

Proposal

Vocabularies for Information Guidance Topics

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Who we are ...

The image displays four overlapping screenshots of the Microsoft TechNet website, illustrating its content and navigation. The top-left screenshot shows the TechNet homepage with a search bar and navigation tabs. The top-right screenshot shows a search results page for 'PowerShell'. The bottom-left screenshot shows a 'TechNet Gallery' page with a list of categories and their counts. The bottom-right screenshot shows a 'Wiki Page' for 'How to Generate a Self-Signed Certificate Using PowerShell'.

TechNet Gallery

Resources for IT Professionals > Gallery

SCOPE RESULTS

CATEGORIES

Category	Count
Active Directory	751
Applications	153
App-V	27
Backup and System Restore	41
Databases	288
Desktop Management	353
Exchange	285
Group Policy	52
Hardware	312
Interoperability and Migration	4
Local Account Management	33
Logs and monitoring	70
Messaging & Communication	23
Multimedia	28
Networking	333
Office	301
Operating System	435
Other Directory Services	87
Printing	139
Remote Desktop Services	201
Scripting Techniques	595
Security	64
Servers	550

TechNet Wiki

Wiki - All Tags - PowerShell

Tagged Content List

- Wiki Page: How to Generate a Self-Signed Certificate Using PowerShell**
Adam Condo - MST
Overview There may come a time when a certificate is needed for testing purposes, and a certification authority (CA) is not readily available. The sample script below provides the following: Self-signed certificates in the Local Machine Personal store, 2048 bits private key, marked expirable.
on 20 Sep 2011
- Wiki Page: How to Use PowerShell to Create a Wiki Catalog Page**
Peter Gaskin
Wiki powered Zehn Summary This script builds a HTML catalog page based on the tags you put in a list. With this powershell script you can quickly create your HTML catalog file with tags of your choice. The file uses a header and footer text file (HTML) to add static content at the beginning...
on 20 Sep 2011
- Wiki Page: How to Use PowerShell to Export all MPRs into a GridView (or Excel) for Documentation**
Peter Gaskin
FIM ScriptBox Item FIM ScriptBox Item Summary This powershell script was designed to query for all MPRs and place them in the PowerShell GridView to easily search on things such as Windows by name. It was designed to easily document existing MPRs and to import them into...
on 13 Sep 2011
- Wiki Page: Windows PowerShell**
Ed Price - MST
Table of Contents Introduction Windows Features How to get PowerShell PowerShell Snippets...

Popular Tags

- Active Directory
- AD FS
- AD FS 2.0
- adfs
- ADFS 2.0
- Analysis Services
- AppFabric
- azure
- Cloud Computing
- code
- docs
- crm
| Denali | Denali CTP3 | DirectAccess | Ed Price |
| Exchange | Exchange Server 2010 | Fernando Lopes Velten | FIM |
| FIM | FIM 2010 | FIM How To Script | FIM ScriptBox Item |
| FIM Technical Article | FIM | forefront | Forefront Identity Manager |
| Forefront Identity Manager | Forefront UAG | Issues | GPO |
| has image | How To | Hyper-V | IS |
| IS | IS 7.5 | IS 7.5 | IS 7.5 |
| Jordano Mazzoni | Kramer | Luciano Lima | Lutz |
| Henrique Lima Campos | Lynn Server | needs work | operating |
| Português Brasil | PowerPivot | PowerShell | Project 2010 |
| pt-BR | release notes | SCM | test |

Problems

- Technical communication needs consistency when authoring guidance topics
 - No structured data model for Guidance topics such as Code snippets/scripts, How-to topics, KB articles, and troubleshooting guidance
 - Fragmented across all Web assets such as code repositories, blog post, articles, magazines etc.
- Searching for guidance needs improvements
 - Search engines to easily discover and classify results based on the type of vocabulary used and relationship on guidance topics
 - Enable search engines to deliver results following domain applicability, task relationship, reputation, and quality
- Standardization on consumer tools on next generation help and content management/publishing systems

Discussion: Sharing Information Guidance

- Structured data
 - Guidance topics needs:
 - Common properties: title, author, description, rating, type, unique identifier (uri)
 - Information type specific properties.
 - Information types can be Code Snippets/Scripts, How-Tos, Troubleshooting articles, KBs
 - Exposing the structured data through APIs
- Schema.org vocabulary extension vs new
- Establish Relationship between entities
 - For example, searching for scripts should get information on How-Tos related to script usage and vice-versa.

Proposal 1: Technical Articles

- New type : Technical article
- Extensions to Articles (<http://schema.org/Articles/TechnicalArticle>) vocabulary to add special properties needed for different type of Tech article such as How-tos (tasks) , KB, Troubleshooting etc.,
- Example: How-to (task) topics
 - Procedural , step by step
 - Expose topic as a whole or as individual steps

Property	Properties From	Expected Type	Description
*	CreativeWork		
articleBody	Articles	Text	
articleSection	Articles	Text	
Information type		Text	How-to vs KB
Codeurl		URL <need to discuss>	Optional Code reference

Proposal 2: Code

- A Code is an IT artifact. There are different types of code: Scripts, templates, samples, executable/dlls/lib
- Proposal: Consider for a new vocabulary ; most properties from CreativeWork is relevant.
- itemscope itemtype="http://schema.org/Code"

Property	Properties From	Expected Type	Description
*	CreativeWork		
Language		Text	Programming language
Key words		Text	Technology / product areas
Detailed Description		Text	
Code type		Text	Enum: Scripts, Templates, Samples, Executable, DLLs, Lib
Code body		Text	
CodeAttachments		URL	Reference to exes or dlls
Reference articles		URL	Reference to related articles such as KBs, How-Tos etc.