

Vault Data Standard - Customization

Marco Mirandola

CEO/CoFounder @ coolOrange



AUTODESK UNIVERSITY 2015

Join the conversation #AU2015



Class summary

How to configure the dialogs (XAML)

How to create new tabs

How to create new menu items

How to change the dialog behavior

Architecture

XAML

PowerShell

Data Standard

Vault API

Vault

```

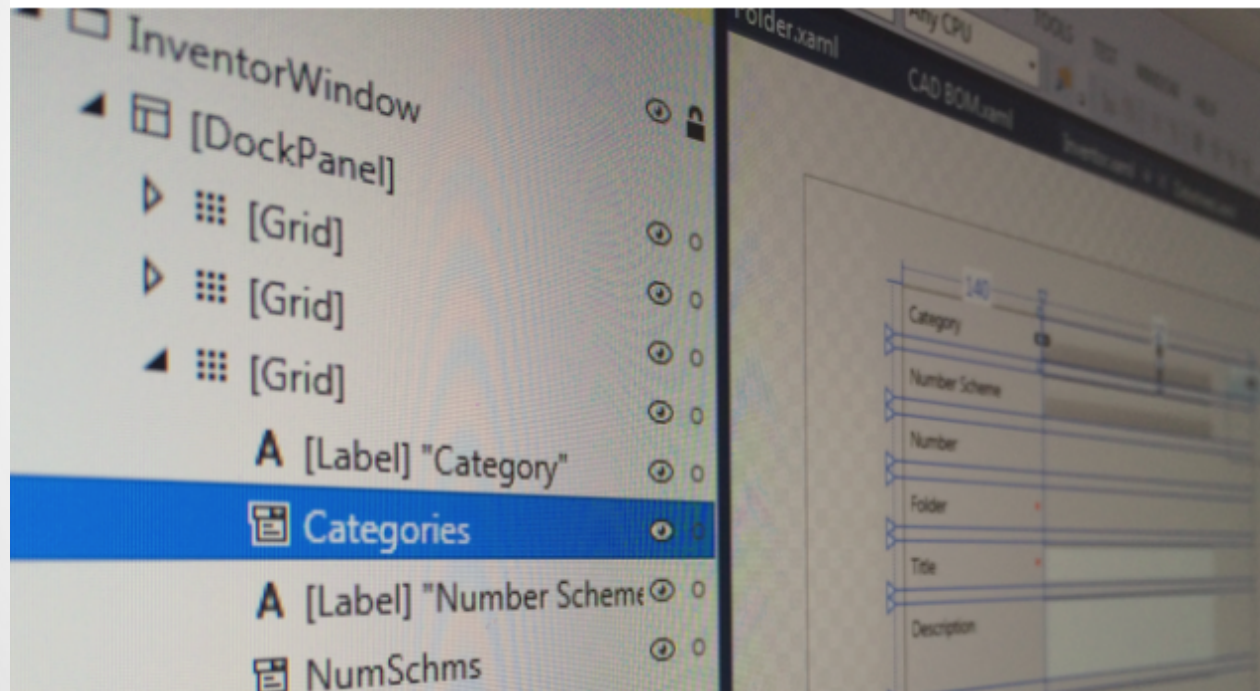
1  :Grid M:
2  function InitializeWindow
3  {
4      $dsWindow.Width = 600
5      $dsWindow.Height = 400
6
7      $mWindowName = $dsWindow.Name
8      switch($mWindowName)
9      {
10         "InventorWindow"
11         {
12             #rules applying for Inventor
13         }
14         "AutoCADWindow"
15         {
16             #rules applying for AutoCAD
17         }
18         default
19         {
20             #rules applying commonly
21         }
22     }
23     if ($Prop["_CreateMode"].Value)
24     {
25         $mappedRootPath = $Prop["_VaultVirtualPath"].Value + $Prop["_WorkspacePath"].Value
26         $mappedRootPath = $mappedRootPath -replace "\\", "/" -replace "//", "/"
27         if ($mappedRootPath -eq '')
28         {

```

Data Standard & Visual Studio

Editing Data Standard 2016 files with Visual Studio

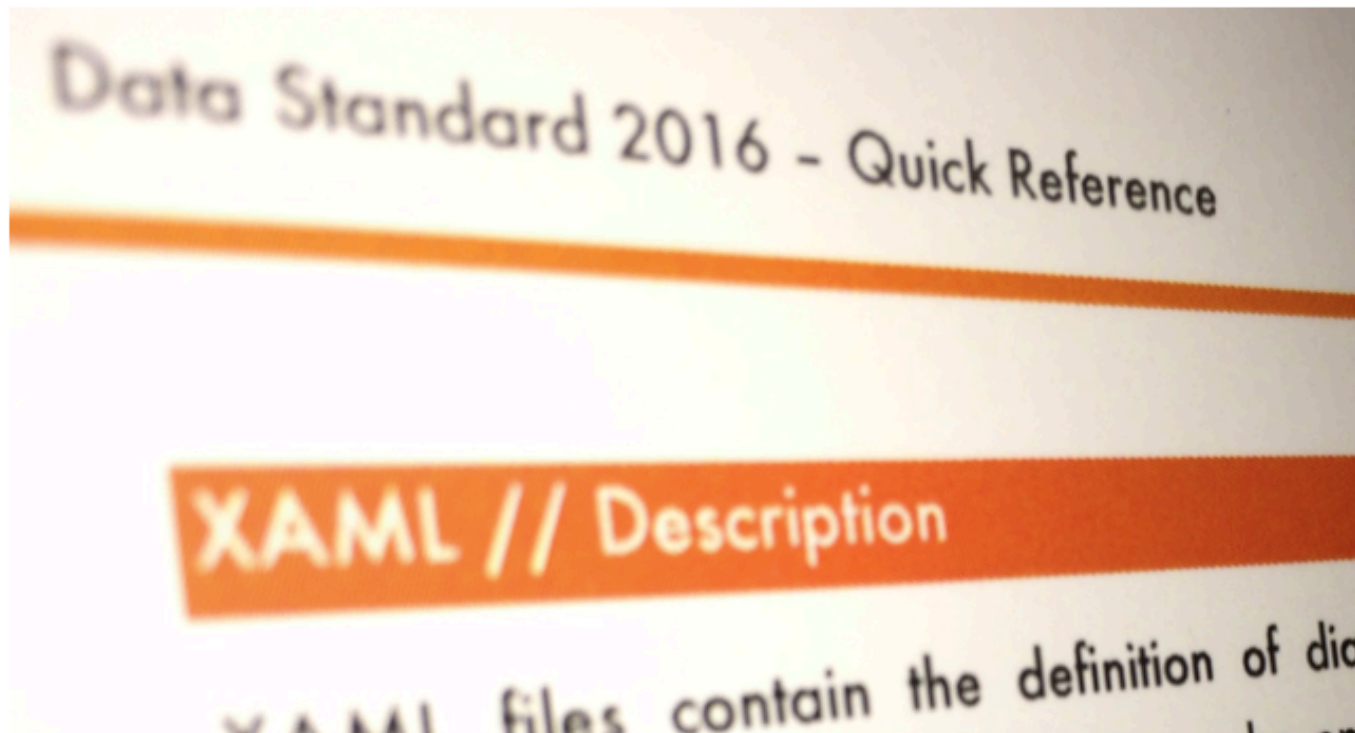
Posted on July 24, 2015 by Marco Mirandola



Data Standard Quick Reference

VDS 2016 Quick Reference

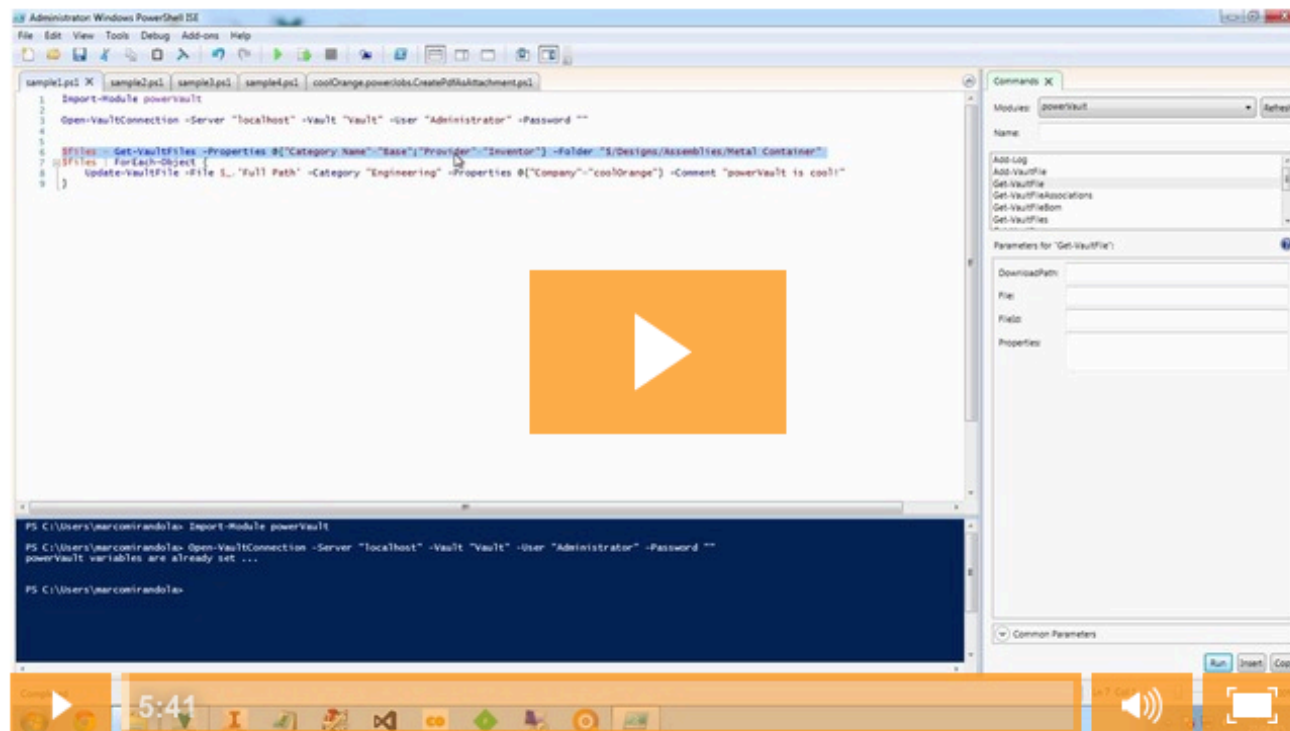
Posted on August 14, 2015 by Marco Mirandola



Vault API made simple

powerVault in Action

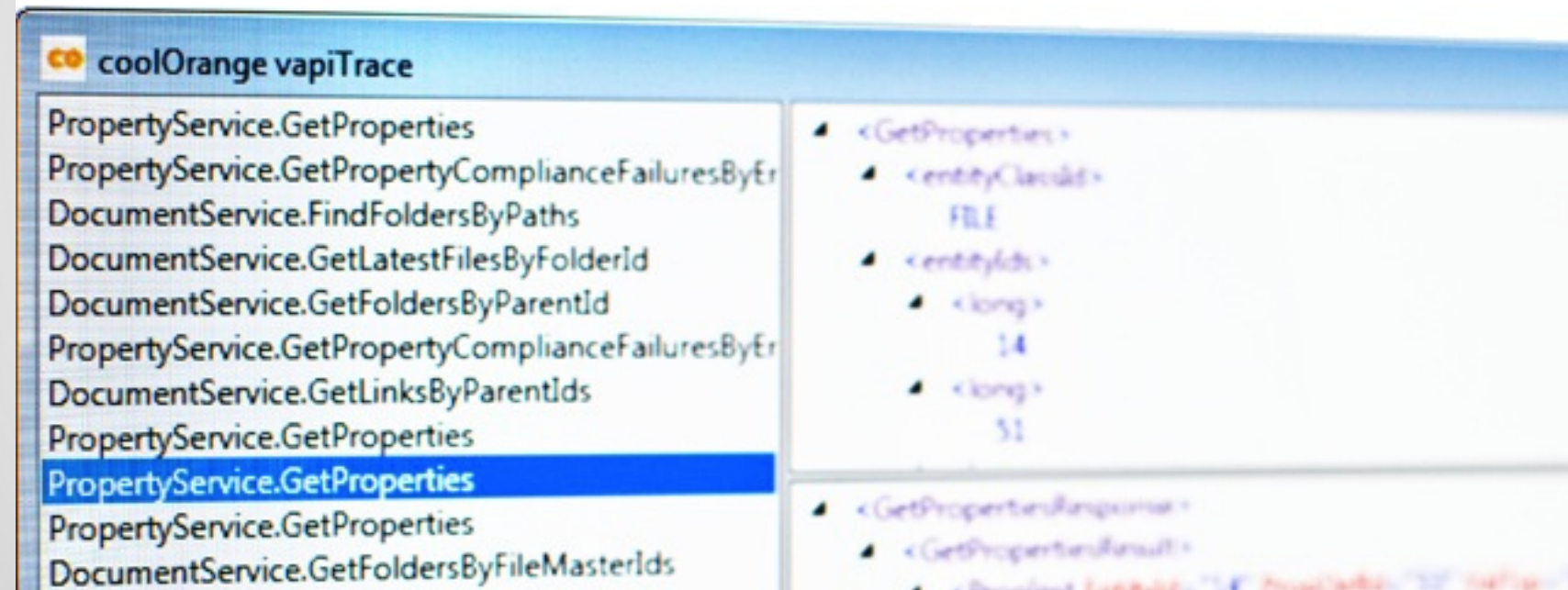
Posted on May 1, 2015 by Marco Mirandola



Learning from Vault

Tracing the Vault API

Posted on September 12, 2014 by Marco Mirandola



The screenshot shows the 'coolOrange vapiTrace' application window. On the left, a list of API calls is displayed, with 'PropertyService.GetProperties' selected and highlighted in blue. On the right, the details of the selected call are shown in a tree view. The tree view shows the following structure:

- <GetProperties>
 - <entityClassId>
 - FILE
 - <entityId>
 - <long>
 - 14
 - <long>
 - 51
- <GetPropertiesResponse>
 - <GetPropertiesResult>
 - <Document> <EntityId> 'FILE' <ParentId> '14' <Id> '51'

Resources

- VDS 2016 U3: <https://knowledge.autodesk.com/support/vault-products/downloads/caas/downloads/content/autodesk-vault-data-standard-for-vault-2016-workgroup-and-professional-update-3.html?v=2016>
- Wiki: <https://knowledge.autodesk.com/support/vault-products/learn-explore/caas/CloudHelp/cloudhelp/2016/ENU/Vault-New/files/GUID-14BFF223-EE99-44E2-B318-6AD62FBFE791-hm.html>
- Forum: <http://forums.autodesk.com/t5/vault-customization/bd-p/301>
- Blog: <http://blog.coolorange.com>

Now What???

- Check out Data Standard – Out Of The Box
- Chat with your advisor about the opportunities
- Check online resources for new ideas
- Evaluate the investment
- Improve your Vault experience

What about coolOrange???

- We is not an Autodesk reseller
 - We work closely with resellers and Autodesk
 - We share as much information we can
-
- Your questions are free. Our answers are free.
In case there is effort for elaborating the answer, we will let you know.

Questions?



Be heard! Provide AU session feedback.

- Via the Survey Stations, email or mobile device.
- AU 2016 passes awarded daily!
- Give your feedback after each session.
- Give instructors feedback in real-time.



Forget to take notes? No problem!

After AU visit:

AutodeskUniversity.com

Click on **My AU** to find:

- Class Recordings
- Presentations
- Handouts

All of your sessions will be there to enjoy again and again.





Autodesk is a registered trademark of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings, specifications, and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document. © 2015 Autodesk, Inc. All rights reserved.

