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Subject: DOE and LSN Meeting Summary of 10/15/01
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Please let me know if you have any questions or concerns about the following - Thanks, Matt.

1. The meeting was opened by Dee Jensen who stated that Friday would be his last day and he thanked everyone involved with the project for their effort. Dee's efforts were also acknowledged.

2. Matt Schmit outlined the results of the spider (with indexes added) of the DOE site which took approximately 6 hours initially (to spider and index) and approximately 1 hour for the subsequent spider (check for changes). Harry Leake noted that DOE is working to collapse their current directory structure as a test to see how much performance can be improved. Harry will notify Matt Schmit via E-mail when the collapsed structure has been completed by DOE. Harry indicated that DOE is targeting the end of the week to complete this effort. The LSN team continues to investigate other ways to improve spidering performance but until the test for the collapsed directory structure is completed, these will be kept on the development server.

3. DOE reported on the results of viewing the DOE source documents on the LSN site from the DOE user machines. The same results were noted from DOE machines as noted from NRC machines where reading the entire document required scrolling from left to right. In addition, printing of these documents will result in text cut off on the right margin. The text is not wrapped within the browser as with normal HTML because DOE is trying to make the text version look as close to the official version (e.g., TIFF Image) as possible. Several comments were made regarding this:
- Harry and Brad noted that without the forced formatting (PRE tag) the document would wrap within the browser but would have no structure (indiscriminately wrap, etc.) and would not look at all like the image copy. This could cause significant user problems when viewing the text copy.
- Dee Jensen noted that users should not be printing the text version but the image version. Matt Schmit noted that currently the LSN only has the ability to print the image version one page at a time. In addition, Dee noted it may be necessary to prohibit printing of the text source. This would encourage users to rely on the official version (e.g., TIFF Image) and not the text version which is subject to OCR errors, for example.
- A DOE CGI script could be used to print the TIFF images.
- LSN could develop a printing solution for single page TIFF images.
- PDF could be used.
- It was noted that additional factors, such as user machine resolution, landscape printing, and font size can be modified. NRC has conducted limited testing on these options and the following results were observed:
(a) Landscape printing does work.
(b) Changing user resolution does allow the entire document to be viewed (e.g., without scrolling). However, printing still cuts it off on the right side.
(c) We adjusted the font so that the entire document would be viewed and printed. However, it required reducing it to approximately a 7 point font (get out your bi-focals!).

4. The fact that the LSN is currently configured with the Non-digital Media field as a single-valued field, 25 characters in length was discussed. The NRC asked if DOE felt this was going to be a problem as their system keeps this information in a multi-valued field. DOE will review their data to see if there will be any impact of this anomaly between the LSN and the DOE system. If a change is needed, the LSN will submit this as an enhancement as the requirements (e.g., field format) have been locked to deliver a baseline version (1.0) of the LSN software.

4a. Matt Schmit noted that the contradictory information concerning the Non Digital Media field in the LSN guidance documents had been fixed. However, the revised guidance has not yet been issued. NRC is preparing to provide updated guidance in the near future. In addition, the NRC would like to integrate, as appropriate, DOE comments or concerns into the revised guidance. Therefore, the attached E-mail from 8/23 is the responses to DOE questions from the LSNARP meeting. Did DOE have any questions or concerns with the attached responses?

5. John White (LSN Contractor working with GRCI) asked if DOE was going to change the paths of the URLs in the XML files to relative. Currently, the LSN will accept either the relative or absolute path. Currently, DOE is using a relative path that includes the "Document" as part of the path. However, this is not needed as this is the root. The LSN has installed code to "remove 'Document'" from the path. DOE was unaware of this problem and can remedy.

Action Items
1. DOE/NRC will examine alternative ways (e.g., CGI script for bundling) for rendering/printing DOE documents.

1a. DOE will clarify if PDF is a viable format for the LSN (I'm sorry, my notes were sketchy on this comment).

2. DOE will evaluate the impact of a single-valued, 25 character Non Digital Media field format in the LSN.

3. DOE will implement a collapsed directory structure for testing and will notify Matt Schmit via E-mail when completed.

4. GRCI/NRC will report back results of testing with the DOE collapsed directory structure.

5. DOE will institute either an absolute or relative path for URLs in the XML files. A relative path requires less characters and would slightly reduce the size of the XML file for processing.

6. DOE will review the attached E-mail to ensure there are no questions concerning NRC responses to DOE questions.

7.   NRC will issue revised LSN guidance after ensuring DOE's questions or comments from the LSNARP meeting were satisfactorily addressed.

8. NRC will confirm the next meeting tentatively scheduled for October 30, 10am Vegas time.