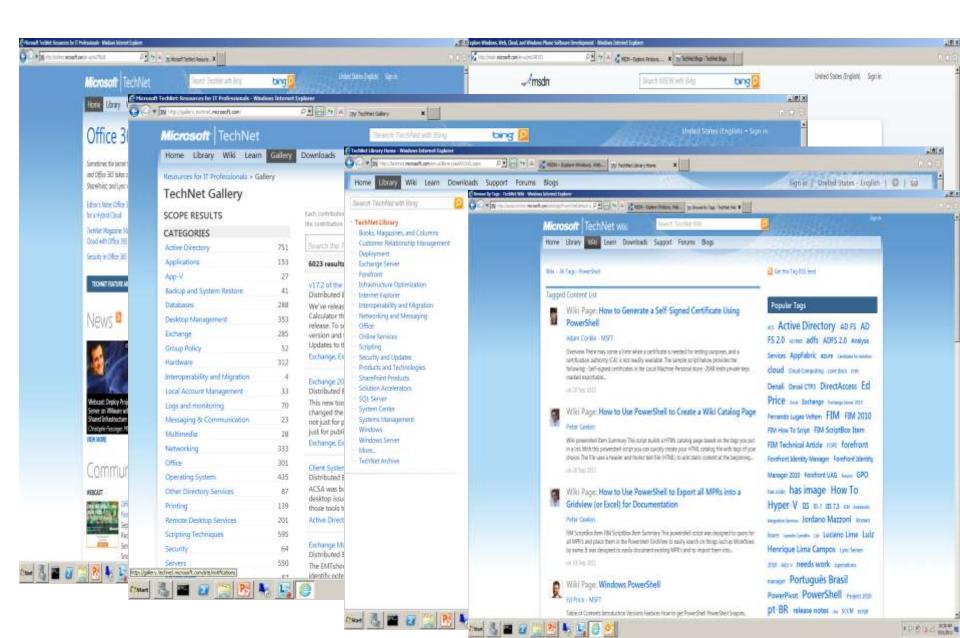
### **Proposal**

# Vocabularies for Information Guidance Topics

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#### Who we are ...



#### **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 discuss="" to=""></need>	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.