

## **PSPC OPAC Subcommittee Quarterly Report**

### August 2007

The subcommittee has been meeting weekly with FCLA to develop and improve Endeca and get it ready for launch in the fall. Over the last quarter, there have been many stress tests and modifications. The following is a chronology of significant events and developments since June.

#### June

- New hardware installed to improve Endeca load capacity after earlier stress test failure. Second load test failure. More work is done on the configuration of the servers.
- Usability results released on Endeca. Overall positive feedback.
- 6/28 stress test is not successful.

#### July

- Subcommittee decided in favor of abandoning ENDECA development temporarily to develop out of the box Aleph v.18 OPAC for roll-out in the fall.
- SUL deans and directors meet and decide in favor of doing minimal modifications to “out of the box” Aleph v.18 OPAC to achieve a look similar to v.15.5. OPAC subcommittee is charged with this task. Rollout for Group 1 libraries is pushed back to July 30<sup>th</sup>. All other libraries launch as scheduled originally.
- Subcommittee members work on making modifications to v.18 OPAC with FCLA and FCLA continues to work on test load configuration for Endeca.
- 7/16 Endeca stress test successful: The test had 95 people, 4,231 requests to Endeca in 10 minutes. A little over 7 hits per second. Our busiest hour on Aleph last fall was 7.8 hits per second. 77% of the requests arrived at the Endeca server when there was no queue. Of the 23% requests, that had to wait, the average wait time was about 3 seconds. The overall average response time (at the Endeca server) was 1.1 seconds.
- 7/23 Endeca stress test successful: About 310 people searching. The first 10 minutes were busier than the full 15 minutes. 9597 requests to Endeca, just under 16 hits per second. Just about double the Aleph peak from last fall.
- Group 1 libraries (UWF, UNF, and UF) roll out Aleph v.18 OPAC because of patron empowerment problems in Endeca.
- Subcommittee prioritizes issues into tiers 1, 2, and 3 to guide Endeca development.

#### August

- Subcommittee continues to work with FCLA on Endeca development. Group 1 rollout of v.18 is successful.
- Tier 1 “show stopper” issues are resolved.
- Subcommittee re-prioritizes issues into new categories.
- 8/16 meeting report out by members indicate all libraries except FAMU intent to launch Endeca as their primary OPAC in the fall.
- 8/17 Stress test successful: FCLA states: The stress test results looked very good again. We were only running 5 servers as opposed to the usual 6. This

was due to the increased index size while schools are running on different Aleph versions. There were 179 people, 5668 requests to Endeca, 6.319 requests per second. The average response time at the server was 1.3 seconds. The slowest response time at the server was about 30 seconds. The percentage of searches that took over 5 seconds was about 6%. This percentage will improve once we can run 6 servers again.

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