

“Niagara Portal Introduction”

January 2007

Scott Muench - Technical Sales Manager



Welcome!

- The goal of TridiumTalk is to share with the Niagara community timely content on sales, products and technical topics. Each session will last between 45-60 minutes and will be a mix of presentation, demonstrations and Q&A.
- This session and past sessions will be posted on our community web site at www.Niagara-Central.com (more details to come)
- The content presented here is representative of Tridium's Niagara technology and products in general, please contact your channel partner for specific details and pricing.
- As a courtesy to others in the conference, please place your phone on mute until the Q&A portion of the program

Agenda

- Introduction
- Community Interaction
 - News
 - Forums
 - Blogs
- Business Interaction
 - Products and Channel Management
 - Licensing
 - Backend integration - oBIX
- Developer Support
 - Bug Tracking
 - Release notes
 - Early Access Software builds
- Live Demonstration
- What's here...What's coming next
- Question and Answer Session

Introduction

Niagara Central is Tridium's new interactive portal for the Niagara Community. It is an on-line resource that provides information, fosters interactions and cross pollination of business opportunities, and acts as the NiagaraAX licensing tool. Niagara Central will rapidly become the central resource for the Niagara community of customers, partners, and developers.

What is it?

@niagara**Central** community and resources



Organization



Products



Blogs



Developers



Forums



News

- Open access to Niagara information and services
- Participation in the growing Niagara community
- Operational support and product management
- Visibility into the Niagara development process


Open Access to Niagara Information

- News
- Forum discussion groups
- Blogs
- Technical articles
- Release Notes w/discussion
- Online documentation

Community Interaction

- Facilitate interaction and commerce between Tridium and Niagara partners and among partners themselves
- Community model
 - Two-way communication
 - Support and knowledge sharing from the community
 - Discussion groups, technical articles and Blogs
- Open to all partners
 - Features public and private discussion areas

Community Interaction



News


[Enter Admin](#)

Latest News

Build 3.0.84 R
25-Apr-06 9:40 P
The r3alpha F...
account to do...
contact your...

Dist Changes
In previous bui...
monolithic zip...
one for the Jav...
[Read more...](#)



Tridium Annou






Forums


[Groups](#) | [Search](#) | [Active](#) | [Notification](#)

Applications

-  [Security](#)
Discussion about the
-  [YES](#)
Vykon Energy Suite

Drivers

-  [BACnet](#)
Discussion about the
-  [Lonworks](#)
Discussion about the
-  [oBIX](#)
Discussion about the



All Blogs

New oBIX Java Toolkit
Posted by [Brian Frank](#) on 27-Apr-06 10:48 PM EDT

I just posted v0.11.0 of the oBIX Java Toolkit to SourceForge. This latest code drop current 0.11 version of the spec with support for the new min and max facets on ST GUI features to make "browsing" an oBIX server a more pleasant visual experience. The difference is that icons are displayed in both the tree and on the property sheet. The writable facet to appropriately gray out read-only fields. You can turn off this la to test how your oBIX server handles clients which attempt to write to non-writable

[Permalink](#)

Understanding the concept of "infrastructure"
Posted by [John Petze](#) on 25-Apr-06 2:36 PM EDT

Capitalizing on the concept of "infrastructure" - supporting multiple value-added app investment


Business Interaction

- Manage your organization
- Define products, brands, and features
- Issue licenses and manage installed base
- Online ordering
- Customized Niagara Central - Store front
- Advertising of products and services

Channel Management

- Channel management
 - Managing the organizations that are members of a channel
 - Publishing menu of products and pricing available to specific channels
 - Vendor
 - Channels
 - Channel A
 - » Members
 - » Parts/product available

Channel and Products Management



Acme, Inc.
[Overview](#) | [Sub Orgs](#) | [Users](#) | [Roles](#)

Acme, Inc.
 1234 Junkyard Drive
 Toontown, CA 55555

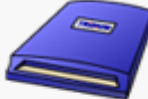
Sub Orgs

[Coyote, Inc.](#)

[Roadrunner, Inc.](#)

Parts Acme, Inc. Brands ▾

<input type="checkbox"/> Part Number	Brand	Description
Applications		
<input type="checkbox"/> ROCKETPACK-EX	Blast-o-matic	Let's face it, that helmet
<input type="checkbox"/> ROCKETPACK-LX		
Drivers		
<input type="checkbox"/> DR-INVINCIBILITY		
<input type="checkbox"/> DR-LUCK-EX		
Hosts		
<input type="checkbox"/> ATOM-REARRANGER		



Acme, Inc. ▾

[Hosts](#) | [Product Management](#) | [Channels](#) | [Soft](#)

Predators
 Customers who prefer live food

Members [Parts](#)

Organization

[Coyote, Inc.](#)

Licensing with Niagara Central

- Web interface for creating and issuing licenses
- Workbench license manager integration
- Manage product definition and distribution channels
- Track your installed base

Project	Catch The Roadrunner
User	coyote (no email address provided)
Model	J-403-AX
Purchase Order #	12345
License	11-Apr-06 12:20 PM EDT

Purchase Order #	<input type="text"/>	Required
Expiration	never <input type="button" value="v"/>	

All Parts	Applications	Drivers	Hardware Platforms	Maintenance	Station Packs	Unspecified
Part Number	Description					
<input type="button" value="Add"/>	ROCKETPACK-EX	Let's face it, that helmet you're wearing isn't helping anything.				
<input type="button" value="Add"/>	ROCKETPACK-LX	Strap it to your back, put on some skates and go go go.				
<input type="button" value="Cancel"/>						

Backend Integration

- XML web services interface to Niagara Central features and services through oBIX
- Supports backend integration with external systems

Parent - Verbose

```
<obj display="Project Hosts" href="http://hobbes/obix/portal/host/Projec
<ref name="9432" display="Qnx-J403-0000-0000-0001" href="/obix/portal/h
<ref name="9433" display="Qnx-J403-0000-0000-0019" href="/obix/portal/h
<ref name="9434" display="Qnx-J403-0000-0000-0018" href="/obix/portal/h
<ref name="9435" display="Qnx-J403-0000-0000-0017" href="/obix/portal/h
<ref name="9436" display="Qnx-J403-0000-0000-0016" href="/obix/portal/h
<ref name="9437" display="Qnx-J403-0000-0000-0020" href="/obix/portal/h
<ref name="9438" display="Qnx-J403-0000-0000-0014" href="/obix/portal/h
<ref name="9439" display="Qnx-J403-0000-0000-0013" href="/obix/portal/h
<ref name="9440" display="Qnx-J403-0000-0000-0012" href="/obix/portal/h
<ref name="9441" display="Qnx-J403-0000-0000-0011" href="/obix/portal/h
<ref name="9442" display="Qnx-J403-0000-0000-0002" href="/obix/portal/h
<ref name="9443" display="Qnx-J403-0000-0000-0009" href="/obix/portal/h
<ref name="9444" display="Qnx-J403-0000-0000-0010" href="/obix/portal/h
<ref name="9445" display="Qnx-J403-0000-0000-0007" href="/obix/portal/h
```

Developer Support

- Visibility into our processes
 - Bug tracking
 - Release notes
 - Early Access Software builds
- Blogs and discussion groups focused on developer issues
- License software features unique to your products
- Manage appliance software

Visibility to our Processes

The screenshot shows a web forum interface for 'Developers' with the Niagara logo. On the left, there is a 'Release Note' section with a table of issues:


Issue	Synopsi
7897	SoftJace
7883	BProxyE
7882	Binding
7881	JACE po
7743	Control
7601	Niagara
7554	Support

The main content area shows a 'Release Note Discussion >> Build 3.1.7' with the title 'Hx not showing button images'. A 'Release Note' is posted by John Doe at 11:29 PM, with a comment by John Sublett at 11:31 PM. A 'Post' button is visible below the comments.

A detailed post titled 'New oBIX Java Toolkit' is shown, posted by Brian Frank on 27-Apr-06 10:48 PM EDT. The text of the post reads:



I just posted v0.11.0 of the oBIX Java Toolkit to SourceForge. This latest version is based on the current 0.11 version of the spec with support for the new min and max values and added a lot of new GUI features to make "browsing" an oBIX server a much more pleasant experience. Perhaps the most noticeable difference is that icons are displayed in both the property sheet and the object sheet. The property sheet now respects the writable facet to appropriately display icons. You can turn off this last feature under the Tools menu to test how your oBIX client handles an attempt to write to non-writable objects.

Blogs and discussion groups focused on developer issues





Forums


[Groups](#) | [Search](#) | [Active](#) | [Notification](#)

Applications

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Discussion about the
-  [VES](#)
Vykon Energy Suite

Drivers

-  [BACnet](#)
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-  [Lonworks](#)
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Discussion about the


All Blogs

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License Manager

Host Address summitdemo.tridium.com
Host ID Win-82E8-150C-6FF1-899A

Licenses

Vykon.license (Tridium - never expires)

Certificates

Demo.certificate (Demo - never expires)
Tridium.certificate (Tridium - never expires)

Install File **Get Online** **View** **Delete** **Save** **Install File** **View** **Delete**

- Install licenses and certificates on a single host
- Automatically update licenses online from Niagara Central

Software Repository

Niagara AX Supervisor - Tridium, Inc.

Availability Released
Auto-generate new builds false

Images

Software Images

Version	Organization	Availability	Download
3.0.99	Tridium, Inc.	Released	Niagara AX Supervisor-3.0.99.zip (72,784.7 KB)
3.0.84	Tridium, Inc.	Released	Niagara AX Supervisor-3.0.84.zip (105,920.7 KB)

- Download the latest Niagara software
- Make your own software available for download
- Create and manage system images by product and version

Appliance Software

ATOM-REARRANGER
 Pretty self explanatory

Brand Blast-o-matic
Part Type Host

Definition	Summary	Included In	Options	Option On	Channels	Software
------------	---------	-------------	---------	-----------	----------	----------

Software

<input type="checkbox"/>	Version	Distribution	System Image
<input type="checkbox"/>	1.0	Acme-Atoms-1.0.dist (44,4 KB)	Acme-Atoms-1.0.zip (8,030,8 KB) 27-Apr-06 9:41 PM

- Upload appliance images for production by Tridium or others
- Post databases and images to support remote technical staff

What's here... What's coming...

- License Management
- Organization and Product Management
- Tool integration (Workbench platform tool)
- Community support features:
 - Discussion groups, blogs
 - XML/Web Services access to services
 - Document repository
 - Order entry
 - Bug tracking
 - Re-branding
 - Advertising
- Anything and everything to support this community

Live Demonstration



www.niagara-central.com

Question and Answer Session

- Select the Q&A icon in the Netspoke menu bar to type your questions
- Feel free to speak up for further discussion
- Please introduce yourself, company name, and where you are calling from.

Frequently Asked Questions

- We need to generate a bunch to get started....
- What documentation resources are available?
 - Release notes
 - Updated JACE-2, JACE403, JACE-545 Datasheets?
 - JACE-NXS Datasheets
- When will it start shipping from the factory?

Upcoming TridiumTalk topics:

First Session

- January 16
Date Change!
- February 13
- March 13
- April 10
- May 8
- June 12

Second Session

- January 18
Date Change!
- February 15
- March 15
- April 12
- May 10
- June 14

2007 Topics

- Niagara Portal – Introduction to the entry point to the Niagara Community
- Selling Niagara – The Value Proposition (annual event)
- The Niagara Community - Products Based on Niagara Show and Tell?
- AX Graphics - Tech Session for Building PX pages using HX and WB profiles
- How to Demo AX – Step by Step
- Wireless – The World Unwired, What does it mean to you?

Past Presentations

- | | |
|--------------------|-------------------|
| ● PDF presentation | ● Powerpoint Show |
| ● PDF presentation | ● Powerpoint Show |
| ● PDF presentation | ● Powerpoint Show |
| ● PDF presentation | ● Powerpoint Show |

- OBIX – Introduction/R2 to AX Integration and Migration plan
- AX Control Objects – Tech Session for tuning PID loops and Commissioning
- What's new in Niagara AX 3.1 – New capabilities (Software, NXS, double memory JACEs)
- Driving Internet Connectivity to the Building Device Level
JACE-2 - Equipment Controller / New Applications and Architectures

Hosted by HPAC Engineering Magazine

Thank you!

- We would like your feedback on today's TridiumTalk
- Please take a moment to answer our short survey
- If you have any further questions, comments or topic suggestions, please email them to SalesSupport@tridium.com



Ed Merwin



John Sublett



Scott Muench