WIKI

A SYSTEMS PROGRAMMING PRODUCTIVITY TOOL

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Agenda

- Issue faced in the System z community

- Evolution of Documentation

- zNexGen Survey

- Using Wikis as a documentation solution

- Demonstrations using Wikis

Challenge

Maintain and transfer knowledge as key System z programmers retire and new ones are hired

Ideal Solution

- Comprehensive search and navigation capabilities

- Easy to use and maintain

- Simplified updating process

- Flexible documentation structure

- Stable and reliable platform

- User-friendly environment

Evolution of IBM Documentation

IBM Manuals

- Paper based
- Technical News Letter (TNLs) updates

BookManager

- Workstation and terminal access
- Grouped by subject or frequency of use

Information Center

- Web based
- Recognizable tree structure

Evolution of Site-specific Documentation

Partition Data Set (PDS) members

- Reference documentation contained in a related PDS

z/OS Documentation Web Site

- Internal z/OS documentation

Next solution

?

Disadvantages of Previous Methods

- Advanced technical terminology

- Keyword search not available

- Difficult to navigate

- Lack tutorials and examples

- Not tailored to businesses

- Difficult to edit and add documents

What did our users want?

System z programmers with less than 2 years' experience were asked about:

- Current documentation methods

- Learning curve in the industry

- Importance of accurate and accessible documentation

Survey Results: Current Docs

- Hard copy manuals

- SharePoint

- Use of global reference repositories

- 80% of the participants agreed a central documentation location is very beneficial

Survey Results: Comments

"I have never worked at a job where documentation was such a necessity."

"It would be a great help to have all of the information that I'm looking for in one location, as opposed to searching through a number of manuals."

Solution

Implementing a

Wiki documentation repository

What is a Wiki

A website that can be used as a documentation repository that allows the easy creation and editing of multiple interlinked web pages through a Web browser or text editor

Advantages of Wiki Platform

- Easy to learn, use and maintain

- Edits available immediately without delay

- Easily adaptable to fit any business need

- Requires minimal site administration

- Categorized as stable and reliable application software

- Easily modifiable platform structure

Wiki Editing tools

- <u>Rich Text Editor</u> - requires minimal word processing skills for less experienced editors.

- <u>Basic Text Editor</u> - requires familiarity of wiki syntax, for more advanced editors while providing more formatting capabilities than the Rich Text Editor.

- <u>Wiki Text Edit</u> - requires a strong understanding of wiki syntax while providing the capability of combining of Wiki and HTML syntax.

Rich Text Editor Example

Editing Bluezone.mf

[Disable rich editor]

[Toolbar: Wikitext | Cut Copy Paste | Print | Undo Redo | Find Replace | Table Eraser | 3D Table Image | Format buttons | Symbol Σ | etc.]

Format: Normal | **B** *I* U ABC x₂ x² | Numbered List, Bulleted List | Quote | Link buttons | Anchor | etc.

This page describes the BlueZone software from Rocket Software and some of the more frequently performed tasks associated with using the product.

Initials Steps for Defining a Terminal or Console

- On your PC, go to Start--->Programs--->Bluezone--->BlueZone Session Manager
- In the pulldown box near the top right corner of the Session Manager window, select *Show All Sessions*
- In the pulldown box near the top left corner of the Session Manager window, select *Mainframe Display*
- On the top toolbar, select *Session* and then select *New Mainframe Display*
- If you get a popup window titled *License Manager Info* you should click on *Configure*. In the subsequent *Session Configuration* popup, enter **bluezonelic.na.sas.com** in the *Add Server* box, then click on *Add->* to place it in the *Server List*. Click on *Apply* and then click on OK. You should be returned back to the *License Manager Info* window in which you should now click on *RETRY*
- Go to the appropriate section below for the remaining steps to define either a TSO logon session or a Console session.

Defining a BlueZone Logon Terminal

- In the *Define New Connection* window, enter a short descriptive titlebar name in the *Connection Name* box (eg: **TSO terminal - DEVB**) and enter the applicable system information in the *Host Address* box from the list of mainframe hosts below. Make sure the *LU Name* value is blank, leave the *TCP Port* value as 23 and the *Backup Host* as NONE, and make sure the *Enable TN3270E* box has been checked. Lastly, click on *OK*

* Ascii syntax with a full toolbar

Basic Text Editor Example

[Rich Editor] [Open Rich editor in new window]

B *I* Ab A √n ─

```
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<br>

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<pre>Mainframe Hosts:
```

* Wiki syntax code with an abbreviated toolbar

Wiki Text Editor Example


```
Editing Bluezone.mf
[Disable rich editor]

Wikitext    ✂  📋  📋  🖨  ↶  ↷  🔍  🔍  📋  🗒  🖉  🗒  📋  🖼  ═  ↕  🔗  ⊗  📄  Σ  ↘  🗒
Format  ▼   B  I  U  ABC  ×²  x²  ≔  ≔  ≔  66  🔗  🔗  ⚓  🖥  🔗

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<pre>Mainframe Hosts:
S390DEVA.MVS.SAS.COM – TSO19/C19TSO – DEVA
S390DEVB.MVS.SAS.COM – TSO16/C16TSO – DEVB
S390DEVD.MVS.SAS.COM – TSO15/C15TSO – DEVD
S390DEVT.MVS.SAS.COM – TSO14/C14TSO – DEVT
S390DEVY.MVS.SAS.COM – DEVY
SDCESA.MVS.SAS.COM    – TSO7/C07TSO  – TST1
SDCMVS.MVS.SAS.COM   – TSO2/C02TSO  – PROD
SDCVM.VM.SAS.COM       – SDCVM
VMDEV01.VM.SAS.COM    – VMDEV01 (VM01)
</pre>
 

*The last remaining popup window titled ''TN3270E Properties – xxxxxxx'' where xxxxxx is the descriptive
text you used in the preceding step.  Select the ''Device'' tab and click on the radio button for
Device Type ''3279'' and for Device Model "'''3 (32x80)", ''as well as the box for
both ''Extended Attributes ''and''Override 3270 Emulation Model Type'', then click on ''OK''
```

* Wiki syntax code-only

Wiki Overall Benefits

- Easy access to needed documents

- Easy to modify and create documents

- Add text, pictures, and links in documentation

- Documentation tailored

- Cost free implementation

- Overall ease of use

Demo

- **Creating a Wiki page**

- **Editing a Wiki page**

- **Keyword Search of a Wiki**

- Create and experience the features of a Wiki at:

  www.wikispaces.com

Question/Comments