JSON Task Force Meeting

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| **Meeting Date: 10/30/2017** | **Time: 1:00 PM ET** |  | **Conferencing Tool: WebEx** |
| **Conference Call: 319-205-5513 Pass Code: 952016#** | | | |
| **Chair: Michael Morris** | | | |
| **Attendees: Mei Hung, Michael Morris, Michael Sessa, Susan McCrackin, Steve Margenau, John Lovell** | | | |
| **Purpose: To plan and recommend PESC strategy for using JSON for data exchange** | | | |

***Next Meeting Agenda:***

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| **Topic #** | **Description** |
|  | Continue looking at XML features to determine if changes are needed:   * Attributes: xml:lang, xml:space * Attibute types: ID, IDREF, IDREFS (how do we handle referencing in a data model) * Namespaces * xsd:list * Entities * XML comments (<!--comment-->) * XML processing instructions |

***Descisions:***

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| **#** | **Decision** |
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***Action Items:***

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| **#** | **Action Items From This Meeting** | **Due Date** | **Person** | **Status** |
|  | Contact first weeks participants that do not have email addresses on record to see if they are still interested in participating. | 06/26/2017 | Michael Sessa | Done |
|  | Send alternative approach to Goessner for attributes | On hold | Jerry Bracken | On hold |
|  | Get speaker for JSON-LD presentation |  | Michael Sessa | In progress |
|  | Need to set up a presentation recording of David since he is in Asia and is not available at meeting time | 102/2017 | Michael Morris | In progress |
|  | Get volunteers to write a paragraph with references about each solution for JSON (NIEM: JSON-LD, CAM, JAXB, etc. | 8/28/17 | Michael Morris | In progress |
|  | Clarify that SPEEDE server must use EDI Header information even if payload is XML or JSON. | 9/18/2017 | Jeff Elliott | In progress |
|  | Send note to ERUG on no attribute rule. | 11/6/2017 | Michael Morris | In progress |

***Discussion:***

| **Topic #** | **Description** |
| --- | --- |
|  | Tentative Design rules   * Any repeatable element with a maxOccurs > 1 in XML Schema must be representated as a JSON array even if empty. * No attributes will be allowed in next generation XML so that JSON objects are represented without extra semantics to represent an attribute (e.g., no @ sign before property) and missing attributes will not require #text or similar contruct in a JSON object. * If translating two ways between XML and JSON, sequence must be kept eventhough JSON does not require it. |
|  | John Lovell is working on the semantics of empty object, empty array, null, and missing in XML and JSON so we have a consistent semantic definitions in both and they translate to each other. |
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