# Autodesk Vault 2014 PowerPack for PowerGUI

# readme

v2.0.0.2

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# Introduction

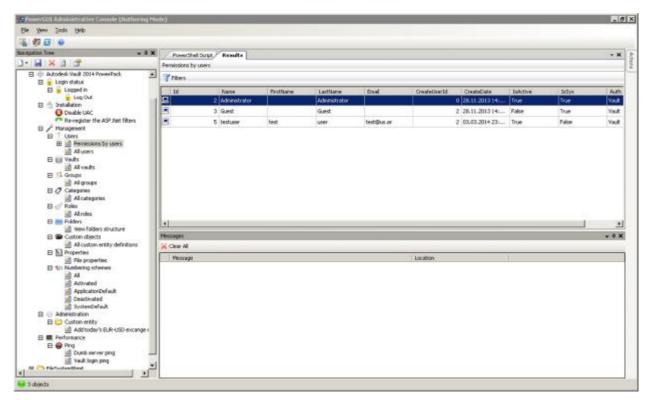
If you're Autodesk Vault administrator, your life probably will become more comfortable: the pack of PowerShell scripts is coming! With them you'll be able to work with Vault server just with installed SDK and PowerShell.

For more easy controlling and editing this pack you're invited to do this from <a href="PowerGUI">PowerGUI</a>'s <a href="Administrative">Administrative</a> <a href="Console">Console</a>.

Of course, not a lots and lots of tools, but fullness are directly corresponding with <u>Autodesk Vault Programmer's Cookbook</u> and your <u>feedback and suggestions</u>.

Feel free to update this PowerPack for your needs – just change code in scripting nodes.

## **Screenshots**



# **System requirements**

- 1. Installed Autodesk Vault SDK 2014 in default location (c:\Program Files (x86)\Autodesk\Autodesk Vault 2014 SDK\bin\).
- 2. PowerGUI v3 or higher.

# **Description**

#### **Installation**

- 1. Install Autodesk Vault SDK 2014
- 2. Install PowerGUI
- 3. Launch PowerGUI Administrative Console
- 4. Go to Tools->Find PowerPacks Online...
- 5. Type "Autodesk Vault" or just "Vault".
- 6. Click "Search" button.
- 7. Find "Autodesk Vault PowerPack" package and push "Install" button.
- 8. Push "Close" button.

#### **Tools structure**

Availability of tools executing for different Vault server editions (1):  $\mathbf{B}$  – Vault Basic;  $\mathbf{W}$  – Vault Workgroup;  $\mathbf{P}$  – Vault Professional.

No	ode Description	В	W	P
•	Login status			
•	Installation			
	o Disable UAC Disables UAC. Reboot r	equired +	+	+
	o Re-register the ASP.Net filters Re-registers the ASP.Net	et filters +	+	+

de	1000	v4.0.30319 for x86 and x64 (2)	В	W	
N.A		V4.0.30319 for x86 and x64 (2)			
Management  o Users		Lisar managament			
o Users		User management	+	+	
•	All users	Shows all users and information about them	+	+	
	Damedadana kuwana				
•	Permissions by users	Shows all users and permissions	+	+	
	Add	for every user by click Add user to vault			
17. 11	Add user	Add user to vauit			
o Vault		Charre all branchadas bases and			
-	All vaults	Shows all knowledge bases and information about them	+	+	
o Crou	nc	information about them			
o Grou		Shows all groups and information	+	+	
_	All groups	Shows all groups and information about them	+	+	
	Add group	Add group to vault			
o Cato	Add group  gories	Add group to vauit			
o Categ	All categories	Shows all categories and	+	+	
-	All categories	information about them	7	7	
	Add category	Add category to vault			
o Roles		rad category to vault			
O Notes	All roles	Shows all roles and information	+	+	
	All Toles	about them	'		
o Folde	rs	about them			
0 70/de		Shows folder structure in vault	+	+	
	Tien loiders structure	and information about them		•	
o Custo	om objects	and morniación about chem			
-		Show all custom entity			
	ran custom emaily deminations	definitions			
o Prope	erties				
	File properties	Shows all properties of 'FILE'	+	+	
o Numi	bering schemes	· ·			
	All	Shows all numbering schemes	+	+	
	Activated	Shows all activated numbering	+	+	
		schemes			
	ApplicationDefault	Shows all application default	+	+	
	-	numbering schemes			
	Deactivated	Shows all deactivated numbering	+	+	
		schemes			
•	System Default	Shows all system default	+	+	
		numbering schemes			
Administration	n				
<ul><li>Custo</li></ul>	m entity	Ticks for custom entities	+	+	
•	Add today's EUR-USD exchange	You should have "Exchange	+	+	
	rate	rates" custom object definition in			
		your vault and assigned to			
		"Custom objects" category			
		"Value" property.			
Performance					
o Ping		Pinging of Vault Server hardware	+	+	
		and software			

Node		Description	В	W	Р
•	Dumb server ping	Ping of Vault server, port 80	+	+	+
•	Vault login ping	Simple benchmark of your Vault	+	+	+

#### **Usage**

- 1. Click any node or folder in Autodesk Vault PowerPack.
- 2. Login dialog will appear.
- 3. Fill the form and establish connection to Vault Server. After first login, the login dialog will not appear while connection is alive.
- 4. The results will appear under node, you've clicked and in grid on Results pane.
- 5. If Results pane is not showing, enable it in **View** menu.
- 6. You can click any child node and see details about in.

#### **Customization**

Launch PowerGUI Administrative Console (Authoring Mode) from Start menu to edit PowerPack.

# **Version history**

# v2.0.0.2 (3/10/2014)

#### What's new

Туре	Change	Operation Operation	
Node	View folders structure	Debug, rewrite	

#### **Structure**

Same as Structure in v2.0.0.1.

# v2.0.0.1 (3/10/2014)

#### What's new

A lot of, better read "Structure" section.

#### **Structure**

Sti dotai o				
Node	Description	В	W	P
Login status				
Installation				
<ul> <li>Disable UAC</li> </ul>	Disables UAC. Reboot required	+	+	+
<ul> <li>Re-register the ASP.Net filters</li> </ul>	Re-registers the ASP.Net filters	+	+	+
	v4.0.30319 for x86 and x64 (2)			
Management				
o Users	User management	+	+	+
<ul><li>All users</li></ul>	Shows all users and information	+	+	+
	about them			
<ul><li>Users permissions</li></ul>	Shows all users and permissions	+	+	+
	for every user by click			
• Add user	Add user to vault			
<ul><li>Vaults</li></ul>				
<ul><li>All vaults</li></ul>	Shows all knowledge bases and	+	+	+
	information about them			
o Groups				

		•	All groups	Shows all groups and information about them	+	+	+
			<ul> <li>Add group</li> </ul>	Add group to vault			
	0	Catego	ories				
		•	All categories	Shows all categories and information about them	+	+	+
			Add category	Add category to vault			
		Roles	<ul> <li>Add category</li> </ul>	Add Category to Vault			
-	0	Roles	All valas	Shows all roles and information			
			All roles	about them	+	+	+
	0	Folders	S				
			View folders structure	Shows folder structure in vault and information about them	+	+	+
	0	Custon	n objects				
		•	All custom entity definitions	Show all custom entity definitions			
	0	Proper	ties				
			File properties	Shows all properties of 'FILE'	+	+	+
	0	Numbe	ering schemes	• •			
			All	Shows all numbering schemes	+	+	+
		•	Activated	Shows all activated numbering schemes	+	+	+
		•	ApplicationDefault	Shows all application default numbering schemes	+	+	+
		•	Deactivated	Shows all deactivated numbering schemes	+	+	+
		•	SystemDefault	Shows all system default numbering schemes	+	+	+
•	Admini	istration		5			
	0		n entity	Ticks for custom entities	+	+	+
	-	•	Add today's EUR-USD exchange	You should have "Exchange	+	+	+
			rate	rates" custom object definition in			
				your vault and assigned to			
				"Custom objects" category			
				"Value" property.			
•	Perforr	mance					
	0	Ping		Pinging of Vault Server hardware and software	+	+	+
			Dumb server ping	Ping of Vault server, port 80	+	+	+
			Vault login ping	Simple benchmark of your Vault	+	+	+
				simple administration four value			

# v1.2.0.3 (3/4/2014)

# What's new

Туре	Change	Operation	
Node	View folders structure	Debug	

# v1.2.0.2 (3/3/2014)

# What's new

Type Change	Operation
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Node	Re-register the ASP.Net filters	Added	
Node	View folders structure	Added	

# **Structure**

Node			Description	В	W	Р
• Installa	tion					
0	Disable	UAC	Disables UAC. Reboot required	+	+	+
0	Re-regi	ster the ASP.Net filters	Re-registers the ASP.Net filters v4.0.30319 for x86 and x64	+	+	+
• Admini	stration					
0	Users		User management	+	+	+
	•	All users	Shows all users and information about them	+	+	+
	•	Users permissions	Shows all users and permissions for every user by click	+	+	+
0	Vaults					
	•	All vaults	Shows all knowledge bases and information about them	+	+	+
0	Groups					
	-	All groups	Shows all groups and information about them	+	+	+
0	Catego	ries				
	•	All categories	Shows all categories and information about them	+	+	+
0	Roles					
	•	All roles	Shows all roles and information about them	+	+	+
0	Folders					
	•	View folders structure	Shows folder structure in vault and information about them	+	+	+

# v1.2.0.1 (2/28/2014)

# What's new

Туре	Change	Operation
Node	Icons for folders	Added
Node	Login management	Totally changed

## **Structure**

Node	Description
Installation	
<ul> <li>Disable UAC</li> </ul>	Disables UAC. Reboot required
Administration	
<ul><li>Users</li></ul>	User management
<ul><li>All users</li></ul>	Shows all users and information about them
<ul><li>Users permissions</li></ul>	Shows all users and permissions for every user by click
<ul><li>Vaults</li></ul>	
<ul><li>All vaults</li></ul>	Shows all knowledge bases and information about them
o Groups	
<ul><li>All groups</li></ul>	Shows all groups and information about them
<ul> <li>Categories</li> </ul>	
<ul><li>All categories</li></ul>	Shows all categories and information about them
o Roles	

# v1.1.0.1 (2/27/2014)

Development started.

# **Bibliography**

- 1. **Yemelyanov, Dmitry.** autodesk-vault-programmers-cookbook-01. *Zippy Bytes*. [Online] 02 13, 2014. [Cited: 2014 13, 2014.] <a href="http://zippybytes.blogspot.nl/2014/02/autodesk-vault-programmers-cookbook-01.html">http://zippybytes.blogspot.nl/2014/02/autodesk-vault-programmers-cookbook-01.html</a>.
- 2. **Autodesk Inc.** Wikihelp. *Vault Installation Pre-checks. ASP Status Check.* [Online] 2014. [Cited: 3 3, 2014.] <a href="http://help.autodesk.com/view/VAULT/Help/ENU/?guid=GUID-47A9F7E6-2840-4797-9F00-D8977B17F5F4">http://help.autodesk.com/view/VAULT/Help/ENU/?guid=GUID-47A9F7E6-2840-4797-9F00-D8977B17F5F4</a>.

#### **Contact**

This PowerPack was written by Dmitry Yemelyanov and was initially made available through Dmitry's blog <u>Zippy Bytes</u>.

## **Support Information**

For support for this plug-in, please access the PowerPack's page here.

Visit GitHub for more information.

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