Autodesk Vault 2014 PowerPack for PowerGUI

readme

v2.0.0.2

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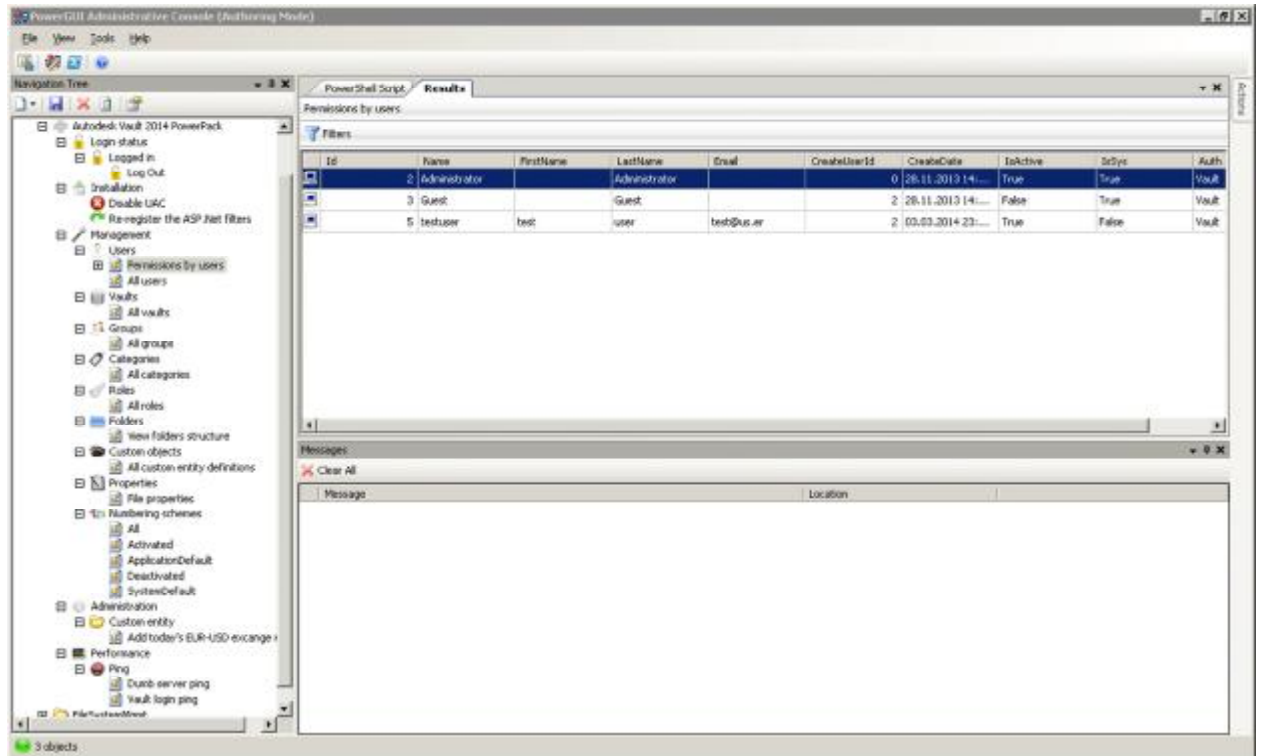Description, instructions and version history

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 PowerGUI's Administrative Console.

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

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): **B** – Vault Basic; **W** – Vault Workgroup; **P** – Vault Professional.

Node	Description	B	W	P
• Login status				
• Installation				
o *Disable UAC*	Disables UAC. Reboot required	+	+	+
o *Re-register the ASP.Net filters*	Re-registers the ASP.Net filters	+	+	+

Node	Description	B	W	P
	v4.0.30319 for x86 and x64 (2)			
• Management				
o *Users*	User management	+	+	+
■ **All users**	Shows all users and information about them	+	+	+
■ **Permissions by users**	Shows all users and permissions for every user by click	+	+	+
• <u>Add user...</u>	Add user to vault			
o *Vaults*				
■ **All vaults**	Shows all knowledge bases and information about them	+	+	+
o *Groups*				
■ **All groups**	Shows all groups and information about them	+	+	+
• <u>Add group...</u>	Add group to vault			
o *Categories*				
■ **All categories**	Shows all categories and information about them	+	+	+
• <u>Add category...</u>	Add category to vault			
o *Roles*				
■ **All roles**	Shows all roles and information about them	+	+	+
o *Folders*				
■ **View folders structure**	Shows folder structure in vault and information about them	+	+	+
o *Custom objects*				
■ **All custom entity definitions**	Show all custom entity definitions			
o *Properties*				
■ **File properties**	Shows all properties of 'FILE'	+	+	+
o *Numbering 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	+	+	+
• Administration				
o *Custom entity*	Ticks for custom entities	+	+	+
■ **Add today's EUR-USD exchange rate**	You should have "Exchange 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	B	W	P
▪ **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

Type	Change	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

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

▪ **All groups**	Shows all groups and information about them	+ + +
• <u>Add group...</u>	Add group to vault	
o *Categories*		
▪ **All categories**	Shows all categories and information about them	+ + +
• <u>Add category...</u>	Add category to vault	
o *Roles*		
▪ **All roles**	Shows all roles and information about them	+ + +
o *Folders*		
▪ **View folders structure**	Shows folder structure in vault and information about them	+ + +
o *Custom objects*		
▪ **All custom entity definitions**	Show all custom entity definitions	
o *Properties*		
▪ **File properties**	Shows all properties of 'FILE'	+ + +
o *Numbering 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	+ + +
• Administration		
o *Custom entity*	Ticks for custom entities	+ + +
▪ **Add today's EUR-USD exchange rate**	You should have "Exchange 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	+ + +
▪ **Dumb server ping**	Ping of Vault server, port 80	+ + +
▪ **Vault login ping**	Simple benchmark of your Vault	+ + +

v1.2.0.3 (3/4/2014)

What's new

Type	Change	Operation
Node	View folders structure	Debug

v1.2.0.2 (3/3/2014)

What's new

Type	Change	Operation

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

Structure

Node	Description	B	W	P
• Installation				
o *Disable UAC*	Disables UAC. Reboot required	+	+	+
o *Re-register the ASP.Net filters*	Re-registers the ASP.Net filters v4.0.30319 for x86 and x64	+	+	+
• Administration				
o *Users*	User management	+	+	+
▪ **All users**	Shows all users and information about them	+	+	+
▪ **Users permissions**	Shows all users and permissions for every user by click	+	+	+
o *Vaults*				
▪ **All vaults**	Shows all knowledge bases and information about them	+	+	+
o *Groups*				
▪ **All groups**	Shows all groups and information about them	+	+	+
o *Categories*				
▪ **All categories**	Shows all categories and information about them	+	+	+
o *Roles*				
▪ **All roles**	Shows all roles and information about them	+	+	+
o *Folders*				
▪ **View folders structure**	Shows folder structure in vault and information about them	+	+	+

v1.2.0.1 (2/28/2014)

What's new

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

Structure

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

▪ **All roles**	Shows all roles and information about them	

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.] http://zippybytes.blogspot.nl/2014/02/autodesk-vault-programmers-cookbook-01.html.

2. **Autodesk Inc.** Wikihelp. *Vault Installation Pre-checks. ASP Status Check.* [Online] 2014. [Cited: 3 3, 2014.] http://help.autodesk.com/view/VAULT/Help/ENU/?guid=GUID-47A9F7E6-2840-4797-9F00-D8977B17F5F4.

Contact

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

Support Information

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

Visit GitHub for more information.

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