Voyager Field Testing,

IGeLU 2008
Agenda

- Why Field Test?
- Our Field Test Environment
- Upgrades
- The Field Test Process
- Collaborative Testing
- The VPG/VPWG and Ex Libris
Why Field Test

- Prevents upgrade horrors (help anyway)
- Close interaction with analysts and developers
- Provide some input into Voyager development
- Been doing it since 2000
Our Field Test Environment

Main focus is Universal Borrowing / Universal Catalog

We use two test servers
- One for the Universal Catalog
- One for multiple Local (UB) databases (four)

Refresh test servers
- Copy entire /m1 filesystem
- Export DBs from production, Clean test DB, import DB
Our Field Test Environment

Refresh test servers

- Copy entire /m1 filesystem
  - From just one of the instances selected for test
  - I generally do the largest
    - From test server, nfs mount /m1 on Prod server and perform tar copy

- Export other DBs from production, CleanDB on test DB, import DB
Our Field Test Environment

- Refresh Test servers
  - Export other DBs from production
  - Do CleanDB on test DB (if exists)
  - Import DB
Our Field Test Environment

- Change database configurations
  - Point test DBs to other test DBs
  - Turn off UB on other 31 DBs in all 5 test DB config files
Running the Upgrades

**Oracle 10g**

- Mostly well documented. Fairly straight forward
- Ran into problems with Oracle parameter setup (`initVGER.ora`)
- Comes with Oracle Enterprise Mgr. We don’t use it. Resource hog
Running the Upgrades

Voyager 7.0.1

- Mostly a standard Voyager upgrade process
- Until you get to the new Webvoyage setup
- We had early copy of instructions, plus we have a non-standard (for Voyager) apache setup
Field Test Process

- Invite from Ex Libris
- Access to Voyager FT section of SupportWeb
  - Links to new documentation as available
  - Lists of Bug Fixes included (check off)
  - Lists all Institutions involved with contact info, etc.
  - Link to dynamic list of incidents reported by each institution
Field Test Process

Weekly Calls

- Participants
  - FT Coordinator, Product Manager, Support rep, Doc rep, Training rep, Product Integration rep
  - Possibly analysts and developers
  - Rep from each FT institution
Field Test Process

Weekly Calls (cont.)

- Topics
  - Current list of incidents/resolutions
  - Upcoming upgrades/patches
  - Outstanding problems needing discussion
    - Oracle 10g ODBC install
    - New Webvoyage setup and configuration
    - New Voyager client push
Field Test Process

Weekly Training

- New with Voyager 7
- Very helpful
- Several sessions on new Staff side features
- Many sessions on New Webvoyage
  - Overview, data structure / file layout, processes
  - Configuration, and modifying skins
Field Test Process

Ex Libris had this field test divided into two phases (well three really)

Phase one

- Test release (BETA02) on test servers
- Go through Bug Fix list and report findings
- Report all bugs by April 18
Field Test Process

Phase II

- Install next release (BETA03) with one or two participants installing in production
- Again go through list of fixes, including ones for bugs found in Phase I
- Report all bugs by May 30
Field Test Process

Final Phase (III)

- Install General Release Candidate (GRC)
- Again go through list of fixes, including ones for bugs found in Phases I and II
- Report any ‘Mission Critical’ bugs by June 25
Field Test Process

We concentrate on UC / UB

- 8 – 10 Circ staff work through different sets of scenarios we have developed
- Quickly found problem in requesting
- Ex Libris had it fixed in Phase II release (BETA03)

We also have staff in other areas testing as needed
Field Test Process

Results and Observations

- Voyager 7 was a very clean release
  - I think, due in part to the Collaborative Testing
- ~63 Bugs found by FT participants
- 47 of these were fixed by the General Release
- Most others due in 7.0.2 (which we are Field Testing right now)
Field Test Process

Testing has changed over the years

- Our first Beta Test was done in production
- We also did weekly upgrades back then
- The initial releases weren’t nearly as clean as Voyager 7 was
Collaborative Testing

New process implemented last year

Voyager Collaborative Testing occurred week of Jan. 21, 2008

Four testers participated
  - Two selected each by IGeLU and ELUNA
  - The VP(W)G recommended, and SC approved
Collaborative Testing

- Testing conducted at Chicago office
- It was a learning experience for both testers and Ex Libris
- Testers had many ideas on improvements for future testing
- https://support.endinfosys.com/cust/voy/user_groups/CT/index.html
Product (Working) Groups

- New to Voyager last Summer (2007)
- PWG for IGeLU, PG for ELUNA
- Comprised of about eight people with chair and chair elect
- SCs assigns liaisons, I was it for ELUNA
- Both Groups work together with Ex Libris to direct the future of Voyager
Product (Working) Groups

Monthly Calls

- Chair and SC liaison from both groups have monthly call with EL Product Management
- Groups have monthly calls (usually after the above call)
Product (Working) Groups

In 2007/2008

- Formed group, elected officers
- Voyager 8 Enhancement Process
- Collaborative Testing
- Governance document (VPG)
- Inclusion of Global Data Change
- GDC Advisory Group
Product (Working) Groups

In 2007/2008 (cont.)
- Product Development Collaboration Agreement
- Conference Planning
Questions?

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