broad set of schemas are widely used nationally and internationally (9 year history)
  - Endorsed by and affiliated with other industry associations (AIA, European aerospace industry)
  - UN/CEFACT approved XML syntax payload
  - Practical, well proven, fast track approach to developing royalty free schemas
  - Good fit for project management data!

What's Next

- Initial background materials provided for OAGi August working group meeting
  - May create a new working group or join existing one
  - Currently working membership issues and details
- Must create a series of deliverables that conform to development approach and complete approval process
- Once work begins, fast track approach means we can complete development within 5 to 8 months (typical development time)
- Will incorporate latest updates to the CPR and IMS DIDs

What's the End Benefit?

- A library of XML cost and schedule components defined in a broadly used industry standard

- Software vendor neutral format

- Established a formal standard that can be cited in contracts and requirements much like the ANSI X12 EDI transaction sets or the EIA/ANSI 748 EVMS standard

  - Follows OMB Circular A-119 which encourages agency use of voluntary consensus standards

Resources

ebXML	www.ebxml.org
OASIS	www.oasis-open.org
UN/CEFACT	www.unece.org/cefact/index.htm
Open Applications Group (OAGi)	www.openapplications.org
Log of working group activities and documents	www.aim-pmcs.com Follow the link at the bottom of the home page