



**[LTACSI] Long-Term Storage Reference Guide
Committee**

**Webcast-Review first Draft
"Decomposition of Archival System"
March 2008**



Long-Term Storage "Reference Guide Committee"
Chair Peter Mojica, AXS-One Inc.

➤ Long-Term Storage “Reference Guide Committee”

- ◆ Co-Chair Peter Mojica, AXS-One Inc.
- ◆ **LT-SRG Committee Charter Statement**
- ◆ **The LT-SRG charter is to address the more practical implementation and design challenges for long-term archival utilizing both a current state and future state framework.**
 - *What’s here, what’s coming and how to best use it and what to be aware of...*

- ◆ The LT-SRG proposed 3 major initiatives for 2008
- ◆ The resulting work products will be consumer friendly guides aimed at end-users (practitioners) and re-usable frameworks for furthering the continuation of the research.
- ◆ All work-product will remain in-line with current industry standards and recommendations. In other words, we are not attempting to initiate new or competing standards.

1. The LT-SRG will initiate a “**living archive system decomposition**” an end-to-end archival infrastructure. Like mapping of the human genome. Identifying each component from software to hardware to process, and map each components impact to long-term storage and archival.
2. The LT-SRG will initiate **research and produce guidance on disruptive technologies** to provide best practice recommendations on the utilization of disruptive technologies within the framework produced in number one.
3. The LT-SRG will initiate **further research extending the 100 Year Archive survey** data to extrapolate “the how”.

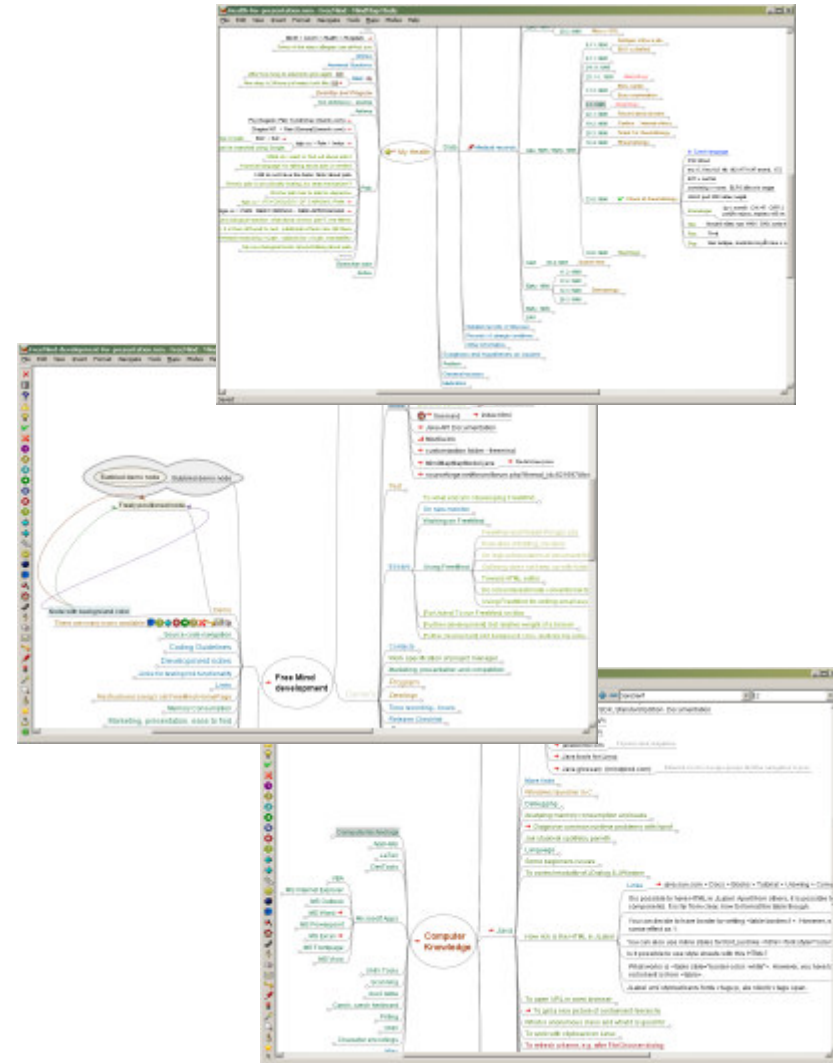
Today's Focus: Initiatives #1

- The LT-SRG will initiate a “**living archive system decomposition**” an end-to-end archival infrastructure.
- Like mapping of the human genome.
- Identifying each component from software to hardware to process, and map each components impact to long-term storage and archival.

- Create an end-to-end depiction of an archival system, which includes people, technology, process
- Why?
 - ◆ Document “end-to-end” Knowledge
 - ◆ Provide a practical “top down” view of what is really involved (in its totality) for building, maintaining and managing an archive.
 - ◆ Facilitate discussions between consumers/end users and producers/vendors
 - ◆ It’s fun! Because we can! It’s challenging!
- Foundation for moving other LT-SRG initiatives forward

Tool Selection

- ◆ Mapping Software
- ◆ Freemind
- ◆ Open source software licensed under GPL
- ◆ URL
http://freemind.sourceforge.net/wiki/index.php/Main_Page

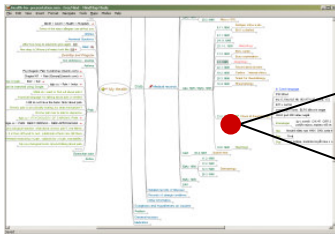


What will the map contain?

➤ Decomposed views

- ◆ Question: How far, how technical, should the map drill down to ?

➤ Standard index card for each node on the map

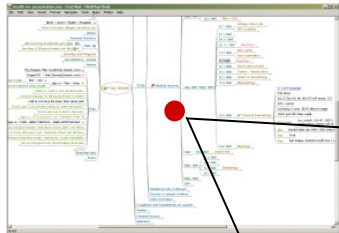


Description:

Concerns:

Best Practices:

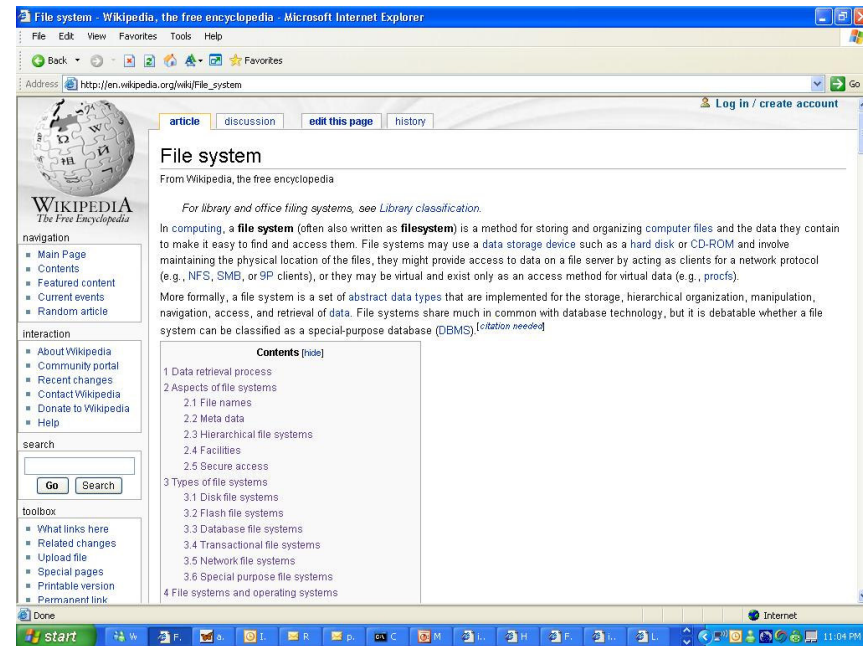
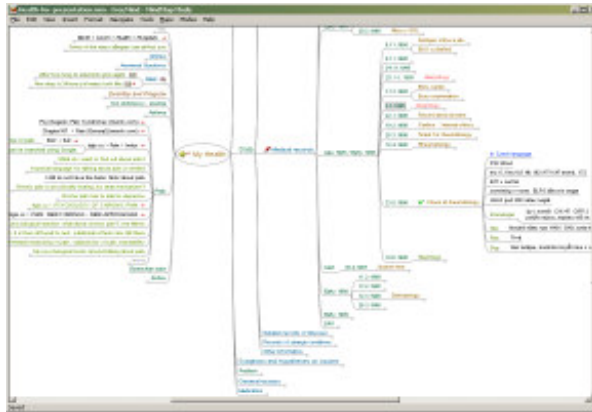
A more aggressive index card



- 1) Identification
- 2) Description of current and future state
- 3) Business Requirement
- 4) Conflicting Requirement Identification
- 5) Industry Best practice
- 6) SNIA Recommendation.

Hyperlinks

- Hyperlinks to SNIA Dictionary and SNIA Information or suitable Wikipedia pages



➤ Legend & labels for filtering map to logical segments

<u>Legend</u>	
1-Required	4-.....
2-Optional	5-.....
3-Legal Discovery	 Disruptive Technology

We need your help!

Advancing storage & information technology



▶ Long Term Reference Guide



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- ▶ Preview
- ▶ Questions
- ▶ Feedback
- ▶ Thank you