

CARLI



Consortium of Academic and  
Research Libraries in Illinois

# **An Introduction to Using the Strawn Utilities for Authority Control Work in I-Share Libraries**

ICAT webinar

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## Today's Agenda

- General introduction to the various Strawn utilities
- Installation and configuration information
- Focus on using the tools for batch authority control work: example scenario from start to finish
- Using the output reports
- Special information about using the Strawn utilities in the I-Share environment
- NOTE: we will stop for questions after each general section



## General introduction: Supported Strawn Utilities

- The five Strawn programs currently supported by the CARLI Office for I-Share libraries are:
  - Cataloger's Toolkit
  - Correction Review
  - Correction Receiver
  - Spine Label Printing
  - Location Changer
- All five programs are authored by Gary Strawn, from Northwestern University.
  - Programs written for NWU staff; Mr. Strawn generously makes them available to others worldwide.

## Cataloger's Toolkit (a.k.a., CTK or CTKV)

- The “core” Strawn program.
- Many different functions with many different options.
- More sophisticated validation tools than Voyager.
  - Can either simply report validation errors or can actually fix some types of errors in record-by-record mode, if so configured.
- A primary starting point for batch authority control processing.
  - Easy to create batch “correction requests” that are further processed by the other programs.

## Correction Review

- Takes correction requests generated via Cataloger's Toolkit and approves them (or not) for batch processing.
  - A common setup, especially in medium and large libraries, has multiple staff creating correction requests from their daily workflow, but only one staff member with the “power” to approve the individual batch correction requests and queue them for nightly processing.
  - Can configure the “pending” folder of correction requests to reside on a shared/networked drive.

## Correction Receiver

- Takes approved batch correction requests (from Correction Review), and performs the desired heading change(s) on all applicable bibliographic records.
  - Much more sophisticated program logic than found in Voyager's Global Headings Change functionality.
    - e.g., if a subject heading is changing, this program will change the core heading as well as the heading with any subdivisions attached.
    - Recognizes different thesauri (e.g, MeSH) and record tagging.

## Spine Label Printing

- Prints spine labels from Voyager item records.
- Much more flexible configuration options and easier to use than Voyager's spine label print functionality.
- Not going to discuss more about this program in today's presentation, due to focus on authority control.

## Location Changer

- Many different functions with many different options, including:
  - Changing the item and MFHD location codes
  - Adding or deleting item status(es)
  - Adding, changing, or deleting call number prefixes
  - Deleting item, MFHD, and/or bib records
  - Suppressing MFHD and/or bib records
- Can do all functions either record-by-record, or in batch using a file of record IDs.
- Not going to discuss more about this program in today's presentation.

## Questions?

- Any questions so far on the differences between the various Strawn utilities?

## Installation and Configuration

- All of the supported Strawn utilities, as well as Mr. Strawn's documentation for them, are available for download from the CARLI website:

<http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute.html>

- Please download from our website and not Mr. Strawn's website!
  - CARLI website has the correct Strawn program version for our version of Voyager.
  - We test each posted program version for basic functionality as well as interoperability between the different programs.
  - We don't officially support any versions other than those that we post on our website.

## Installation and Configuration (cont.)

- CARLI has an extensive and very detailed installation and configuration guide that covers each supported Strawn program:

[http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute/strawn/strawn\\_install.pdf](http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute/strawn/strawn_install.pdf)

- Lots of screen shots!
- Follow the instructions exactly!
  - e.g., if the instructions say you must have a backslash at the end of a path to a folder on the PC, it's really true!

## Installation and Configuration (cont.)

- The installation guide instructs you to configure each Strawn program with a Voyager operator ID that has the appropriate privileges for using the program.
  - The Strawn programs rely on Voyager security settings for underlying “authorizations.”
    - For example, in order to run the Correction Receiver program to actually fix headings in Voyager bibs, you have to configure the program to use a Voyager operator ID that has privileges to edit bib records.
    - Only install the programs on the workstations of staff that should use them!

## Installation and Configuration (cont.)

- The I-Share technical environment is unique.
  - All Strawn programs do their “reads” from data on the Reports server, and then write to the production Voyager server.
  - Our installation guide (and other I-Share specific supporting documentation) takes this environment into account.
- Will talk about the unique features of our environment and the workflow implications in more detail later.

## Installation and Configuration (cont.)

- Installation and configuration is the biggest challenge to getting started with the Strawn programs.
  - All Strawn programs are PC-based, so may have to repeat on multiple workstations for multiple staff.
  - All require ODBC/Oracle client on the PC before you can install any Strawn program.
    - If you can run Voyager Access reports on a PC, you have already completed the ODBC setup pre-requisite.
  - It's not simple, but it IS do-able.

## Questions?

- Any questions so far on the general installation and configuration information?
- Not going to cover this in any more detail today.
- Read and follow the instructions in the I-Share installation guide. Really.

[http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute/strawn/strawn\\_install.pdf](http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute/strawn/strawn_install.pdf)

## Batch Authority Control Processing

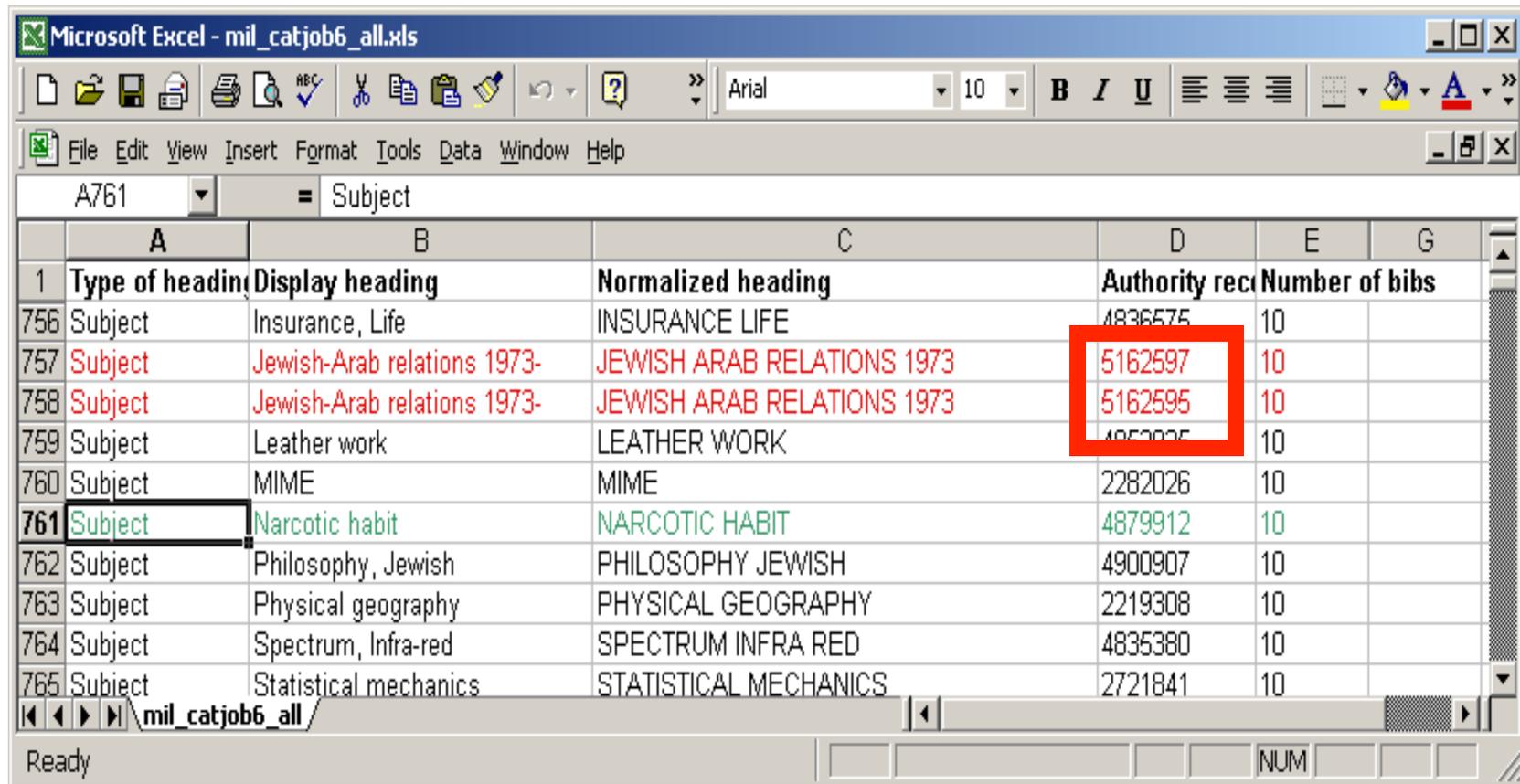
- As stated previously, the three Strawn programs that work together to generate and process batch headings changes are:
  - Cataloger's Toolkit
  - Correction Review
  - Correction Receiver
- Let's do an example from start to finish, with more details to follow.
  - Will use screen shots rather than a live demo, for the sake of time in today's webinar.

# Generate a new correction request using Cataloger's Toolkit



- Multiple workflows possible to determine when a particular bib heading requires a change.
  - “Resources for Authority Control Activities” by John Whisler (EIU):  
[http://www.carli.illinois.edu/mem-serv/mem-train/100518icat/JW\\_AuthControlRes.pdf](http://www.carli.illinois.edu/mem-serv/mem-train/100518icat/JW_AuthControlRes.pdf)
  - Our example assumes a staff member is working from a Voyager Cat 6 report, that includes bib subject headings that match cross-references in authority records, and shows counts of these bibs.
    - More info on Cat 6 report available from:  
[http://www.carli.illinois.edu/mem-prod/I-Share/secure/cat/voy\\_cat\\_reports.pdf](http://www.carli.illinois.edu/mem-prod/I-Share/secure/cat/voy_cat_reports.pdf)

# Example from Cat 6 report, imported into Excel and sorted



	A	B	C	D	E	G
1	Type of heading	Display heading	Normalized heading	Authority rec	Number of bibs	
756	Subject	Insurance, Life	INSURANCE LIFE	4836575	10	
757	Subject	Jewish-Arab relations 1973-	JEWISH ARAB RELATIONS 1973	5162597	10	
758	Subject	Jewish-Arab relations 1973-	JEWISH ARAB RELATIONS 1973	5162595	10	
759	Subject	Leather work	LEATHER WORK	4852025	10	
760	Subject	MIME	MIME	2282026	10	
761	Subject	Narcotic habit	NARCOTIC HABIT	4879912	10	
762	Subject	Philosophy, Jewish	PHILOSOPHY JEWISH	4900907	10	
763	Subject	Physical geography	PHYSICAL GEOGRAPHY	2219308	10	
764	Subject	Spectrum, Infra-red	SPECTRUM INFRA RED	4835380	10	
765	Subject	Statistical mechanics	STATISTICAL MECHANICS	2721841	10	

# Generate a new correction request using Cataloger's Toolkit (cont.)



**Headings List**

Font:

	Bibs	Staff Subject Headings Search Heading	Heading Type
Reference	10	Narcotic habit.	LC subject headings
	1	Narcotic habit—Bibliography.	LC subject headings
	1	Narcotic habit—California—Berkeley.	LC subject headings
	1	Narcotic habit—Great Britain.	LC subject headings
Reference	0	Narcotic habit in literature	LC subject headings
	1	Narcotic habit—Physiological aspects.	LC subject headings
	1	Narcotic habit—Treatment—Handbooks, manuals, etc.	LC subject headings
	4	Narcotic habit—United States.	LC subject headings
	1	Narcotic habit—United States—History.	LC subject headings

9 Headings Found      Search: Staff Subject Headings Search=narcotic habit

# Generate a new correction request using Cataloger's Toolkit (cont.)



The screenshot shows the Voyager Cataloging software interface. The title bar reads "Voyager Cataloging - [Bib 138812 : Drug addiction; a medical problem.]". The menu bar includes File, Edit, Record, Display, Options, Window, and Help. The toolbar contains icons for New, Open, Save, Search, Headings, Titles, Save to DB, Get Bib, New Hldgs, Get Hldgs, New Items, Get Items, Hierarchy, and Help.

The MARC record is displayed in the following format:

Leader: 00597cam a2200229 4500 006  
005: 20100914105030.0 007  
008: 810920 s 1962 xx\_ \_ \_ \_ 0 0 0 \_ 0 \_ eng \_ d

The subfield data table is as follows:

Tag	I1	I2	Subfield Data
019			‡a 1558212
035			‡a (OCoLC)ocm14622252
035			‡9 AZU-6898
040			‡a NLM ‡c NLM ‡d FBA
050	0		‡a RC566 ‡b .K6
060	0		‡a WM 270 ‡b K81d 1962
069	0		‡a 44210040R
082			‡a 616.863
100	1		‡a Kolb, Lawrence, ‡d 1881-1972.
245	1	0	‡a Drug addiction; a medical problem.
260			‡a Springfield, Ill., ‡b Thomas ‡c [c1962]
300			‡a xiii, 183 p.
650	0		‡a Narcotic habit.
650	2		‡a Substance Dependence

A red arrow points to the 650 2 ‡a Substance Dependence entry in the table. The status bar at the bottom shows "OCLC Control Number Cross-Reference" and the time "11:06 AM".

# Generate a new correction request using Cataloger's Toolkit (cont.)



The screenshot displays the Voyager Cataloging software interface. The main window, titled "Voyager Cataloging - [Bib 138812 : Drug addiction; a medical problem.]", shows a MARC record with the following fields:

Tag	I1	I2	Subfield Data
019			\$a 1568212
035			\$a (OCoLC)ocm14622262
035			\$9 AZU-6898
040			\$a NLM \$c NLM \$d FBA
050	0		\$a RC566 \$b .K6
060	0		\$a WM 270 \$b K81d 1962
069	0		\$a 44210040R
082			\$a 616.863
100	1		\$a Kolb, Lawrence, \$d 1881-1972.
245	1	0	\$a Drug addiction; a medical problem.
260			\$a Springfield, Ill., \$b Thomas \$c [c1962]
300			\$a xiii, 183 p.
650	0		\$a Narcotic habit.
650	2		\$a Substance Dependence

Below the MARC record is a table for "OCLC Control Number Cross-Reference". A red arrow points to the "Cataloger's toolkit" window, which is open in the bottom-left corner of the desktop. The toolkit window contains various icons for performing cataloging tasks, including a red cross, a magnifying glass, and several icons with letters and numbers.

# Generate a new correction request using Cataloger's Toolkit (cont.)



# Generate a new correction request using Cataloger's Toolkit (cont.)



The screenshot displays the Voyager Cataloging software interface. The main window shows a MARC record for the title "Drug addiction; a medical problem." with the following fields:

Tag	11	12	Subfield Data
019			\$a 1568212
035			\$a (OCoLC)ocm14622262
035			\$9 AZU-6898
040			\$a NLM \$c NLM \$d FBA
050	0		\$a RC566 \$b .K6
060	0		\$a WM 270 \$b K81d 1962
069	0		\$a 44210040R
082			\$a 616.863
100	1		\$a Kolb, Lawrence, \$d 1881-1972.
245	1	0	\$a Drug addiction; a medical problem.
260			\$a Springfield, Ill., \$b Thomas \$c [c1962]
300			\$a xiii, 183 p.
650	0		\$a Narcotic habit.
650	2		\$a Substance Dependence

The Cataloger's Toolkit window is open at the bottom, showing various icons for generating correction requests. The taskbar at the bottom shows the time as 2:00 PM.

# Generate a new correction request using Cataloger's Toolkit (cont.)



**Verification for 138812**

```
+c 100:1 : kolb lawrence 1881 1972
00 245:1 : kolb lawrence 1881 1972 drug addiction a medical problem
!n 650: 0: NARCOTIC HABIT
0+a 650: 2: SUBSTANCE DEPENDENCE
```

Matches reference. ←

Explain status	Create authority	Display authority	Change				
Hdgs changed	Series-like phrase	Bib #138812	Print				
						Show linked bibs	Close

Subfield \$9 in 035 field not defined

# Generate a new correction request using Cataloger's Toolkit (cont.)



**Request a 'batch' correction**

Old heading (from authority 4XX fields)

2 headings

450: :|aDrug dependence

Indirect subdivision form:

New heading (from authority 1XX field)

150: :|aDrug addiction

Indirect subdivision form:

Close when 'OK' button removes the last 'old heading'

Get from BAM    Send this to 'special' form    Close

Read authority    Clear    Show blank Special form    Notify ...    OK

FYI



Voyager Cataloging - [Auth 4879912 : Drug addiction]

File Edit Record Display Options Window Help

New Open Save Search Headings Titles Save to DB Get Bib New Hldgs Get Hldgs New Items Get Items Hierarchy

MARC System History

Leader 01012cz a2200289n 4500

005: 20050423043551.0

008 860211 i l \_ a n a n n b a b n \_ \_ \_ \_ \_ l a \_ a n a \_ \_ \_ \_ \_

Tag	I1	I2	Subfield Data
010			‡a sh 85089810
035			‡a (DLC)sh 85089810
040			‡a DLC ‡c DLC ‡d DLC
063	0		‡a HV5800 ‡b HV5840 ‡c Social aspects
063	0		‡a RC563 ‡b RC568 ‡c Medicine
150			‡a Drug addiction
450			‡a Addiction to drugs
450			‡a Drug dependence
450			‡a Drug dependency
450			‡a Drug habit
450			‡a Narcotic addiction
→ 450			‡w nne ‡a Narcotic habit
450			‡a Narcotics addiction
550			‡w g ‡a Drug abuse

See From Tracing-Topical Term

4:42 PM

FYI



**Headings List**

Font:

	Bibs	Staff Subject Headings Search Heading	Heading Type
Reference	0	Drug dependence	LC subject headings
	1	Drug Dependence—essays	Medical subject headings
	1	Drug Dependence—United States—bibliography	Medical subject headings

3 Headings Found      Search: Staff Subject Headings Search=drug dependence

# Generate a new correction request using Cataloger's Toolkit (cont.)



**Request a 'batch' correction**

Old heading (from authority 4XX fields)

2 headings

450: :|aDrug dependence

Indirect subdivision form:

New heading (from authority 1XX field)

150: :|aDrug addiction

Indirect subdivision form:

Close when 'OK' button removes the last 'old heading'

Get from BAM    Send this to 'special' form    Close

Read authority    Clear    Show blank Special form    Notify ...    **OK**

# Generate a new correction request using Cataloger's Toolkit (cont.)



**Request a 'batch' correction**

Old heading (from authority 4XX fields)

1 heading

450: :laNarcotic habit

Indirect subdivision form:

New heading (from authority 1XX field)

150: :laDrug addiction

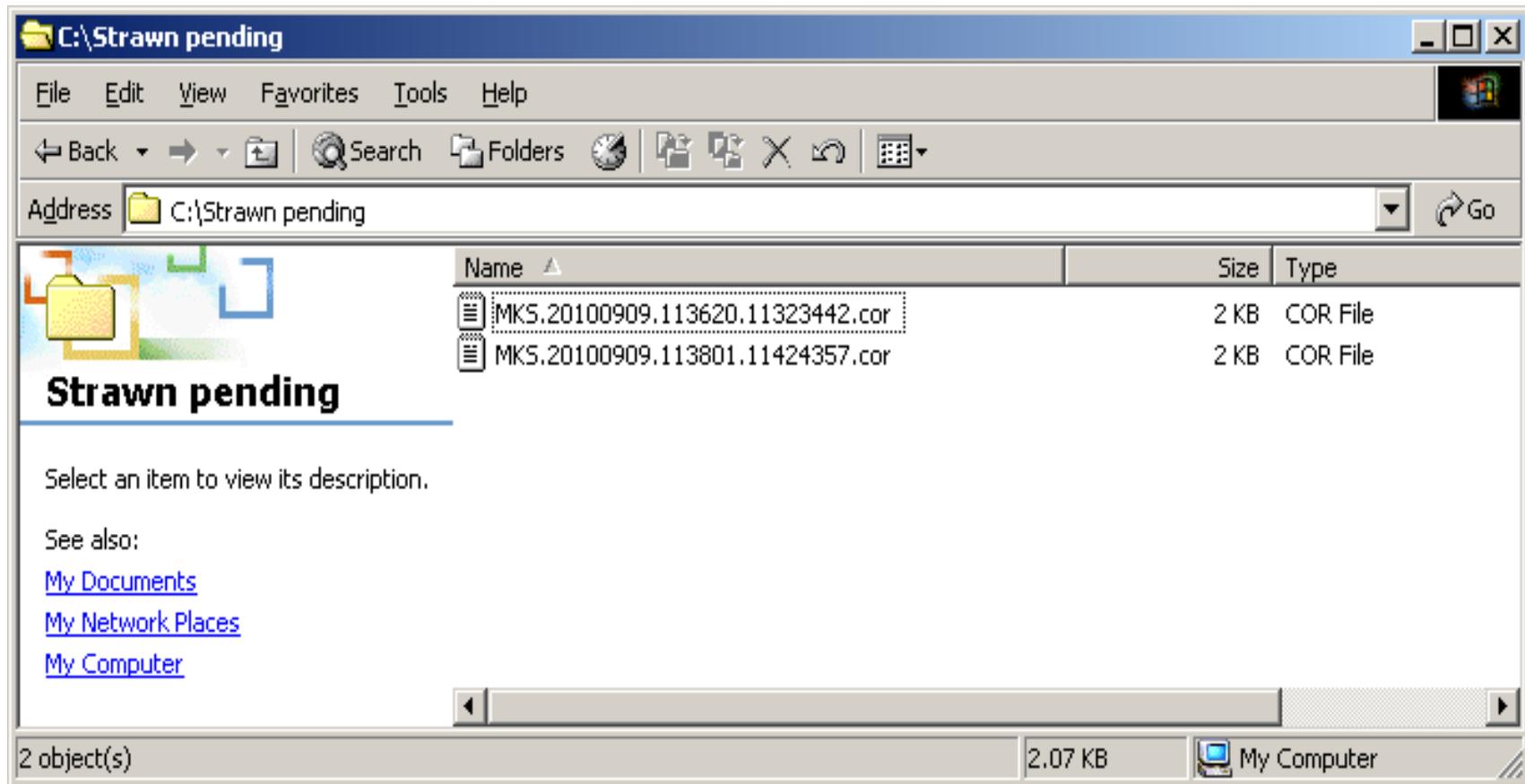
Indirect subdivision form:

Close when 'OK' button removes the last 'old heading'

Get from BAM    Send this to 'special' form    Close

Read authority    Clear    Show blank Special form    Notify ...    **OK**

FYI



## Questions?

- Any questions on the general procedure to generate a correction request via Cataloger's Toolkit?

# Approve correction requests using Correction Review

A screenshot of the "Correction review" software window. The window has a blue title bar with the text "Correction review" and standard window controls. Below the title bar is a menu bar with the following items: "Exit", "Begin review" (highlighted with a red box), "Notify", "Approve", "Delete", "Make pending again", "Next", "Previous", and "Options". The main area of the window is divided into three tabs: "Headings" (selected), "Files, etc. (nothing yet)", and "Multiples (nothing yet)". The "Headings" tab is further divided into three sections: "Old heading", "New heading", and "Control information".  
**Old heading section:** Includes fields for "Tag" and "Ind" (both empty), a large text input field, "Series numbering pattern" (empty), "Indirect subdivision" (empty), and "Subject system" (set to "a LC subject headings"). There are checkboxes for "Ignore \$v/\$x coding differences" and "Series heading". On the right are buttons for "Pick up ...", "Add as 4XX", "Add as 688", and "To clipboard".  
**New heading section:** Includes fields for "Tag" and "Ind" (both empty), a large text input field, "Series numbering pattern" (empty), "Indirect subdivision" (empty), "Geographic subdiv. comes after" (empty), and "Subject system" (set to "\* All subjects"). There are checkboxes for "Geog. subdiv. can follow" and "Change subject code". On the right are buttons for "Pick up ..." and "New authority".  
**Control information section:** Includes radio buttons for "Normal replacement" (selected), "Zap a subdivision", and "Zap whole field". There is a "Requester" text field. To the right are several checkboxes: "Change only whole geog. subdiv.", "Change if NOT whole geog. subdiv.", "Romanization change (series title)", "Change only subjects", "Change only non-subjects", "Change only 651, not \$a of X10/X11", "Move following \$p or \$n to \$v", and "Preserve \$v/\$x coding during change".

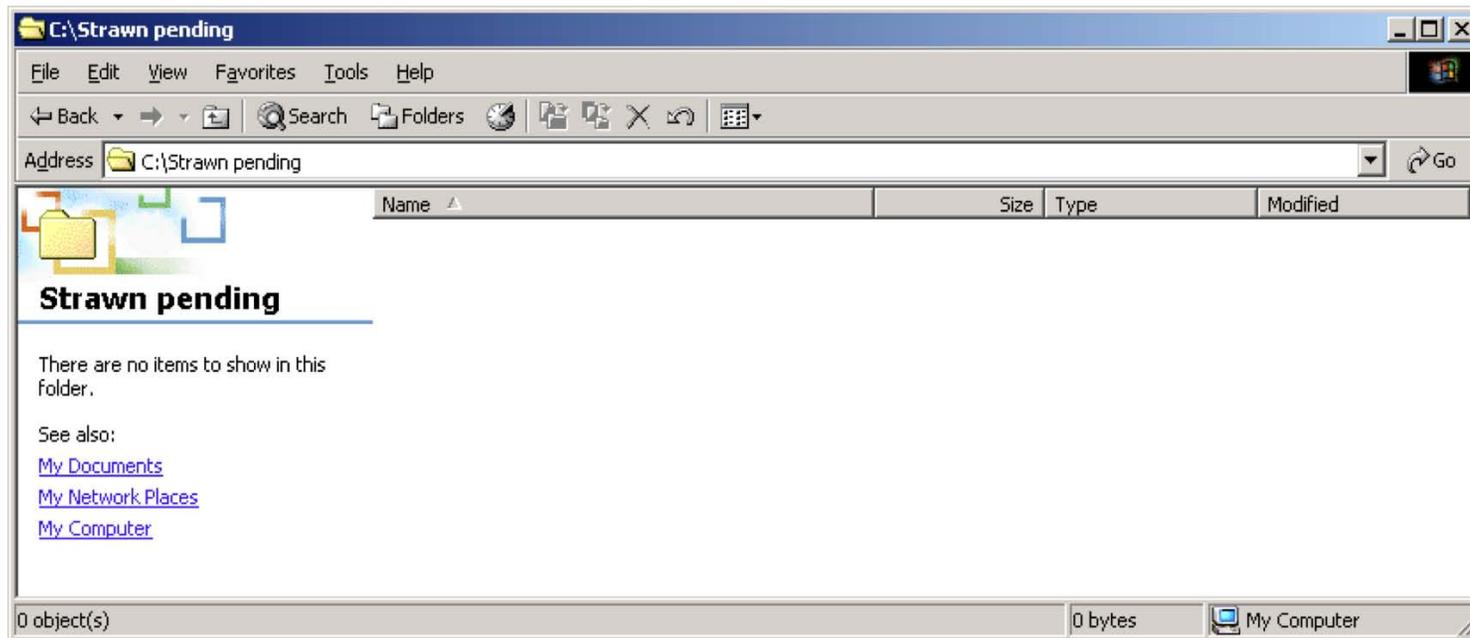
# Approve correction requests using Correction Review (cont.)

A screenshot of a web-based interface for reviewing correction requests. The browser window title is "1 of 2. PENDING. MKS.00100000.113620.11323342.cor". The interface has a menu bar with "Exit", "Begin review", "Notify", "Approve", "Delete", "Make pending again", "Next", "Previous", and "Options". The "Approve" button is highlighted with a red box and a red arrow points to it from the left. Below the menu is a "Headings" section with three tabs: "Headings", "Files, etc. (nothing yet)", and "Multiples (nothing yet)". The "Headings" tab is active. It contains two main sections: "Old heading" and "New heading". The "Old heading" section has fields for "Tag" (450), "Ind" (##), and a text field containing "laDrug dependence". Below these are fields for "Series numbering pattern" and "Indirect subdivision", both empty. A "Subject system" dropdown is set to "a LC subject headings". To the right of the "Subject system" dropdown is a red arrow pointing to it. Further right are checkboxes for "Finding differences" (unchecked) and "Series heading" (unchecked). On the far right of the "Old heading" section are buttons: "Pick up ...", "Add as 4XX", "Add as 688", and "To clipboard". The "New heading" section has fields for "Tag" (150), "Ind" (##), and a text field containing "laDrug addiction". Below these are fields for "Series numbering pattern" and "Indirect subdivision", both empty. A "Geographic subdiv. comes after" field is also empty. The "Subject system" dropdown is set to "\* All subjects". To the right of the dropdown are checkboxes for "Geog. subdiv. can follow" (checked) and "Change subject code" (unchecked). At the bottom of the interface is a "Control information" section with radio buttons for "Normal replacement" (selected), "Zap a subdivision", and "Zap whole field". There is a "Requester" field containing "MKS". To the right of the radio buttons are several checkboxes: "Change only whole geog. subdiv." (checked), "Change if NOT whole geog. subdiv." (unchecked), "Romanization change (series title)" (unchecked), "Change only subjects" (checked), "Change only non-subjects" (unchecked), "Change only 651, not \$a of X10/X11" (unchecked), "Move following \$p or \$n to \$v" (unchecked), and "Preserve \$v/\$x coding during change" (unchecked).

# Approve correction requests using Correction Review (cont.)

A screenshot of a web-based software interface for reviewing correction requests. The window title is "2 of 2. PENDING. MKS.20120000.113801.11424357.cor". The menu bar includes "Exit", "Begin review", "Notify", "Approve", "Delete", "Make pending again", "Next", "Previous", and "Options". The "Approve" button is highlighted with a red box and a red arrow pointing to it from the left. The interface is divided into three main sections: "Headings", "Files, etc. (nothing yet)", and "Multiples (nothing yet)". The "Headings" section is further divided into "Old heading" and "New heading".  
**Old heading:** Tag: 450, Ind: ##, Subject: laNarcotic habit. Series numbering pattern: la Narcotic habit. Indirect subdivision: (empty). Subject system: a LC subject headings. Options:  Ignore \$v/\$x coding differences,  Series heading. Buttons: Pick up..., Add as 4XX, Add as 688, To clipboard.  
**New heading:** Tag: 150, Ind: ##, Subject: laDrug addiction. Series numbering pattern: la Drug addiction. Indirect subdivision: (empty). Geographic subdiv. comes after: (empty). Subject system: \* All subjects. Options:  Geog. subdiv. can follow,  Change subject code. Buttons: Pick up..., New authority.  
**Control information:** Radio buttons:  Normal replacement,  Zap a subdivision,  Zap whole field. Requester: MKS. Checkboxes:  Change only whole geog. subdiv.,  Change if NOT whole geog. subdiv.,  Romanization change (series title),  Change only subjects,  Change only non-subjects,  Change only 651, not \$a of X10/X11,  Move following \$p or \$n to \$v,  Preserve \$v/\$x coding during change.

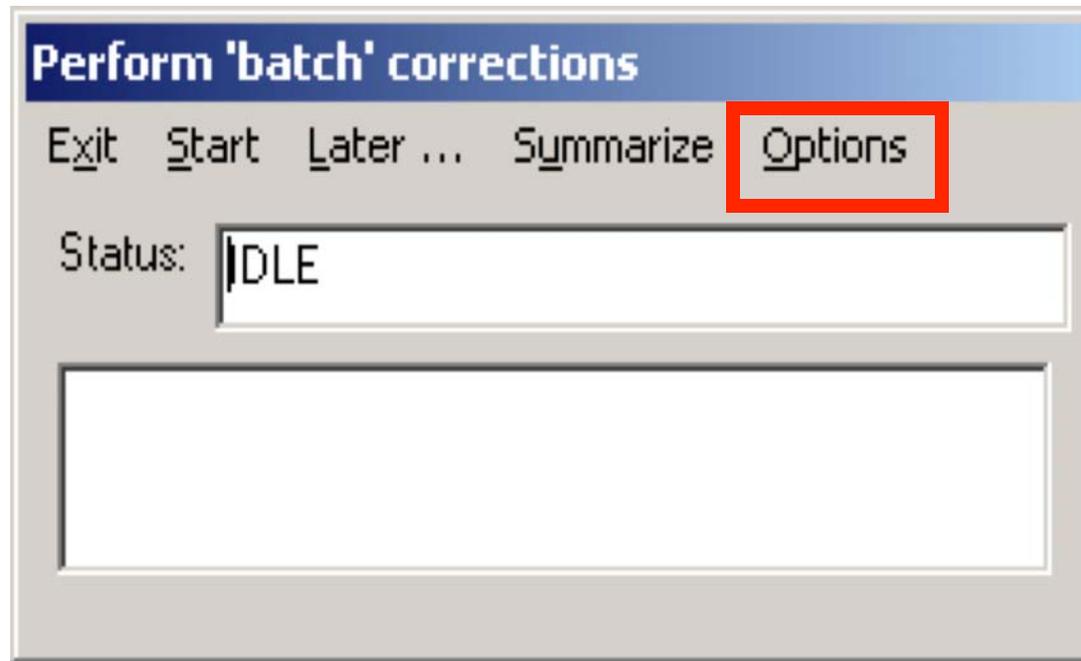
FYI



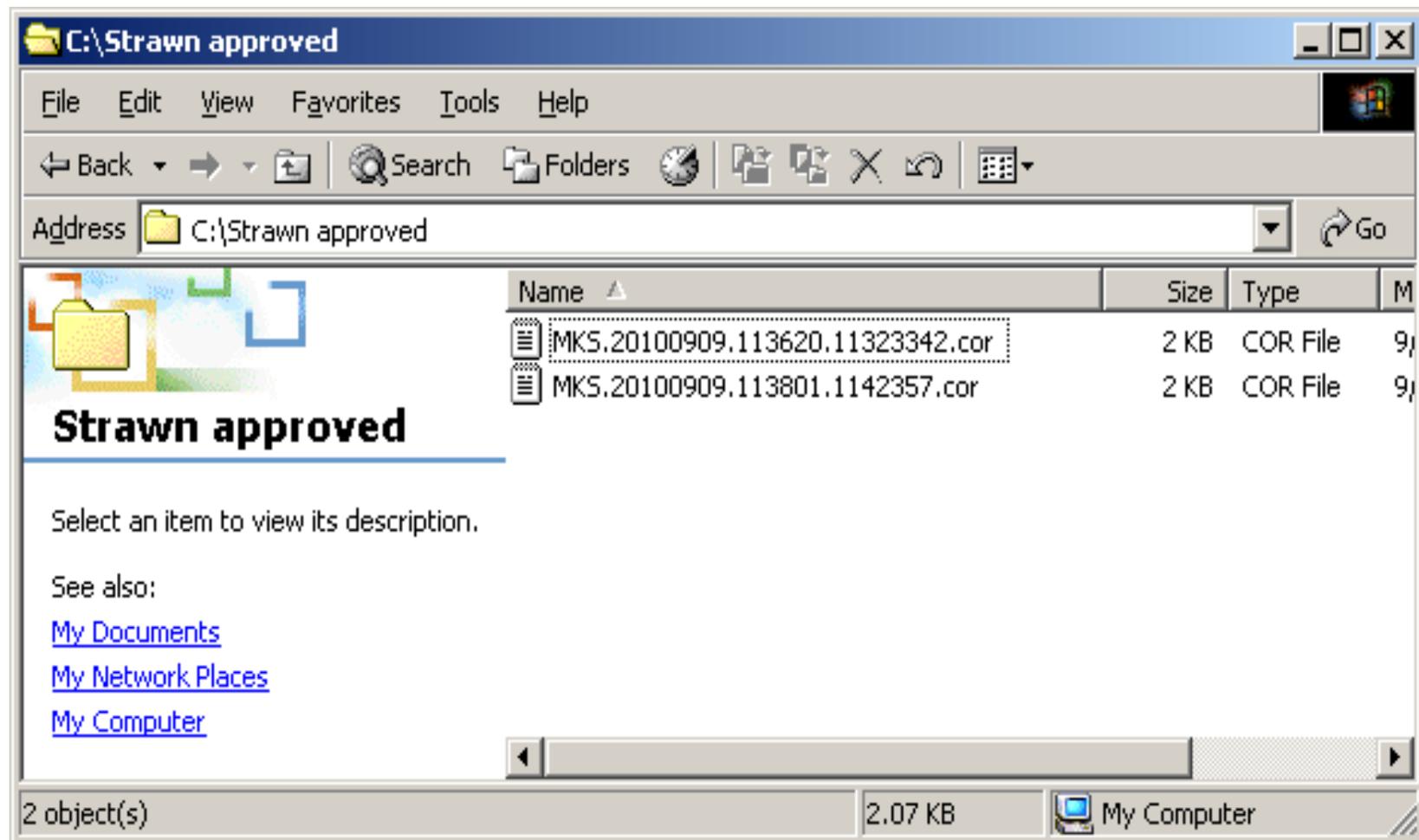
## Questions?

- Any questions on the general procedure to review and approve correction requests via Correction Review?

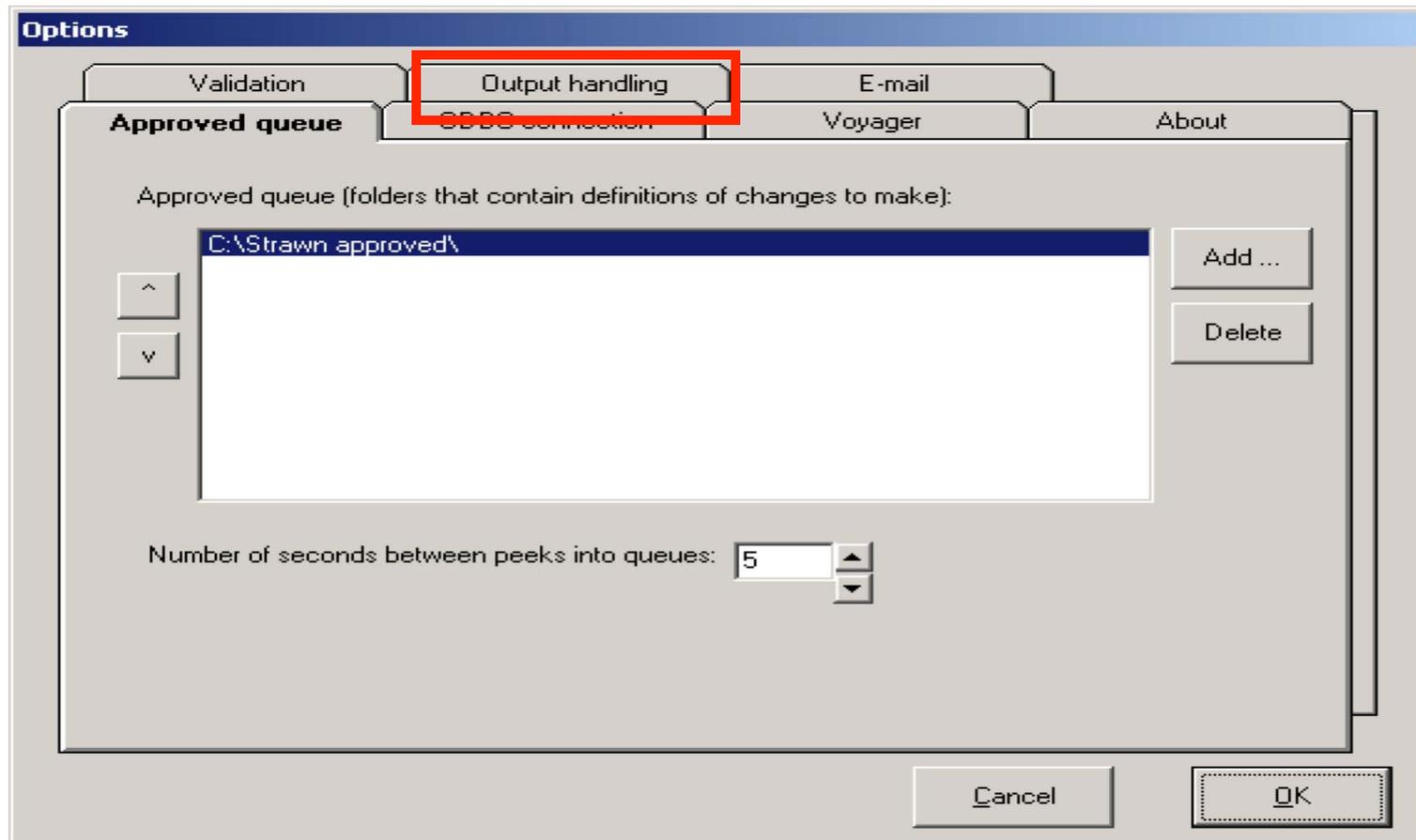
# Process correction requests using Correction Receiver



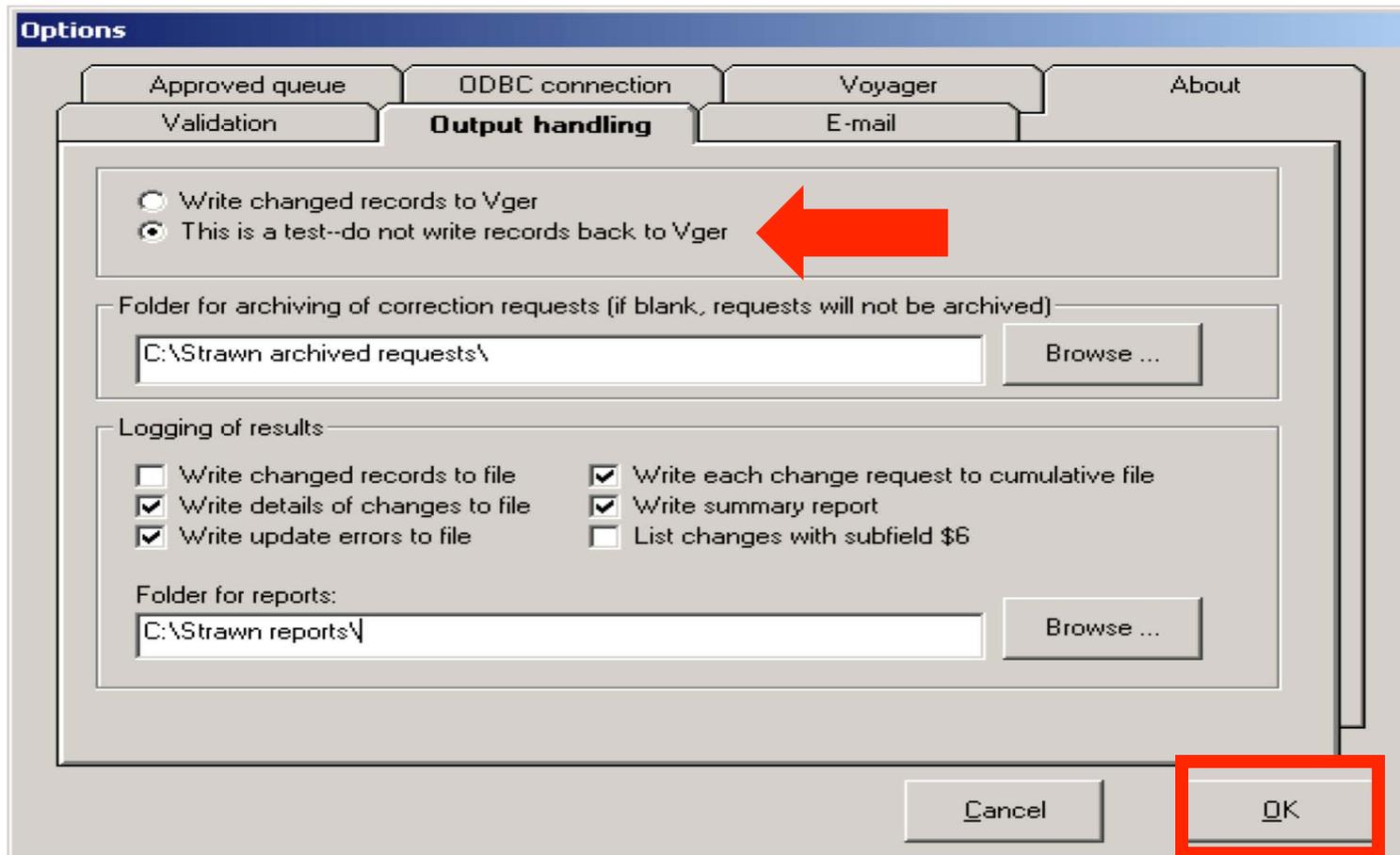
FYI



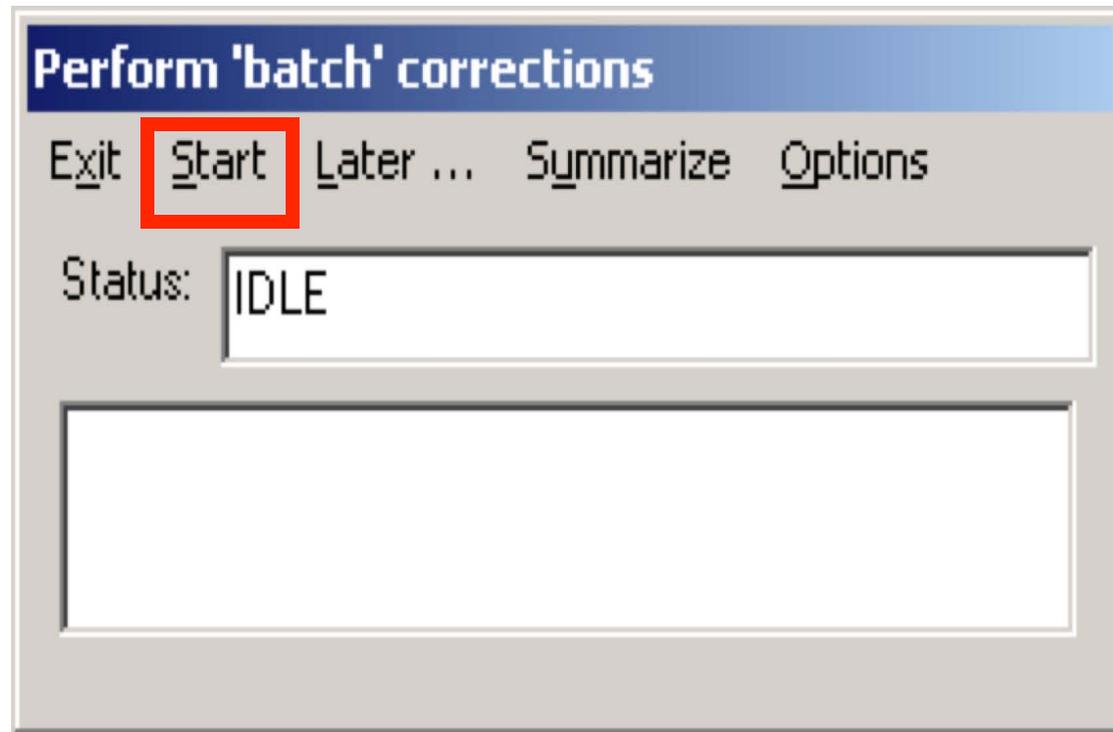
# Process correction requests using Correction Receiver (cont.)



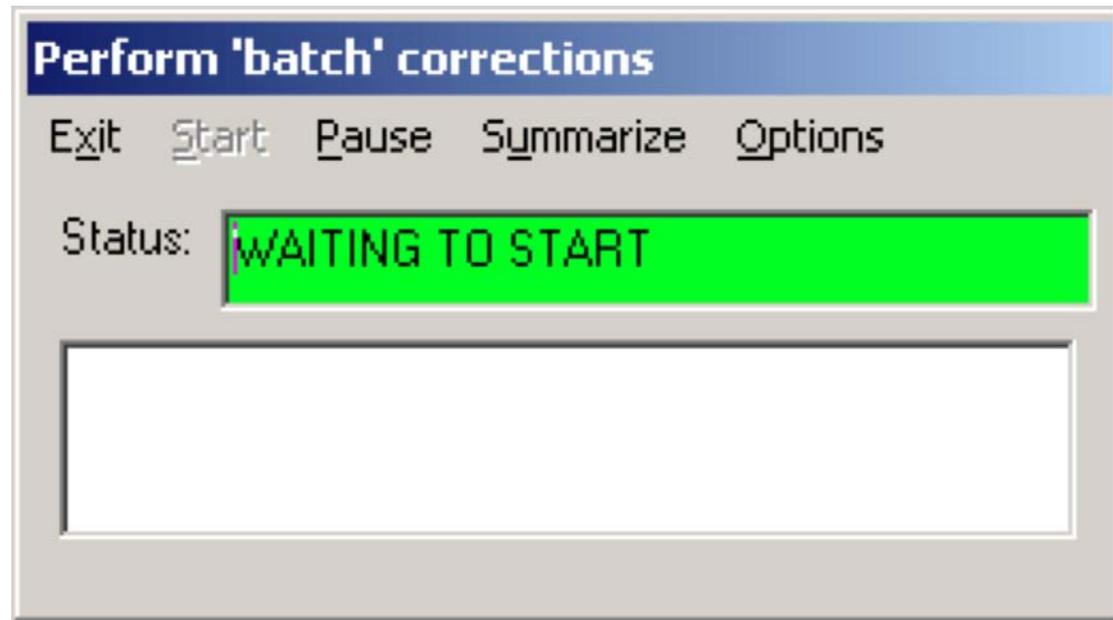
# Process correction requests using Correction Receiver (cont.)



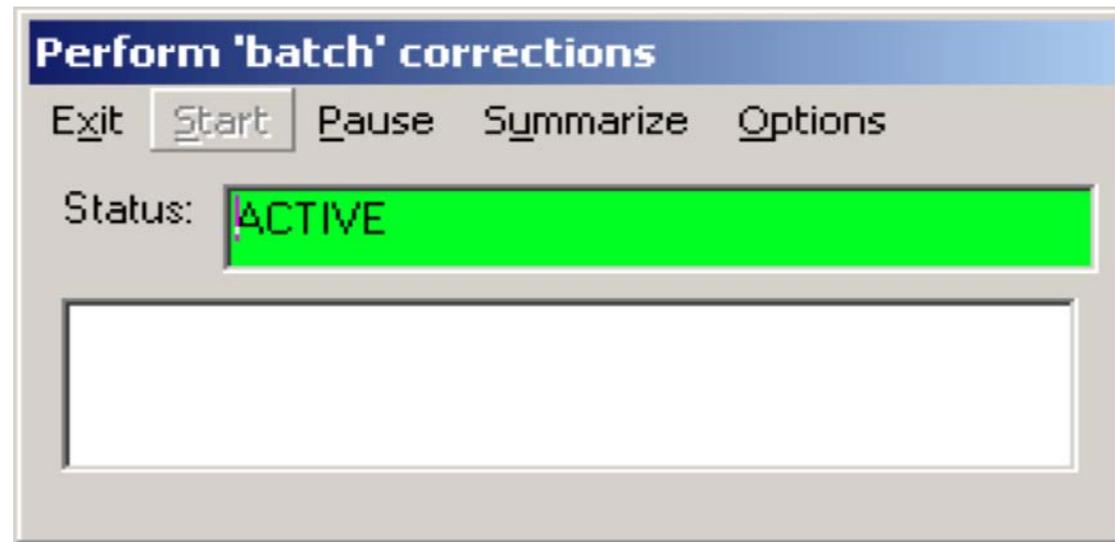
# Process correction requests using Correction Receiver (cont.)



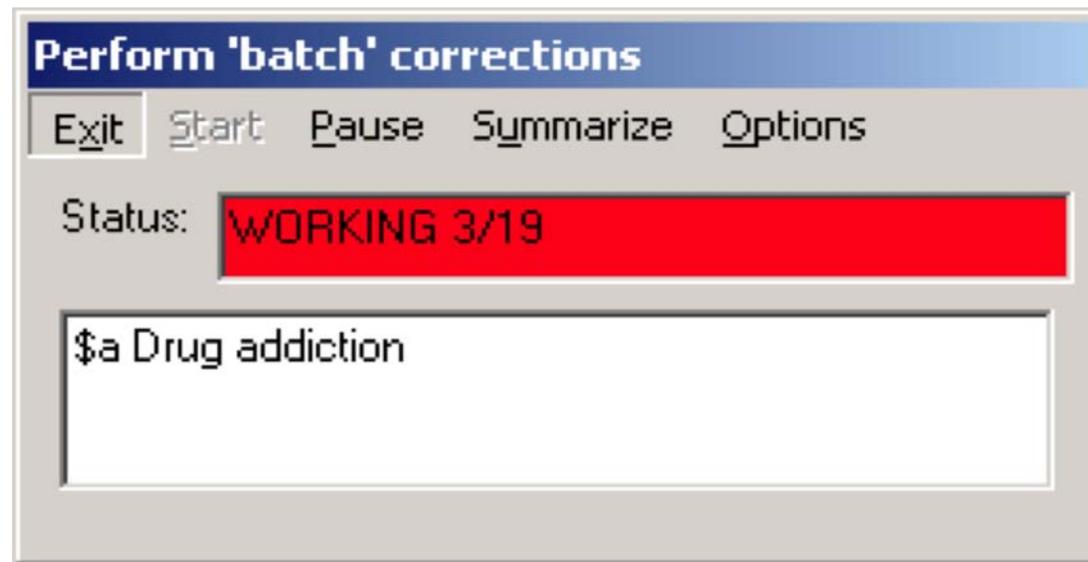
# Process correction requests using Correction Receiver (cont.)



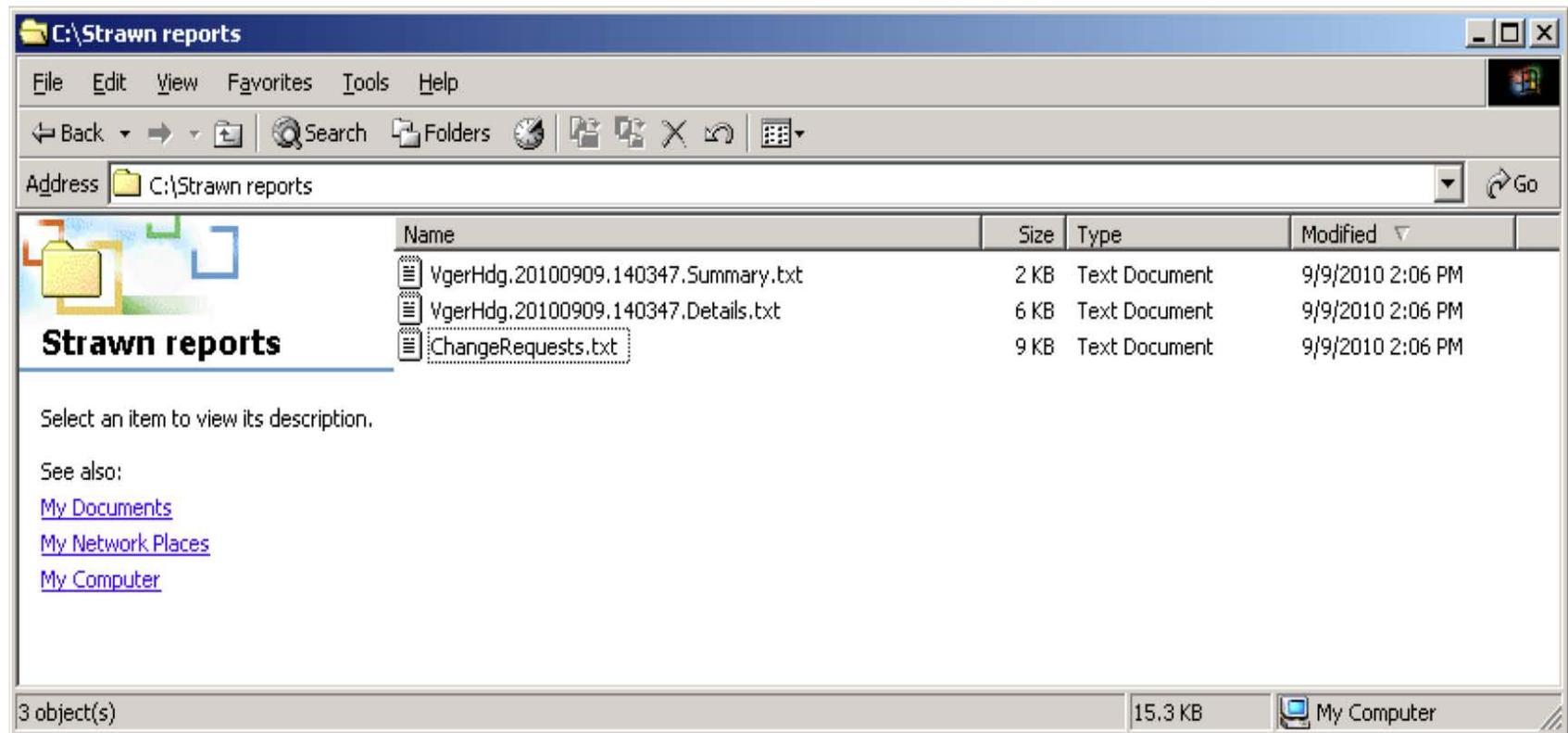
# Process correction requests using Correction Receiver (cont.)



# Process correction requests using Correction Receiver (cont.)



# Process correction requests using Correction Receiver (cont.)



# Process correction requests using Correction Receiver (cont.)



```
VgerHdg.20100909.140347.Details.txt - Notepad
File Edit Format Help
Voyager 46453 at: 20100909 14:05:46 returned: 1
  To change 450: : |aDrug dependence
    To 150: : |aDrug addiction

Voyager 12120 at: 20100909 14:05:46 returned: 1
  To change 450: : |aDrug dependence

Voyager 26517 at: 20100909 14:05:51 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

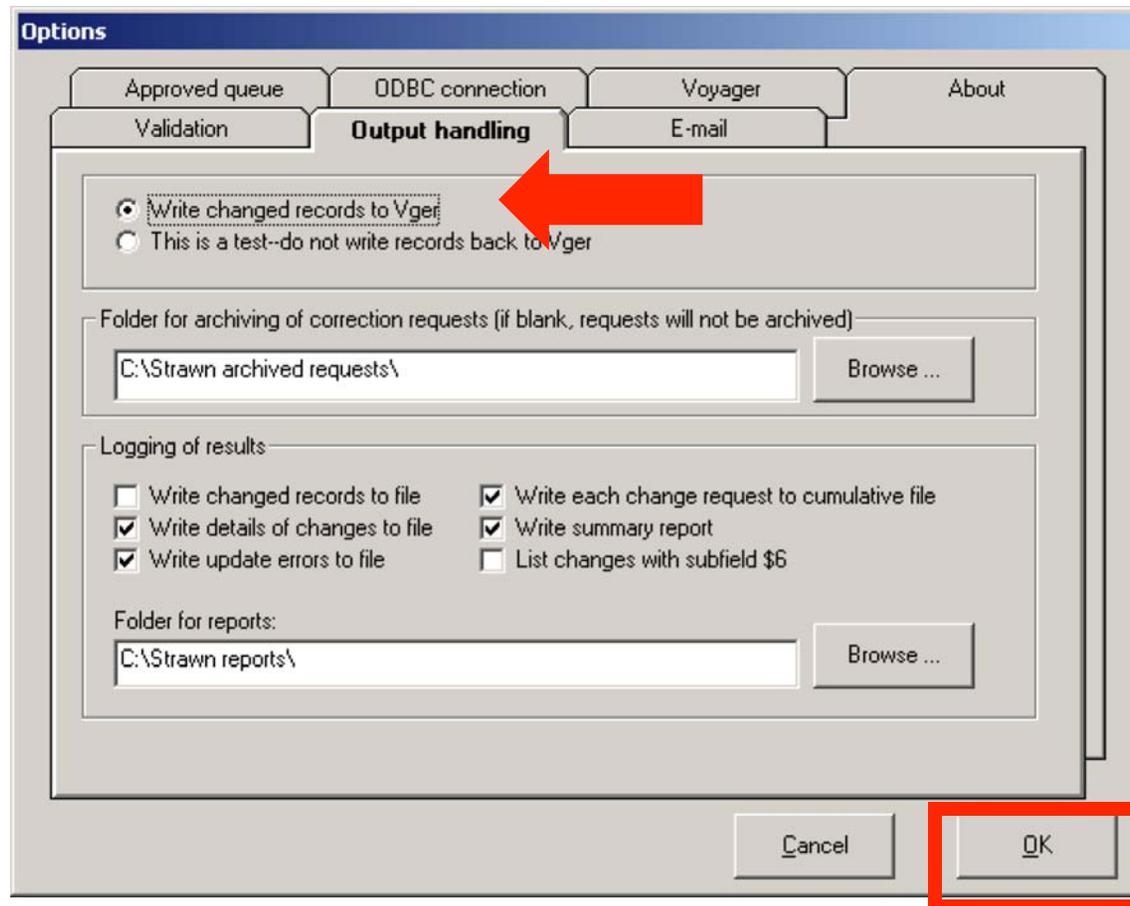
Voyager 52714 at: 20100909 14:05:51 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 55273 at: 20100909 14:05:52 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

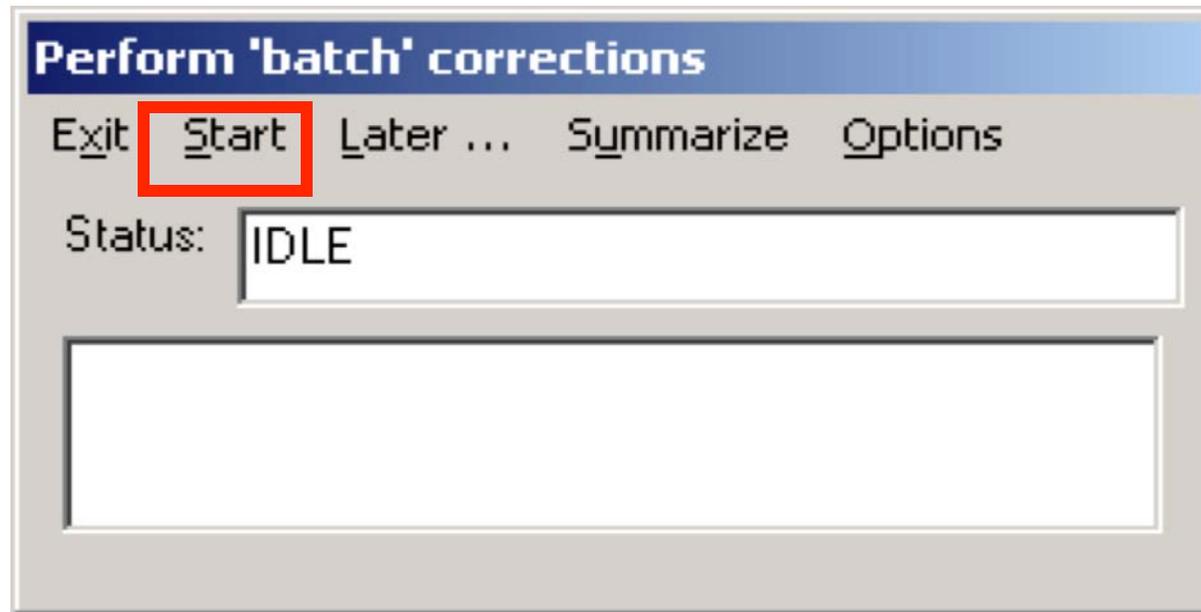
Voyager 58098 at: 20100909 14:05:52 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 8653 at: 20100909 14:05:52 returned: 0
  To change 450: : |aNarcotic habit
```

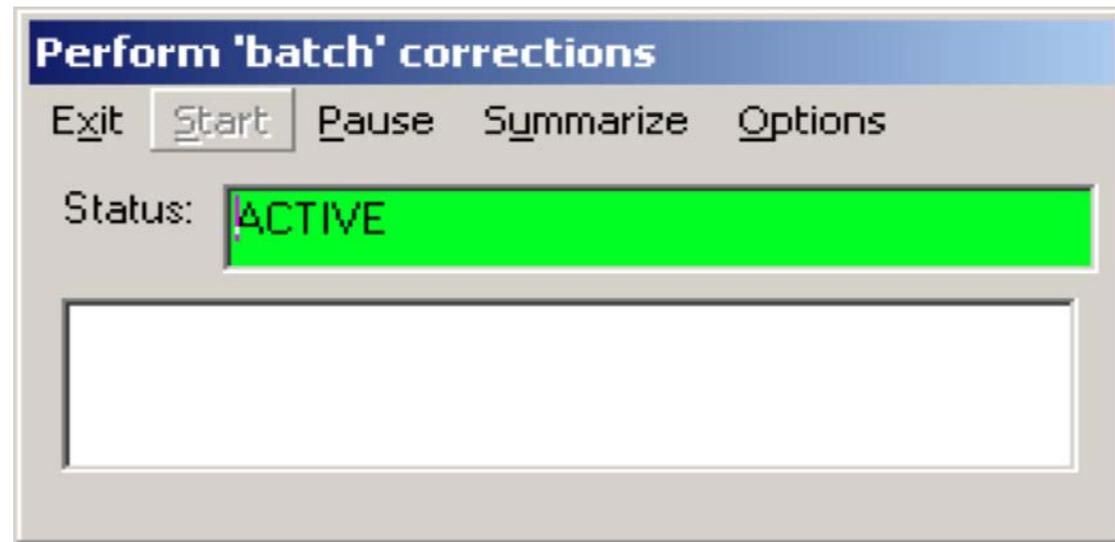
# Process correction requests using Correction Receiver (cont.)



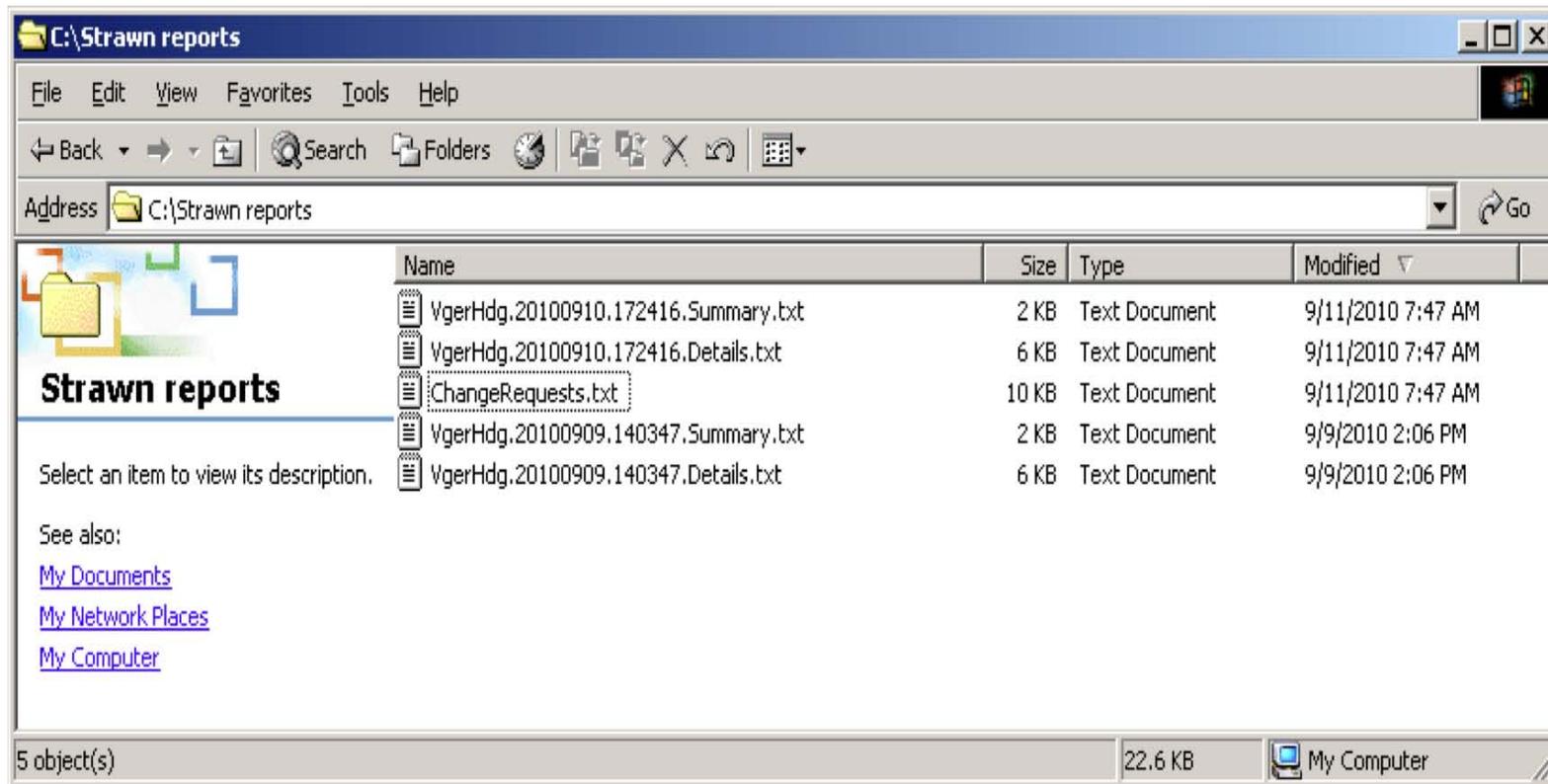
# Process correction requests using Correction Receiver (cont.)



# Process correction requests using Correction Receiver (cont.)



# Process correction requests using Correction Receiver (cont.)



# Process correction requests using Correction Receiver (cont.)



```
VgerHdg.20100910.172416.Details.txt - Notepad
File Edit Format Help
Voyager 46453 at: 20100910 22:00:13 returned: 1
  To change 450: : |aDrug dependence
    To 150: : |aDrug addiction

Voyager 12120 at: 20100910 22:00:14 returned: 1
  To change 450: : |aDrug dependence
    To 150: : |aDrug addiction

Voyager 26517 at: 20100910 22:00:20 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 50714 at: 20100910 22:00:23 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 55273 at: 20100910 22:00:24 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 58098 at: 20100910 22:00:25 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 8653 at: 20100910 22:00:27 returned: 0
  To change 450: : |aNarcotic habit
```

FYI



**Headings List**

Font:

	Bibs	Staff Subject Headings Search Heading	Heading Type
Reference	0	Narcotic habit	LC subject headings
Reference	0	Narcotic habit in literature	LC subject headings

2 Headings Found      Search: Staff Subject Headings Search=narcotic habit

## Questions?

- Any questions on the example scenario?



## Using the Correction Receiver output reports

- Users of Correction Receiver can configure multiple output reports in Options/Output handling tab.
- CARLI recommends that users set their Options to include at least:
  - “Write details of changes to file”
  - “Write update errors to file”
  - “Write each change request to cumulative file”
  - “Write summary report”

## Using the Correction Receiver output reports (cont.)

- The Detailed report (VgerHdg.YYYYMMDD.HHMMSS.Details.txt) is critical to analyzing the results from a test run of the program.
  - Shows the Voyager bib ID of every record that contains the targeted text string, a “return” code that indicates if the bib was edited (“returned: 0”) or not (“returned: 1”), the old form of heading, and the new form of heading.
  - Enabled in Options/Output handling/”Write details of changes to file”

# Using the Correction Receiver output reports (cont.)



```
VgerHdg.20100910.172416.Details.txt - Notepad
Voyager 46453 at: 20100910 22:00:13 returned: 1
  To change 450: : |aDrug dependence
    To 150: : |aDrug addiction

Voyager 12120 at: 20100910 22:00:14 returned: 1
  To change 450: : |aDrug dependence
    To 150: : |aDrug addiction

-----
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction

  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 50714 at: 20100910 22:00:23 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction

-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 55273 at: 20100910 22:00:24 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction

-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 58098 at: 20100910 22:00:25 returned: 0
  To change 450: : |aNarcotic habit
    To 150: : |aDrug addiction

-----
  Changed 650: 0: |aNarcotic habit
    To 650: 0: |aDrug addiction.

Voyager 8653 at: 20100910 22:00:27 returned: 0
  To change 450: : |aNarcotic habit
```

## Using the Correction Receiver output reports (cont.)

- If the review of the test run's detailed report identifies any headings changes that should be cancelled, you can delete the ".cor" file (i.e., the batch correction request file) from the folder where approved correction requests are stored, prior to performing the production run.

# Using the Correction Receiver output reports (cont.)



```
VgerHdg.20100910.172416.Details.txt - Notepad
File Edit Format Help
Voyager 53459 at: 20100910 22:00:36 returned: 0
  To change 450:  : |aNarcotic habit
  To 150:  : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit|xBibliography.
  To 650: 0: |aDrug addiction|xBibliography.
Voyager 76146 at: 20100910 22:00:37 returned: 0
  To change 450:  : |aNarcotic habit
  To 150:  : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit|zCalifornia|zBerkeley.
Voyager 68214 at: 20100910 22:00:38 returned: 0
  To change 450:  : |aNarcotic habit
  To 150:  : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit|zGreat Britain.
  To 650: 0: |aDrug addiction|zGreat Britain.
  Changed 650: 0: |aNarcotic habit|zUnited States.
  To 650: 0: |aDrug addiction|zUnited States.
-----
  To change 450:  : |aNarcotic habit
  To 150:  : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit|xPhysiological aspects
  To 650: 0: |aDrug addiction|xPhysiological aspects
Voyager 153686 at: 20100910 22:00:41 returned: 0
  To change 450:  : |aNarcotic habit
  To 150:  : |aDrug addiction
-----
  Changed 650: 0: |aNarcotic habit|xTreatment|vHandbooks,
  To 650: 0: |aDrug addiction|xTreatment|vHandbooks,
```

## Using the Correction Receiver output reports (cont.)

- If, after a production run, you realize a mistake has been made, the Detailed report will identify exactly which bib records were edited for any particular change.
  - You can use this report to find and manually fix the appropriate bib records.
  - Hopefully, problems will be few if you review the Detailed report after every test run and before every production run.

## Using the Correction Receiver output reports (cont.)

- The Summary report (VgerHdg.YYYYMMDD.HHMMSS.Summary.txt) provides statistics from a run of the program.
  - For each correction request processed, it shows the number of records inspected, the number of records edited, and the number of individual fields edited.
  - At the end of the report is the same summary for the job as a whole.
  - Enabled in Options/Output handling/"Write summary report"

# Using the Correction Receiver output reports (cont.)



```
VgerHdg.20100910.172416.Summary.txt - Notepad
File Edit Format Help
*****
*
* Heading corrections receiver
* Summary of activity
* Began: 20100910 17:24:16
* Ended: 20100910 22:00:14
* Seconds at work: 1.803
*
*****
      1 correction requests received
      1 correction requests accepted
      2 records inspected
      0 records changed
      0 fields changed
*****
*
* Heading corrections receiver
* Summary of activity
* Began: 20100910 17:24:16
* Ended: 20100910 22:00:46
* Seconds at work: 29.133
*
*****
      2 correction requests received
      2 correction requests accepted
      21 records inspected
      19 records changed
      20 fields changed
*****
*
```

## Using the Correction Receiver output reports (cont.)

- An optional report is called ChangeRequests.txt
- This report will summarize all headings processed since the report was enabled in Options/Output handling/"Write each change request to cumulative file"
- Will include both test and production runs
- May be useful as a reminder about what headings were processed on which dates

# Using the Correction Receiver output reports (cont.)



```
ChangeRequests.txt - Notepad
File Edit Format Help

Request begins 20090316 22:00:26 RULES c SER n OLD S/SYS a r
  From: 400:1 :|a Knowles, Asa Smallidge, |d 1909-
  To: 100:1 :|a Knowles, Asa S. |q (Asa Smallidge), |d 1909-

Request begins 20090616 09:14:28 RULES n SER n OLD S/SYS a r
  From: 450: :|a Black Americans
  To: 150: :|a African Americans

Request begins 20100810 10:27:48 RULES c SER a OLD S/SYS a r

Request begins 20100909 14:05:45 RULES n SER n OLD S/SYS a r
  From: 450: :|a Drug dependence
  To: 150: :|a Drug addiction

Request begins 20100909 14:05:51 RULES n SER n OLD S/SYS a r
  From: 450: :|a Narcotic habit
  To: 150: :|a Drug addiction

Request begins 20100910 22:00:08 RULES n SER n OLD S/SYS a r
  From: 450: :|a Drug dependence
  To: 150: :|a Drug addiction

Request begins 20100910 22:00:19 RULES n SER n OLD S/SYS a r
  From: 450: :|a Narcotic habit
  To: 150: :|a Drug addiction
```

## Questions?

- Any questions about the output reports?

## Special information about using the Strawn utilities in the I-Share environment



- The Reports server is the source of database “reads” by all of the Strawn programs; “writes” are to the production database.
  - NOT a “read” from the live production database.
  - Reports server updated at least every 15 minutes.
  - Impact of this has been lessened by implementation of the new Reports server in March 2010, but still affects workflows of most Strawn utilities.
  - See our “Getting Started...” doc for more details  
<http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute/strawn/StartStrawn.pdf>

## Special information about using the Strawn utilities in the I-Share environment (cont.)



- Effect of Reports server non-live “reads” on batch authority control processes:
  - CTKV’s BAM (to generate the correction request) may not reflect changes made to a bib in the live database during the last quarter hour.
  - No effect on Correction Review.

## Special information about using the Strawn utilities in the I-Share environment (cont.)



- Effect of Reports server reads on batch authority control processes:
  - Correction Receiver: if the program tries to edit the same bib for two (or more) different correction requests before the reports server data has been refreshed, the first change won't be retained.
    - Example: bib 1234 contains both obsolete headings "Aged" and "Aged women". My approved folder has COR files for both headings.
    - "Aged" in bib 1234 processed by Correction Receiver at 10:05 pm; OK
    - "Aged women" processed at 10:08 pm; "Aged women" in bib 1234 will be fixed, but the read from Reports server may still show "Aged" in the bib, so that heading will be reset back to "Aged" when "Aged women" is processed, due to the read from non-live database.

# Special information about using the Strawn utilities in the I-Share environment (cont.)



- Options for this scenario?
  - Try not to process similar headings changes in the same day's run of Correction Receiver.
    - Example: process "Aged" on Monday and "Aged women" on Tuesday
  - Process all available correction requests on the same day, but double-check the results in the cat client the next day.
    - Fix any bibs that had multiple similar changes either manually, or by resubmitting the original correction requests a second time.
    - Options/Output handling/ "Folder for archiving of correction requests" contains path to archive folder.

## Special information about using the Strawn utilities in the I-Share environment (cont.)



- A slightly different scenario:
  - Example: the correction request is for “Aged” to “Older people”. Bib 2345 contains headings for both “Aged -- Illinois” and “Aged – Wisconsin”
    - Both of these headings will be corrected properly, because the core change is for “Aged” and there is only one “read” of the bib from the reports server for this correction request.
    - Also, the program does the right thing with regard to subdivisions attached to the core heading change.

## Special information about using the Strawn utilities in the I-Share environment (cont.)



- Correction Receiver contains code that forces production runs to wait until 10 p.m. to begin making any edits to bibs.
  - This code enforces CARLI policy that batch jobs run in non-prime hours, for system performance concerns.
  - Test runs can be done at any time, because they don't actually write anything to the production server.

## Special information about using the Strawn utilities in the I-Share environment (cont.)



- Correction Receiver waits until 10 p.m. to begin making any edits to bibs.
  - Some PCs running Windows XP have problems “waking up” at 10 p.m. to start the program.
  - Workarounds:
    - Shared macro (LaunchCorrRcvr.mex):  
[www.carli.illinois.edu/mem-prod/I-Share/secure/macros/](http://www.carli.illinois.edu/mem-prod/I-Share/secure/macros/)
    - Or, try to use Windows Scheduled Tasks to launch Correction Receiver right before 10 p.m.

## Questions?

- Any questions about the “special” I-Share environment and Strawn utilities?

## Parting comments

- There is a configuration and learning curve involved in starting to use any of the Strawn programs.
- But, many I-Share libraries have done it, and believe the benefits outweigh the “cost” of initial investment.
- We hope you have been inspired today to at least consider trying these programs to help you with your batch authority control work.

## Parting comments (cont.)

- Resources:
  - Mr. Strawn's documentation for each program
  - I-Share specific documentation:
    - "Installing and Configuring Gary Strawn's Software in I-Share Libraries"
    - "Getting Started Using Gary Strawn's Software in I-Share Libraries"
  - All of the above available from:
    - <http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute.html>
  - [support@carli.illinois.edu](mailto:support@carli.illinois.edu)

## THANK YOU!

- Thank you for your time today!
- Please complete the online evaluation form:

[https://www.surveymonkey.com/s/ICAT\\_fall2010webinar1](https://www.surveymonkey.com/s/ICAT_fall2010webinar1)