ORACLE UTILITIES APPLICATION FRAMEWORK 4.X – CONFIGURATION TOOLS BOOTCAMP

The Oracle Utilities Application Framework (OUAF) Configuration Tools boot camp covers how many of the OUAF products can be extended by populating metadata (rather than by programming). The technology enables development of reusable objects that cut down on implementation time, and extensions are automatically upgraded when future releases of the products are introduced. Ultimately, these tools offer flexibility with which clients’ needs could be met without changing the usual product implementation methodology.

What will we cover:
This course is applicable to all Oracle Utilities Global Business Unit (UGBU) products supported by the Oracle Utilities Applications Framework 4.x including the following:

- Oracle Utilities Customer Care and Billing (CCB 2.x)
- Oracle Utilities Meter Data Management (MDM 2.x)
- Oracle Utilities Mobile Workforce Management (MWM 2.x)
- Oracle Smart Grid Gateway (SGG 2.x)
- Differences between OUAF 2.x and OUAF 4.x

In addition to explaining how to use the Configuration Tools, this class also explains many of the common front-end and back-end design patterns behind the OUAF products. Understanding these design patterns allows more efficient and consistent design of extensions across projects.

Learn To:
- Describe the architecture, features, how the components work together and common interfacing strategies
- Recognize how the business objects delivered with OUAF products are self-documenting and how to use this documentation to learn how each product works
- Appreciate how many base-product business objects belong to hierarchies where the business rules are encapsulated at abstract levels
- Apply additional business rules and elements (Character Large Objects - CLOBs) to the base-product business objects at any level in the business object hierarchies
- Apply new business objects and hierarchies
- Comprehend how business objects are secured and how to manage the security configuration.

Duration:
This is a 9-day boot camp, instructor-led with practical hands-on activities.

Note: The duration is intended for general reference. The boot camp instructor may recommend a different approach in rolling the class. Students are required to check the boot camp duration for the scheduled event they are interested in.
Audience:

- Architect
- Business Analysts
- Database Administrators
- Database Designers
- Developer
- Functional Implementer
- Sales Consultants

Prerequisite Training and Environment Requirements:
Participation in this workshop assumes the participants understand:

- Basic relational database concepts such as table, column, prime-key, and foreign-key
- Basic “service-oriented architecture” concepts
- The structure of XML and how XML documents are used to exchange information in SOA systems
- SQL
- Fundamental knowledge of MDM, MWM and CC&B.

Students must bring a laptop to connect to the network.

**Computer/Laptop**

<table>
<thead>
<tr>
<th><strong>Hardware</strong></th>
<th></th>
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<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>Preferably a Dual Core, at least 2 GHz</td>
</tr>
<tr>
<td><strong>USB Port</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>System memory</strong></td>
<td>3 GB</td>
</tr>
<tr>
<td><strong>Mouse</strong></td>
<td>Use of touch pad is discourages as it slows down the class</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Software</strong></th>
<th></th>
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<tbody>
<tr>
<td><strong>Operating system</strong></td>
<td>Windows XP or Windows 7</td>
</tr>
<tr>
<td></td>
<td>Please note: Windows 10 is not yet supported or compatible. Students will be unable to access the training environment with Windows 10.</td>
</tr>
</tbody>
</table>

**Pre-Installation Requirements**

<table>
<thead>
<tr>
<th><strong>Internet server</strong></th>
<th>Microsoft Internet Explorer (IE) 6 or higher. Set browser to default to IE. Other browsers (such as Safari, Opera, and Chrome) are not supported</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VPN Client</strong></td>
<td>VPN Client: A link with instructions will be sent to all registrants to pre-install the VPN client required to access the training environment.</td>
</tr>
</tbody>
</table>

**Network Requirements**

| **Wireless Network Adapter** | A wireless network adapter is required to access the training environment |
## Agenda Topics:

### Day 1
- Overview
- Requirement Walk Through
- Technology Overview
- Business Objects Elements

### Day 2
- Business Rules
- Business Objects Inheritance

### Day 3
- Business Objects Lifecycle

### Day 4
- Business Objects Options
- Business Objects Access Rights
- Service Scripts

### Day 5
- Business Services
- Algorithm Parameters vs Business Objects Options vs. Admin Business Objects.
- Anticipating Site Specific Enhancements

### Day 6
- Info Zones
- Query Zones

### Day 7
- UI Maps

### Day 8
- BPA Scripts
- Other UI Features and Tools

### Day 9
- Maintenance Patterns
- Revision Control
- Bundling
- Advanced Techniques

Note: The boot camp instructor may recommend a different approach in rolling the class. Students are required to check the boot camp agenda for the scheduled event they are interested in.

Related training:
- Oracle Customer Care and Billing 2.x Functionality for Implementers
- Oracle Utilities Meter Data Management 2.x Functionality For Implementers
- Oracle Utilities Meter Data Management 2.x Fundamentals
- Oracle Utilities Mobile Workforce Management Fundamentals
- Oracle Utilities Mobile Workforce Management Functionality for Implementers
- Oracle Utilities Smart Grid Gateway Fundamentals
- Oracle Utilities Smart Grid Gateway Functionality for Implementers

Contact Us:
For more information about Oracle Utilities training available to Oracle Partners, visit competencycenter.oracle.com.

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Hardware and Software, Engineered to Work Together