The Business Value of the OAGIS 10.1 Enterprise Edition
The Open Applications Group

• **OAGi** is . . .
The Open Applications Group, Incorporated

• **OAGIS** is . . .
The Open Applications Group Integration Specification
The Open Applications Group is a not-for-profit standards development organization.

Founded in 1994, we are focused on building enterprise ready standards for B2B, Enterprise, Mobile, and Cloud interoperability.
OAGi Standards Supported

- OAGIS Release 10.0, 10.1 (current)
- OAGIS 9.X Naming and Design Rules
- OAGIS Data Management Guide
- OAGIS Confirm BOD Usage
- OAGIS Get/Show Usage guide
- Chem eStandards Use Report
- Chem eStandards Business Process Guidelines
Other Resources Available

- BOD Flattener software
- Chem eStandards Navigator software
- BOD Architecture Document
- EDI, EDIFACT, OAGIS, Chem eStandards, RosettaNet Cross Reference Guide
- OAGi Development Methodology
- OAGIS versioning White Paper
- Chem eStandards Implementation Accelerator
Current Release of OAGIS – 10.1

- Update to our ground-break Next Gen version 10.0
- More ease of use
- Many added Aerospace industry items
- Chem eStandards Functional Equivalence
- HR-XML Harmonization
- Added Manufacturing Functionality
- Increased Ease of Use
- Improved Data Modeling
- Enhanced Extension Mechanism
- Improved Contextualization Mechanism
Open Standards that Open Markets™

OAGIS® 10.1 Scope

- **eCommerce**
  - e-Catalog
  - Price Lists
  - RFQ and Quote
  - Order Management
  - Compliance
  - Purchasing
  - Invoice
  - Payments
- **Manufacturing**
  - Engineering
  - MES
  - Shop Floor
  - Plant Data Collection
  - Conformance
  - Warehouse Management
- **Logistics**
  - Inventory
  - Orders
  - Shipments
  - Routings
  - Tracking
- **CRM**
  - Opportunities
  - Opportunity and Sales Leads
  - Customer
  - Sales Force Automation
- **ERP**
  - Financials
  - Human Resources
  - Manufacturing
  - Credit Management
  - Sarbanes/Oxley & Control

Windows 7 Phones
iPhones, iPads
Android Devices
Blackberrys

JSON Based Integration
XML Based Integration
EDI and XML Based Integration

Cloud Service Broker

Application to Application Integration

Copyright 2015 Open Applications Group, All Rights Reserved
Current Editions of OAGIS – Version 10.1

- **Standard Edition**
  - All the BODs in Standalone form

- **Platform Edition**
  - Building Blocks
  - Not Content

- **Enterprise Edition**
  - All Building Blocks
  - All Nouns and Verbs
  - All BODs
  - JSON
  - WSDL
  - HTML Documentation

Copyright 2015 Open Applications Group, All Rights Reserved
OAGIS 10.1 Standard Edition – Free for All

- 1057 Standalone BODs
- Documentation for messages in annotations
Element Documentation in annotations

SemanticContactType

ID
0..∞
Is the Identifiers of the given instance of an entity within the scope of the integration. The schemeAgencyID attribute identifies the party that provided or knows this party by the given identifier.

Type
Indicates the type of the object in which associated.

Name
0..∞
Identifies the Name of the object in which associated.

JobTitle
Is the position or designation of the person with whom associated within the given organization. Examples are Director, Software Engineer, Purchasing Manager etc.

Responsibility
0..∞
A text description of the responsibility of the associated entity.

DepartmentName
OAGIS 10.1 Standard Edition Example BODs

- Process Purchase Order
- Acknowledge Purchase Order
- Get Inventory Balance
- Show Inventory Balance
- Notify Shipment
- Notify Receive Delivery
- Process Remittance Advice
OAGIS 10.1 Platform – Free for Members

- All Component Definitions
  - OAGIS
  - UN/CEFACT
  - ISO
- 4 Common Nouns
  - BOD
  - Field
  - Table
  - UOMGroup
- BODs for the Nouns
- US $649.00 for non-members
OAGIS 10.1 Enterprise Edition

• All of the Standard Edition content
  – Standalone BODs

• The Platform
  – All Component Definitions
    – OAGIS
    – UN/CEFACT
    – ISO
  – Messaging Architecture
  – Meta Model

• Content
  – Developer BODS
  – 97 Nouns
  – 13 Verbs
  – 1057 XSD BODs
  – 1057 JSON BODs
  – WDSL for all Nouns

• US $1299.00 for non-members

• Enhanced Documentation
  • 64 Business Process Scenarios
  • 2 Master Scenarios
  • Architecture Guide
The Model

- All of building blocks
  - The Platform
  - The Meta Model
  - BOD Architecture
  - Messaging Architecture
  - Nouns
  - Verbs
- The “OAGIS Standard Edition” is a set of generated expressions from the model
- Enables Contextualized Versions all based on same model
- Enables generating of other expressions such as JSON while maintaining the normative Model
Model Concept

OAGIS Model

OAGIS Expression

OAGIS Expression

OAGIS Expression
OAGIS 10.1 Enterprise Edition Benefits

- The Model enables the User to Generate their own Expressions of OAGIS
  - Gives the organization the ability to better control their OAGIS “Instances” while keeping a Central Library as the Canonical Form
- Easier to use Documentation
  - Saves time to implement
  - Saves time for ongoing use
  - Saves money
- Access to the Scenarios
  - These give Business Process Examples, providing faster understanding of how the BODs can be used
  - Provides examples of the many ways End Users are doing Business Processes
  - This Broadens the Thinking of End Users and Engineers view of how to implement better Business Processes
- The Enterprise Edition contains the Messaging Architecture
  - Easier to create new BODs
  - Access to the Meta Model
- Component libraries provide more control over your Canonical Data Model
  - Easier to create new BODs from existing parts of the component library
  - Easier to add components needed and use them in new or existing BODs
  - When making Component level changes, they occur through the entire Standard
- Example WSDL’s save time by providing examples for your Engineers
OAGIS Enterprise Edition Scenarios

- Scenario is process definition
- Business Object Documents (BODs) are messages within the Scenario
OAGIS Scenarios Examples

- Order to Cash
- Procure to Pay
- VMI Logistics
- HR to Time Data Collection
- Engineering Changes Scenario
- ERP to Finite Scheduling and Manufacturing
- Catalog Exchange Scenario
- Price List Exchange Scenario
- Buyer and Supplier RFQ - Quote
- Forecast Exchange Scenario
- Production to Manufacturing Execution
OAGIS BODs are a Language

- OAGIS BODs use XML or JSON to define a common business language for businesses to use.

- This language is used to exchange information between business applications and businesses.
Business Object Document (BOD)

- The OAGIS BOD Architecture is defined in the OAGIS Design Guide – A Word Document or on web site in HTML.

- The OAGIS BOD Definitions are defined in XML Schema, in a text file such as:
  - ProcessPurchaseOrder.XSD
  - Equivalent to 850 definition

- The OAGIS BOD Instances (occurrences) are defined in XML files that are pure text:
  - ProcessPurchaseOrder.XML
  - Equivalent to an 850 occurrence
Business Object Document Architecture

Verb

Noun

ProcessPurchaseOrderType

attributes

ApplicationArea

ProcessPurchaseOrderDataAreaType

Process

PurchaseOrder 1..∞
Developer BODs
What is a Developer BOD in the Enterprise Edition?

- OAGIS BODs are assembled from an architecture and set of libraries that the OAGIS developers built for themselves in order to build the Standard Edition.
- These BODs use the architecture, meta model, and component libraries to assemble the full message.
- OAGi calls these developer BODs because this is where the work to build the BODs takes place.
Example of Developer BOD (total of 59 lines)

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Schema agency: Open Applications Group OAGIS® Revision: OAGIS 9_6_1 Date: 25 Jan 2013 Copyright 1997-2013, All Rights Reserved Copyright (C) Open Applications Group (1997-2013), All Rights Reserved. This is an OAGIS® BOD XML Schema (XSD) Definition. License information for this file is provided in the file "OAGIS License Agreement.txt" that is provided with this download package. For support, more information, or to report implementation bugs, please contact the Open Applications Group at oagis@openapplications.org. XML Schema Name: /OAGIS-BOD-Platform/org_openapplications_oagis/9_6_1/Developer/Global/BODs/GetPurchaseOrder.xsd -->
- <xsd:schema attributeFormDefault="unqualified" elementFormDefault="qualified" targetNamespace="http://www.openapplications.org/oagis/9"
  <xsd:include schemaLocation="../Nouns/PurchaseOrder.xsd"/>
  - <xsd:element type="GetPurchaseOrderType" name="GetPurchaseOrder">
    - <xsd:complexType name="GetPurchaseOrderType">
      - <xsd:complexContent>
        <xsd:extension base="BusinessObjectDocumentType">
          - <xsd:sequence>
            - <xsd:element type="GetPurchaseOrderDocumentType" name="DataArea">
              - <xsd:complexType name="GetPurchaseOrderDocumentType">
                - <xsd:sequence>
                  - <xsd:element ref="Get"/>
                  - <xsd:element ref="PurchaseOrder" minOccurs="unbounded"/>
                </xsd:sequence>
              </xsd:complexType>
            </xsd:element>
          </xsd:sequence>
        </xsd:extension>
      </xsd:complexContent>
    </xsd:complexType>
  </xsd:element>
</xsd:schema>
```
Example of Standalone BOD – Partial (total is 9047 lines expanded)

```xml
<xml version="1.0" encoding="UTF-8">
<!-- Schema agency: Open Applications Group OAGIS® Revision: OAGIS 9.6.1 Date: 25 Jan 2013 Copyright 1997-2013, All Rights Reserved
Copyright (C) Open Applications Group (1997-2013). All Rights Reserved. This is an OAGIS® BOD XML Schema (XSD) Definition. License
information for this file is provided in the file **OAGI License Agreement.txt** that is provided with this download package. For support, more
information, or to report implementation bugs, please contact the Open Applications Group at oagis@openapplications.org. XML Schema
Name; /OAGI-BOD Platform/org.openapplications.oagis/9.6.1/Developer/Global/BOOs/GetPurchaseOrder.xsd -->
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
targetNamespace="http://www.openapplications.org/oagis/9" xmlns="http://www.w3.org/2001/XMLSchema">
  - <xs:element type="GetPurchaseOrderType" name="GetPurchaseOrder">
    - <xs:annotation>
      <xs:documentation source="http://www.openapplications.org/oagis/9">The purpose of the Get PurchaseOrder is to
      enable a business application module to request information concerning a specific purchase order from another
      business application. The reply to this BOD is the Show PurchaseOrder. There are several environments that may
      use this capability. For example, an ERP application may use this BOD to ask for information from a Order
      Management application, or a Plant Data Collection application may also use this BOD to request information from
      a Order Management application. This may also happen across business parties. This BOD does not usually cause
      updates to occur. </xs:documentation>
    </xs:annotation>
  </xs:element>
  - <xs:complexType name="GetPurchaseOrderType">
    - <xs:complexContent>
      - <xs:extension base="BusinessObjectDocumentType">
        - <xs:sequence>
          - <xs:element type="GetPurchaseOrderDataAreaType" name="DataArea">
            - <xs:annotation>
              <xs:documentation source="http://www.openapplications.org/oagis/9">Is where the information that
              the BOD message carries is provided. In this case GetPurchaseOrder. The information consists of a
              Verb and one or more Nouns. The verb (get) indicates the action to be performed on the Noun
              (PurchaseOrder).</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
</xs:schema>
```
How BOD’s are Assembled

BOD Message

Application Area

Data Area

Verb

Noun

Component

Element

Component

Element

Component

Element

Component

Element

Element

Element

Element

Element

Copyright 2015 Open Applications Group. All Rights Reserved
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>ActualLedger</td>
<td>18.</td>
</tr>
<tr>
<td>4.</td>
<td>BOM</td>
<td>21.</td>
</tr>
<tr>
<td>5.</td>
<td>BudgetLedger</td>
<td>22.</td>
</tr>
<tr>
<td>6.</td>
<td>CarrierRoute</td>
<td>23.</td>
</tr>
<tr>
<td>10.</td>
<td>Configuration</td>
<td>27.</td>
</tr>
<tr>
<td>12.</td>
<td>CostingActivity</td>
<td>29.</td>
</tr>
<tr>
<td>13.</td>
<td>Credit</td>
<td>30.</td>
</tr>
<tr>
<td>14.</td>
<td>CreditStatus</td>
<td>31.</td>
</tr>
<tr>
<td>15.</td>
<td>CreditTransfer</td>
<td>32.</td>
</tr>
<tr>
<td>16.</td>
<td>CreditTransferIST</td>
<td>33.</td>
</tr>
<tr>
<td>17.</td>
<td>CurrencyExchangeRate</td>
<td>34.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>35.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>36.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>37.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>38.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>39.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>41.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>42.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>43.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>46.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>47.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>48.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>49.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>51.</td>
</tr>
<tr>
<td>Nouns</td>
<td>52. Opportunity</td>
<td>69. PurchaseOrder</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td></td>
<td>53. PartyMaster</td>
<td>70. Quote</td>
</tr>
<tr>
<td></td>
<td>54. PartyScreen</td>
<td>71. Receivable</td>
</tr>
<tr>
<td></td>
<td>55. PartyScreenResponse</td>
<td>72. ReceiveDelivery</td>
</tr>
<tr>
<td></td>
<td>56. Payable</td>
<td>73. ReceiveItem</td>
</tr>
<tr>
<td></td>
<td>57. PaymentStatus</td>
<td>74. RecoverWIP</td>
</tr>
<tr>
<td></td>
<td>58. PaymentStatusIST</td>
<td>75. RemittanceAdvice</td>
</tr>
<tr>
<td></td>
<td>59. Personnel</td>
<td>76. RequireProduct</td>
</tr>
<tr>
<td></td>
<td>60. PickList</td>
<td>77. Requisition</td>
</tr>
<tr>
<td></td>
<td>61. PlanningSchedule</td>
<td>78. RFQ</td>
</tr>
<tr>
<td></td>
<td>62. PriceList</td>
<td>79. RiskControlLibrary</td>
</tr>
<tr>
<td></td>
<td>63. ProductAvailability</td>
<td>80. Routing</td>
</tr>
<tr>
<td></td>
<td>64. ProductionOrder</td>
<td>81. SalesLead</td>
</tr>
<tr>
<td></td>
<td>65. ProductionPerformance</td>
<td>82. SalesOrder</td>
</tr>
<tr>
<td></td>
<td>66. ProductionSchedule</td>
<td>83. SequenceSchedule</td>
</tr>
<tr>
<td></td>
<td>67. ProjectAccounting</td>
<td>84. Shipment</td>
</tr>
<tr>
<td></td>
<td>68. ProjectMaster</td>
<td>85. ShipmentSchedule</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
OAGIS Verbs

- Acknowledge
- Cancel
- CancelAcknowledge
- Change
- ChangeAcknowledge
- Confirm
- Get
- Load
- LoadResponse
- Notify
- Post
- PostAcknowledge
- Process
- Show
- Sync
- SyncResponse
Libraries in the Enterprise Edition

- Provides the capability to provide multiple expressions of OAGIS for your organization
- Provides the ability to manage your Canonical at this level
- Noun library and the individual component libraries we use to build the Standard Edition
- Code List and Data Type Libraries
- Provides the capability to make your extensions at this level
- Provides the capability to add your own components at the level
Welcome

ReadMe
OAGIS Documentation

This page is provided in order to jump start new users of OAGIS.

If you are new to OAGIS, we recommend that you start with the "ReadMe" link above and proceed to the "OAGIS 10 Documentation" link.

OAGIS Enhanced Documentation

Open Applications Group
Integration Specification (OAGIS)
Release 10.1

Document Number: 20140627
Welcome

ReadMe
OAGIS Documentation

This page is provided in order to jump start new users of OAGIS.

If you are new to OAGIS, we recommend that you start with the "ReadMe" link above and proceed to the "OAGIS 10 Documentation" link.

Open Standards that Open Markets™

OAGIS Architecture Documentation

Copyright 2015 Open Applications Group, All Rights Reserved
Welcome

ReadMe
OAGIS Documentation

This page is provided in order to jump start new users of OAGIS.

If you are new to OAGIS, we recommend that you start with the "ReadMe" link above and proceed to the "OAGIS 10 Documentation" link.

OAGIS Enhanced Documentation

Open Applications Group
Integration Specification (OAGIS)
Release 10.1

Document Number: 20140627
Scenario 47 - Full Cycle Purchasing

47.0 Overview

Scenario 47 describes the integration of full cycle purchasing of inventory goods through the interface points between buyer and supplier systems. The purpose of this scenario is to enable the visualization of the participants in the process and the dialogue between them for this specific integration. This scenario is not meant to be the only model for integrating general ledger applications to a budget applications. This is simply one model that may be used to guide one’s own integration efforts.

The scenario diagram below shows an integration that involves a buyer with a purchasing system, receiving system, and an accounts payable system interacting with the supplier side which consists of an order management system, a shipping system, and a billing system. Typically, the buyer places an order through their purchasing system which then interacts with the seller’s order management system wherein the order is acknowledged. The inventory system fulfills the order internal to the seller and the shipping system notifies the buyer that the shipment has been made by the buyer’s system. The receiving system receives the shipment and the seller’s billing system issues an invoice to the buyer’s system.

47.1 Scenario Diagram

The scenario below contains the participants involved in the interaction, the dialog flows or conversation between them, certain assumptions about the sequence of events, and assumptions about the technical approach, for example, publish and subscribe.

This is a model to be used as a design recommendation, not a required approach.
# OAGIS Scenarios by Process 1/3

<table>
<thead>
<tr>
<th>Customer Service Scenarios</th>
<th>Human Resources Scenarios</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 - Customer Service Integration, Field Service, No Returns</td>
<td>11 - Human Resources to Manufacturing</td>
</tr>
<tr>
<td></td>
<td>12 - Basic Purchase Order Process</td>
</tr>
<tr>
<td></td>
<td>13 - Plant Data Collection / Warehouse Management/Cycle Counts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engineering Scenarios</th>
<th>Invoicing Scenarios</th>
</tr>
</thead>
<tbody>
<tr>
<td>34 - Engineering Change Scenario</td>
<td>24 - Invoice Matching, Matching in Purchasing, Invoices entered in Purchasing</td>
</tr>
<tr>
<td></td>
<td>25 - Invoice Matching, Matching in Accounts Payable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ERP Scenarios</th>
<th>Manufacturing Scenarios</th>
</tr>
</thead>
<tbody>
<tr>
<td>35 - ERP to Finite Scheduling and MES</td>
<td>21 - Manufacturing to Purchasing</td>
</tr>
<tr>
<td></td>
<td>22 - Manufacturing with Available to Promise to Order Management</td>
</tr>
<tr>
<td></td>
<td>23 - Manufacturing to Order Management Financials with Manufacturing for Engineer to Order and Configure to Order</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Financial Scenarios</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01 - General Ledger To SubLedger</td>
<td></td>
</tr>
<tr>
<td>02 - General Ledger To Budget</td>
<td></td>
</tr>
<tr>
<td>45 - Sub Ledgers to General Ledger - GL Actuals</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Generic Information Scenarios</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>50 - Product Data Management Collaboration</td>
<td></td>
</tr>
<tr>
<td>51 - Location Services</td>
<td></td>
</tr>
<tr>
<td>52 - Sarbanes Oxley Data Exchange</td>
<td></td>
</tr>
<tr>
<td>41 - Forecast Exchange - Update</td>
<td></td>
</tr>
<tr>
<td>42 - Production to Manufacturing Execution System</td>
<td></td>
</tr>
<tr>
<td>43 - Production to standalone MES</td>
<td></td>
</tr>
<tr>
<td>64 - Item Nonconformance</td>
<td></td>
</tr>
</tbody>
</table>
OAGIS Scenarios by Process 2/3

Mid-Market Scenarios
54 - Mid Market Order to Cash Procure to Pay

Order Scenarios
03 - Order Management to Accounts Receivable
04 - Order Management to Credit Management to Accounts Receivable
05 - Order Management to Accounts Receivable and General Ledger
06 - Order Management with Billing to Accounts Receivable

Process Specialization Scenarios
55 - High Tech Procure to Pay
56 - High Tech Invoicing
57 - High Tech Forecasting
59 - High Tech Logistics - Direct Ship Model
60 - High Tech Logistics - Standard VMI With Outsourced - Customer Agent
61 - High Tech Logistics - Customer Operated Hub
62 - High Tech Logistics - Dynamic VMI - Supplier Operated
63 - High Tech Logistics - Dynamic VMI With Outsourced Supplier Agent
58 - Metals Industry Order to Cash Procure to Pay

Purchasing Scenarios
07 - Purchasing to Accounts Payable to General Ledger
08 - Purchasing to Accounts Payable to General Ledger Posting from Purchasing
12 - Basic Purchase Order Process
47 - Full Cycle Purchasing

Project Management Scenarios
09 - Project Accounting Synchronization
10 - Feeder Applications to Project Accounting

Plant / Warehouse Data Collection Scenarios
13 - Plant Data Collection / Warehouse Management/Cycle Counts
14 - Plant Data Collection / Warehouse Management / Issues
15 - Plant Data Collection / Warehouse Management / Transfers
16 - Plant Data Collection / Warehouse Management / Receipts
17 - Plant Data Collection / Warehouse Management / Production Orders
18 - Plant Data Collection Work In Process
19 - Plant Data Collection / Warehouse Management / Shipping
20 - Plant Data Collection / Warehouse Management / Time and Attendance
OAGIS Scenarios by Process 3/3

Sales Process Scenarios
26 - Synchronize Sales Orders for Shipping
27 - Sales Force Automation to Order Management, Updating Orders
28 - Sales Force Automation to Order Management, Inquiry of Orders
29 - Sales Force Automation to Order Management and Shipping
39 - Request for Quote and Quote Exchange
40 - Request for Quote and Quote Exchange - Through an Intermediary
48 - Sales Lead
49 - Sales Opportunity

Supply Chain Integration Scenarios
30 - Supply Chain Integration
37 - Catalog and Price List Exchange
38 - Unit of Measure Exchange

Warehousing Scenarios
53 - Inventory Visibility
### Table of Contents

#### Models
- BODs by Nouns by Verb
- Verbs
- Nouns

#### Open Components
- Payment Normalization
- IFC20022
- Flows
- Notes

#### OAGI Platform 2.0 DataTypes
- Business Data Types
- Enhancements to XML Schema Built-in Types

#### OAGI Platform 2.0 Codelets
- Currencies
- Languages
- HTML Media
- Link (PDF)

---

### OAGIS 10.1 Common Components -- Documentation

#### Table of Contents
- **Schema Document Properties**
- **Global Schema Components**
  - Complex Type: DocumentIdentificationBaseType
  - Complex Type: DocumentIdentificationType
  - Element: OperationDocumentIdentification
  - Complex Type: HeaderBaseType
  - Complex Type: HeaderType
  - Complex Type: LineIdentificationBaseType
  - Complex Type: LineIdentificationType
  - Complex Type: LineItemType
  - Element: Child line
  - Complex Type: StatusHeaderBaseType
  - Complex Type: StatusHeaderType
  - Complex Type: StatusLineBaseType
  - Complex Type: StatusLineType
  - Complex Type: TransportationTermBaseType
  - Complex Type: TransportationTermType
  - Element: TransportationTerm
  - Complex Type: GeneralLedgerAccountBaseType
  - Complex Type: GeneralLedgerAccountType
  - Element: GeneralLedgerAccount
  - Complex Type: AccountingPeriodBaseType
  - Complex Type: AccountingPeriodType
  - Element: AccountingPeriod
  - Model Group: FinancialAccountingGroup
  - Complex Type: FinancialAccountingBaseType
  - Complex Type: FinancialAccountingType
  - Element: FinancialAccounting
  - Complex Type: ProjectAIHEType
  - Complex Type: ProjectReferenceBaseType
  - Complex Type: ProjectReferenceType
  - Element: ProjectReference
  - Complex Type: DistributionBaseType
  - Complex Type: DistributionType
  - Element: Distribution
  - Complex Type: AllowanceChargeAIHEType
  - Complex Type: AllowanceChargeBaseType
  - Complex Type: DistributableChargeBaseType
  - Complex Type: DistributableChargeType

---

Copyright 2015 Open Applications Group, All Rights Reserved
**Table of Contents**

- Models
  - ROIs by Model by Concept
  - Verbs
  - Nouns

- Common Components
  - DataML/Handling-ISO20022
  - Fieldsets

- OAGI Platform 2.0 DataTypes
  - Business Data Types
  - Enhancements to XML Schema Built Types

- OAGI Platform 2.0 CodeLists
  - Currency
  - Language
  - MIME Media Types

---

**Element: PartyIDSet**

<table>
<thead>
<tr>
<th>Name</th>
<th>PartyIDSet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>IDSetType</td>
</tr>
<tr>
<td>Nullable</td>
<td>no</td>
</tr>
<tr>
<td>Abstract</td>
<td>no</td>
</tr>
</tbody>
</table>

**XML Instance Representation**

```xml
<PartyIDSet
  schemeID="xsd:normalizedString [0..1]"
  schemeVersionID="xsd:normalizedString [0..1]"
  schemeAgencyID="cim6305550008 AgencyIdentificationContentType [0..1]"
  typeCode="CodeType 1E7868 [0..1]">
  <ID> ... </ID> [1..*]
</PartyIDSet>
```

**Schema Component Representation**

**Element: TaxIDSet**

<table>
<thead>
<tr>
<th>Name</th>
<th>TaxIDSet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>IDSetType</td>
</tr>
<tr>
<td>Nullable</td>
<td>no</td>
</tr>
<tr>
<td>Abstract</td>
<td>no</td>
</tr>
</tbody>
</table>

**XML Instance Representation**

```xml
<TaxIDSet
  schemeID="xsd:normalizedString [0..1]"
  schemeVersionID="xsd:normalizedString [0..1]"
  schemeAgencyID="cim6305550008 AgencyIdentificationContentType [0..1]"
  typeCode="CodeType 1E7868 [0..1]">
  <ID> ... </ID> [1..*]
</TaxIDSet>
```
Technical Support of OAGIS

• Current versions of purchased Editions come with technical support for one year which includes
  – Right to any upgrade that occurs during the year
  – Two free Trouble Tickets responded to within 3 – 5 days or two hours support
  – Support channel is email and phone
  – After two tickets are used, an organization can buy support on an hourly basis. Fees are below:
    – One ticket or one hour is US $230 for non-members
• For the second year and following years support may be purchased at a rate of from 50% of the current price of the all
  – Right to any upgrade that occurs during the year
Summary

• The Standard Edition contains content but not architecture
• The Platform contains the architecture but not content
• The Enterprise Edition contains both content and architecture
Why OAGIS 10.1 Enterprise Edition?

- Enables your enterprise to more fully leverage the OAGIS architecture and component libraries
- Supports smaller artifacts for Mobile and Cloud API development
- Supports SOA deployment easier and less costly
- Supports Web Services better, faster
- Supports extensions and restrictions more easily
- More easily adapted by software companies as product
- More easily customized in professional services engagements
Thank you!