OAGi News for May 2014

Hi and welcome to our May 2014 newsletter! This is our monthly newsletter for the OAGi community.

For regular updates of activities and happenings, you can follow us on Facebook here. You can also find us on LinkedIn here, and Twitter here. We ask our members and friends to "like" and follow us.

Remember, if you are not yet a member of OAGi you can see the benefits of OAGi membership here.

OAGIS 10.1 is Coming!

We are lucky that we have several large members, including Oracle and Microsoft, who are implementing OAGIS 10.0 and we are finding things that need to be added or updated to this groundbreaking new release.

In addition, Boeing is also one of the members implementing OAGIS 10.0 and we are learning a great deal about making OAGIS the Aerospace and Defense standard along with our already existing support for Automotive, Chemical, Agricultural, Metals, High Tech, Life Sciences, Logistics, and Retail.

As a result of these events we are listening very hard and the membership has rallied to help make the changes necessary. We don’t have a date yet for 10.1 but it will be soon so look for announcements.

This release will be entirely backwards compatible with OAGIS 10.0.

OAGi Work Programs Update

The work programs continue to make tremendous progress! Our current Working Groups include:

1. Semantic Refinement and Tooling
2. Smart Manufacturing Working Group
3. Virtual Business Object (VBO)

Semantic Refinement and Tooling

Working Group Chair, Serm Kulvatunyou from NIST

The purpose of this Working Group is to advance the semantic precision of interface definitions exposing OAGIS.

The planned steps to accomplish this object include:
Develop a meta-model for holding OAGIS content that satisfies the following high-level requirements:

- Allow for import of OAGIS developer schemas
- Allow for precise content contextualization

Implement a prototype, open source tool, which in addition to above requirements:

- Allow for export of OAGIS contextualized standalone schema or other expressions
- Allow for import of OAGIS contextualized standalone schema

Possible Future scope

- Round trip export of OAGIS developer schemas
- OWL/RDF model
- OAGIS semantic content life-cycle management

The work so far has focused on an RDMS Data Base that essentially contains the design of the CCTS 3.0 from UN/CEFACT and then populate it with OAGIS Content.

This work is now mostly completed and the next step is to design the software to be built to load OAGIS into the DBMS.

**Smart Mfg Working Group**

Working Group Chair, Nenad Ivezic from NIST

The OAGi Smart Manufacturing Working Group is an umbrella activity to drive thinking, dialog, and action regarding Smart Manufacturing, including manufacturing supply chains at OAGi. However, the WG would assure cross-organizational collaboration with key folks in other organizations when appropriate.

The focus in the WG is to drive business case development and agenda at both strategic and tactical level and (2) spin-off/collaborate with focused technical groups in both OAGi WGs and elsewhere.

**Virtual Business Object Working Group**

The Working Group Chair, Frank Heinrich from iBASEt

The Scope of this Working Group is:

- Virtual Business Object Definition
  - Object that has multiple parts owned by different owners
  - Single Master Repository solutions do not address all the issues
- Need to identify which properties of an object are the responsibility of which owning or originating systems
- Need to identify what use or operations are allowable on the properties by non-owner systems.
- Need to identify business process or usage patterns that are of interest
- Some aspects may be addressable by the current *_agency attributes
- Some additional attributes or elements may be needed
• The WG will also look at something to help control/explain the relations between different BODs
  
  o For example, update the Item Master before processing the PO or What do I do if I get an update to the BOM and the Item does not exist yet

**B2B Network Collaboration**

Working Group Chairs, Ian Hedges, E2open and Satish Rmanathan, Oracle

The purpose of this Working Group is to enhance or add to the OAGIS Standard for Trading Partners to setup messaging interactions and exchange messages through a B2B service provider.

This includes:

• Interactions initiated by “Tenants” on the Service Provider network
• Messages delivered to “Trading Partners” who are setup on the network
• “Tenants” interact with the Service Provider network using proposed new OAGIS messages
• Service Provider transforms and delivers messages to Trading Partners in their supported message format
• Service Provider receives messages from Trading Partners in their supported message format, transforms to OAGIS and delivers to tenant

**Invitation to Participate:**

We invite all members to join us and if you are interested in any of the programs above, please write to us at inquiry@oagi.org.

**OAGi Common JSON Initiative**

OAGi has been leading an initiative since the Third Quarter of 2013 that is looking at the various practices and approaches to JSON implementations across standards organizations.

We are currently working with the STAR and HR Open Standards because they have JSON initiatives and they also use our BOD Platform. We have recently invited XBRL to sit in and OASIS is now interested as well. We plan to expand this as it is appropriate.

The group is sharing their plans and experiences as well as surveying other standards organizations for their plans or use of JSON. We are thinking is that it took years to sort out an XML Naming and Design Rules (NDR) that we all use so it is not too soon to look at JSON to see if the same approach is appropriate.

**OAGi on You Tube!**
Don’t forget OAGi Staff have started up an OAGi You Tube channel where they will be uploading learning mechanisms around OAGi, OAGIS, B2B, Mobile, Cloud, and other interoperability topics.

There are two parts to the Channel:

1. OAGIS for new users
2. OAGIS Information

You can find us on You Tube here and here. We invite you to go look around, follow the Channels, and to send us your feedback and ideas.

**Meeting Calendar for 2014**

Our planned calendar for 2014 is below. We are also planning a series of webinars and I encourage you to look for the announcements.

<table>
<thead>
<tr>
<th>Policy Board Meeting</th>
<th>April 15, 2014</th>
<th>NIST</th>
<th>Gaithersburg, Maryland</th>
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<tbody>
<tr>
<td>Plenary and Working Groups</td>
<td>April 16 – 17, 2014 – Completed. Presentations to be posted soon.</td>
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