



EDI/XML Working Group

NDIA Program Management Systems
Subcommittee

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Discussion Agenda

- Purpose
- Background
- Scope
- Approach
- Caveats



Purpose

- Is to develop and publish a set of XML schemas for the purpose of exchanging cost and schedule data
 - Intent is to address:
 - Contract requirements for US federal government
 - Facilitate data exchange between other related entities (for example: a prime contractor and their subs)



Background

- 1990's: developed a series of ANSI X12 transaction sets and UN/EDIFACT messages along with US federal implementation conventions to standardize data exchange
 - 196 – CCDR
 - 839 – C/SSR, CPR, CFSR (PROCST)
 - 806 – Schedule (PROTAP)
- Served purpose at the time, means and methods have improved
- De facto standard today: XML



Scope

- Foundation/starting point: 806 and 839 X12 transaction sets, UN/EDIFACT messages, implementation guides
 - Do have their limitations; intent is to build in experience gained
- Identify common additional elements to create a more robust end result
 - Review other commercially available XML DTD (document type definitions) and schemas



Scope

- Focus on:
 - Overall contract data
 - Reporting structures and codes
 - Calendars
 - Milestones, activities, resources
 - Time based and summary cost data
- Will not include:
 - Calculated values (example: CV, SV, CPI, SPI)
 - CCDR related items (separate effort, but possible to share a limited set of items)



Approach

- Software vendor neutral XML schemas
- End goal: post to DoD XML repository
- Ensure all players have a say in end result
 - Software vendors
 - Contractors
 - Government end users
- Modular approach
- Have something published/useable in 12 month or less time frame



Caveats

- Need DoD sponsor to post to XML repository
- Must work closely with software vendors – need their support and cooperation
- Will need contractor and government volunteers to use schemas on test basis to verify we have meet their needs
- Users need to understand they can extend the XML schemas – XML allows means to build on foundation
- Avoiding standards-setting bodies – going route of posting to DoD XML repository instead
- Consider updating C/SSR, CPR, and CFSSR DIDs to include XML