Scribe3 Release Notes - **v1.62**

Metadata

Owner	Davide	Release	1.62
Last updated	Dec 11 2018	**Applicable builds**	`v1.62-initial-111-g5d7c2b1`
Release status	Production		`v1.62-initial-110-ge1eeda5` `v1.62-initial-109-gd42aa22` `v1.62-initial-96-g4c31022` `v1.62-initial-87-g49d600c` `v1.62-initial-82-g9125cf7` `1.62-final-1-g921a33f` `1.62-final-2-g3110b6e`

tl;dr

- New User Interface to interact with books. You way wanna check out the screenshots so you know what you're walking into. It lets you learn more about what's going on with your book and see information at a glance. The general idea is to try and let you **know more about what's going on**.
- The app will let you know if you try to create a book without enough metadata. Useful to catch errors in case something goes wrong with loading.
- Faster worker should make for snappier experience

Related documents:

- 1.62 Release testing spreadsheet
  https://docs.google.com/spreadsheets/d/13n04x7GyUqYa5_pYrI6YX9XwzA76ssU917_mq_RR1jg/edit#gid=0
- Scribe3 Testing process spec
  https://docs.google.com/document/d/1oBlXzKSwIHfw0GM9RSqBeS1FI1G4KtTQF1ft70Bf6f0/edit#
- Survey
  https://docs.google.com/document/d/1M8mbyvXcTVbj93M8AHHP6hG6mbfYrVoEi1U0no6LYnM/edit#
- Testing sheet:
  https://docs.google.com/document/d/1M8mbyvXcTVbj93M8AHHP6hG6mbfYrVoEi1U0no6LYnM/edit?usp=sharing

Table of contents

Main changes

- Better **UTF-8 handling in metadata** fields (enforce and automatically convert to ascii unicode md keys in compliance with IA md policy).
- Introducing a **new window component** to interact with books from the library list: see cover, key metadata and status at a glance, while maintaining the same buttons and workflows. The rollout will be partial so for this release, we'll have some of the old interaction windows live next to this new one, which is available for statuses: `Scribing`, `Upload Queued`, `Packaging Failed`, all non-error corrections/foldouts states and `Done`
  - One of the main features of this window is **help messages**, which are meant to help you, the user, better understand what the status of a book is. They can be comments about the status of a book, or the reason for a failure.
- **Log view**: for lovers only, click on `Show log` in the interaction window to reveal the output from the last time the worker did something to the book. Useful to understand what's going on when things go very wrong.
- If you're trying to create a book with no **useful metadata**, the app will try and let you know.

- Moar **metrics**: we now track camera performance in real time, acceptance yield for supercenters, and more error conditions. You will not see any of this quite yet, but we laid the foundations for having better stats.
- The usual **fixes** here and there (more resilience in failure-prone web requests, issues removing books from lists in corrections, better boxid validation, more icons where possible).
- The worker sleeping time has been decreased from 60 seconds to 10. This will make the app snappier.

Features walkthrough

Book info panel

When clicking on a book in the library to, for example, open it, we're usually offered some variation (depending on the book status) of this rather scant window:
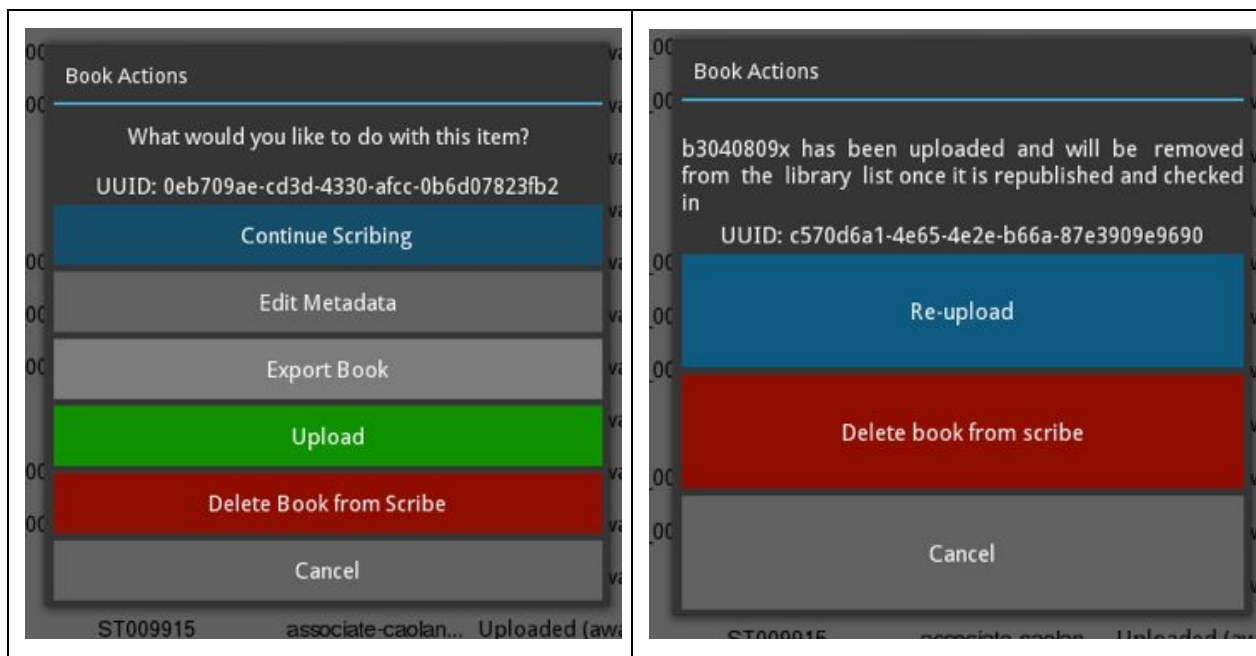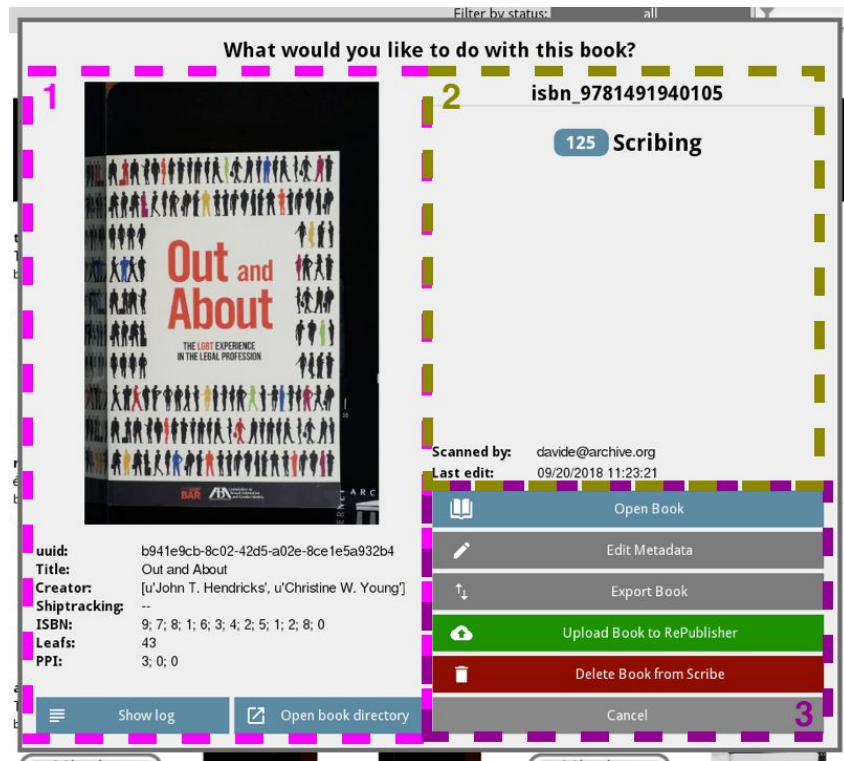

There's a couple problems with this: the layout is inconsistent, the action areas change and it doesn't really let you know anything useful either about the book itself, or what is going on with it. To address these issues, this release introduces a new component called the **book info panel**. It is not yet available in all statuses, but if you go ahead and create a book, and click on it from the library list, you'll see something like this:
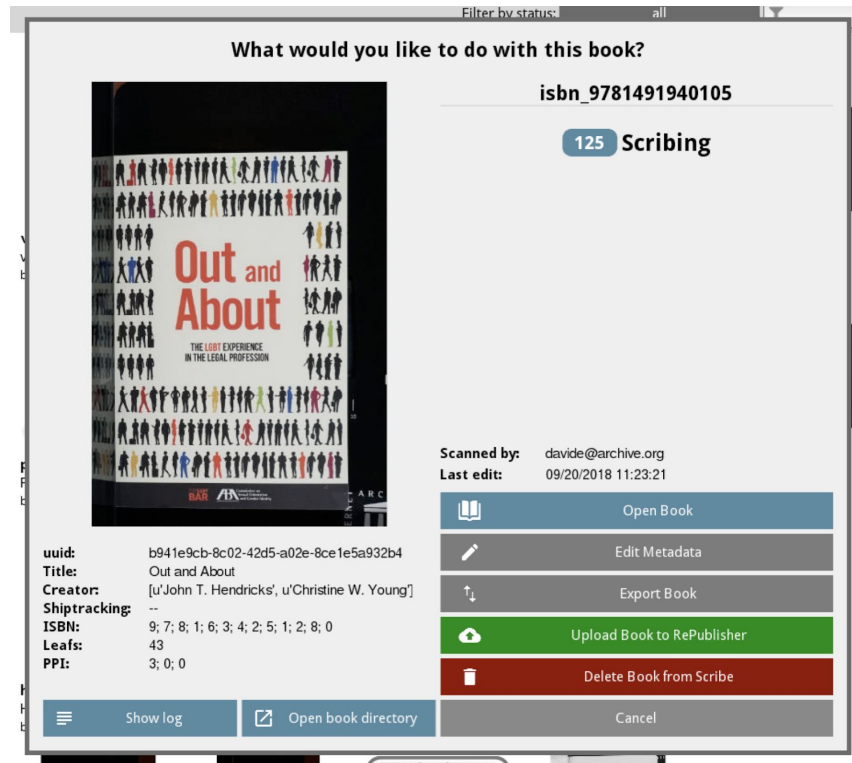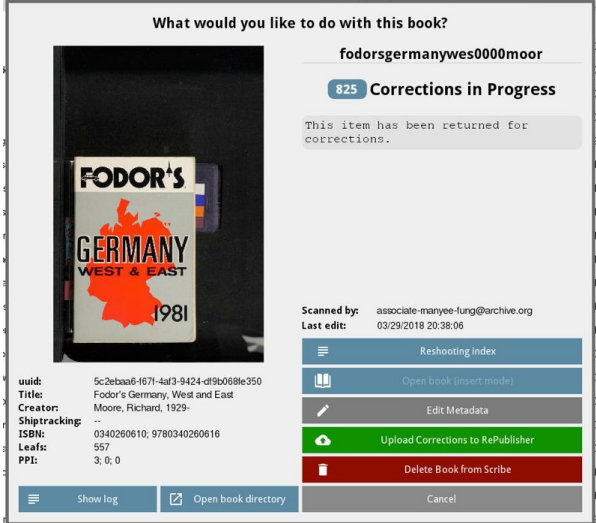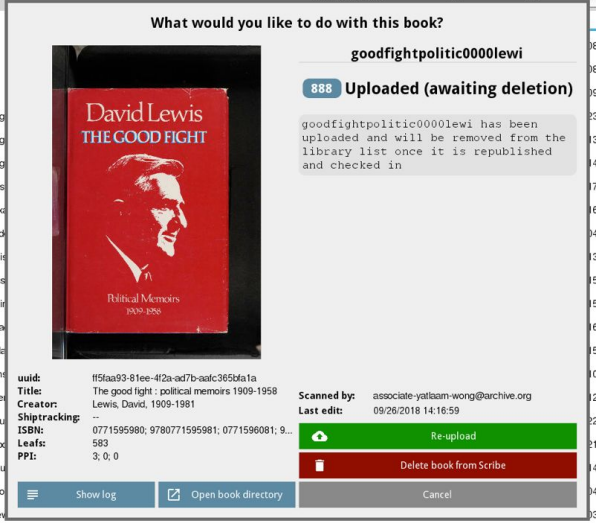
Overview

1. **Book data**: here you can see the book's cover, the same metadata you'd see in the library list (title, creator, shiptracking, etc), as well as two action buttons to access more book data.
2. **Book status information**: Here you can see the book's IA identifier (or uuid if not yet assigned), the status in which the book is complete with its numerical value (report this in case of issue)
3. **Actions**:The familiar options to open, upload, delete, etc.

Now with icons!	

Examples

Example of a book with corrections in progress.	Example uploaded book (notice the different action buttons)

Message area

Under the status label, you may or may not see a contextual message like:

This area is meant to provide you help and context for what's going on. Most of the times the messages will be kind of boring, but if you do run into an error state (for instance "item already has data", or a packaging error) the message should let you know what went wrong. It may not make a ton of sense, but if you screenshot this, it'll help the support team identify the issue faster. For example, you may see:

Please note that the error field shows you the last error message recorded. If there was an error uploading, you'll still be able to see it after the book changes status.	An example of an error originating from inside the packaging-upload phase and trickling up to the UI.

Every time you start the app, the error messages are created afresh. So you may have a book in an error state but with no message yet if the worker hasn't gotten to it yet, or if it requires manual intervention.

The error message feature does not work with parallel uploads yet. If you have parallel uploads turned ON, your books will upload just fine, but in case of error you will need to resort to the good old log to figure out what's going on.

Show log

This feature requires some familiarity with how scribe3 works, but is harmless to use. Just click on the "Show log" button to reveal a drop down text box with the log from the last time the worker updated the book. This is the same log you'd see if you launched Scribe3 from the terminal. It can be useful to get a general idea of the worker is doing behind the scenes.
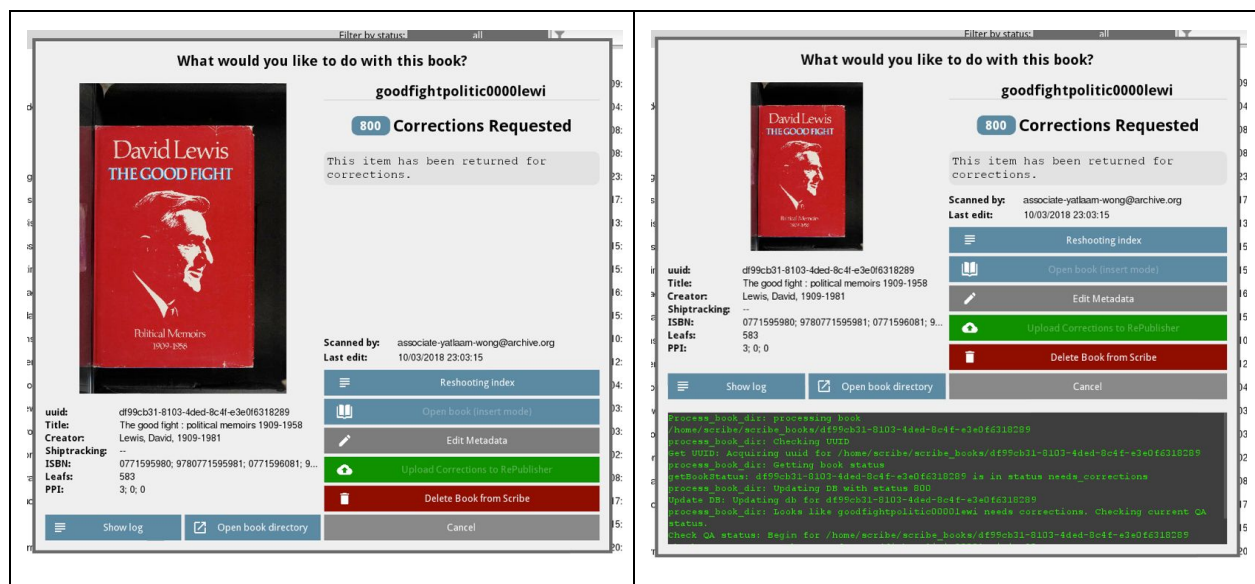
In the example above, we see a book in status "Corrections requested".

Open book directory

Click on to open the book folder in the Ubuntu file navigator.

Legacy popups

For most states that carry out their interaction through a pop-up (decision point states like trying after corrections/foldouts upload failure, moving a book from`"Identifier reserved" back to "Scribing", as well as the foldouts interaction panel - the new popup is not yet available. It will become available in 1.63 as we continue streamlining this part of Scribe3.

This has not changed
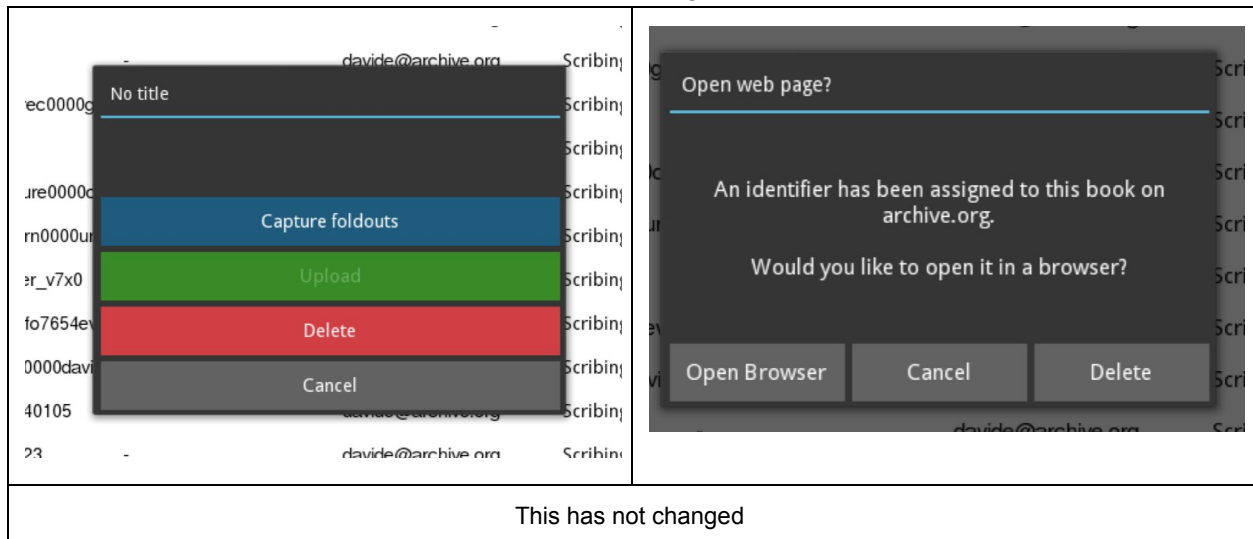
However, the error state-related popups will display a cause of failure to try and help you and the support team, debug issues.	
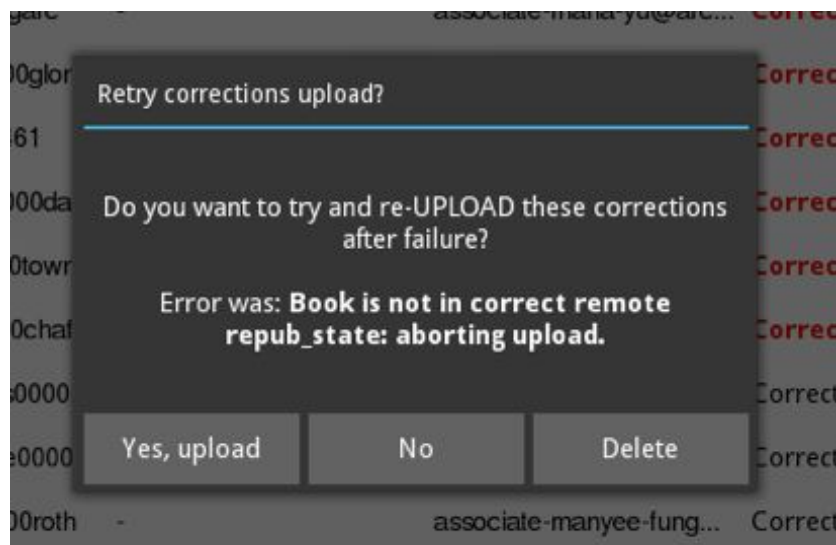
Expired cookie banner

One annoyingly common issue is when the cookie expires and all the uploads start failing for no apparent reason (especially when you had to turn to the log to see what the root cause was!). The reason behind this situation is that when you run the wizard, we ask archive.org to give us a token to make all subsequent requests with (the 'cookie'). This token is valid for a year. In order to get another one, you need to type in the machine account's password. We don't store this information for security reasons, and at some point we'll stop using machine accounts. Until then, we need a way to know when the cookie is no longer valid.

You can now self-check if your cookie is valid, by navigating to Settings -> Options. The banner will appear if your cookie is expired. If so, follow the instructions to re-log in by re-running the wizard.
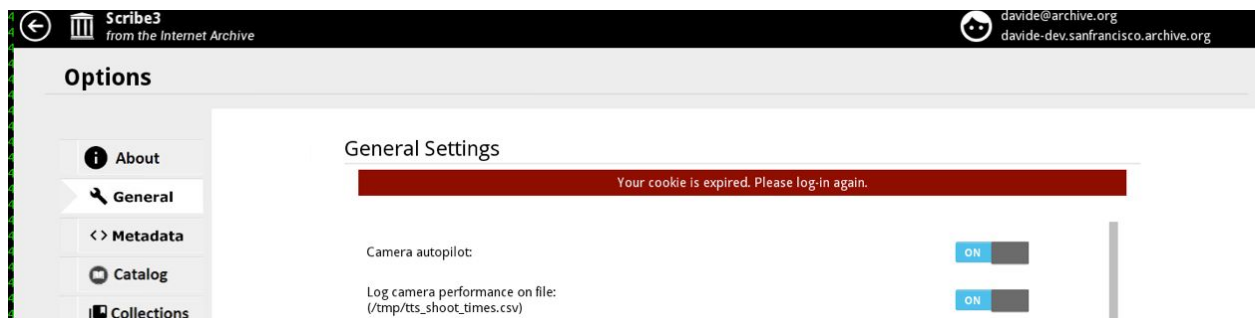
Modern books validation

Getting right the BoxID is an important task. To improve your experience if you are using this workflow, the input areas are large enough to always be able to see your input.

Scribe3 also performs stricter validation, ensuring that no illegal boxid can get past it (in particular it'll alert you if the string is too long).

Scribe3 also validates Old pallet, but only this value being incorrect will not trigger a validation error. That is, you are allowed to save illegal values, whereas with boxid you are not.

Insufficient metadata alert

We have come across various instances where for myriad reasons metadata wouldn't load quite right, and the user would realize only after the book has uploaded. To mitigate this problem, if you try to save metadata for a book that is not quite enough for us to be sure we can do something with it, it'll drop an alert like this. It won't stop you, but it'll alert you.

What is meant by "not quite enough" is, more precisely, this: a books' metadata should contain **at least** one of these combinations of fields:

- Isbn
- Title and creator
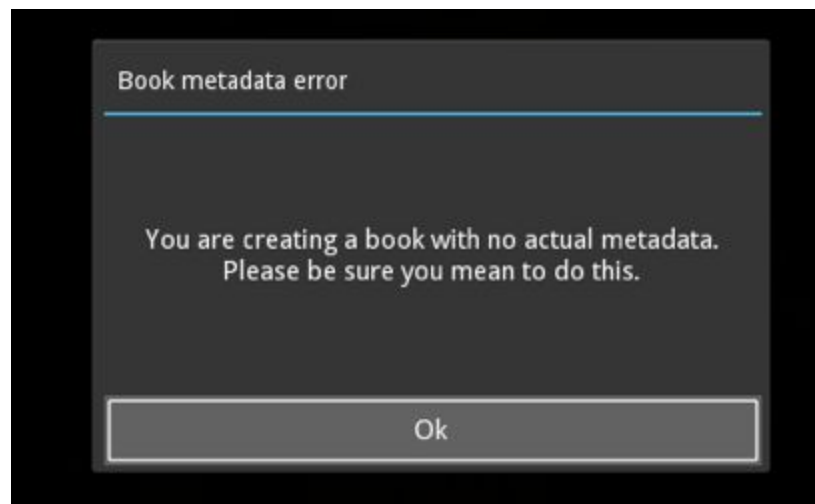
Hopefully this feature will help you catch errors early. You're gonna see this window every time you try and save insufficient metadata (for instance if you do it by clicking "edit metadata" from the book info panel), but most likely it'll be after you click "Save & Done" and move to scan a book. If this appears, you can go back to the metadata screen as usual by clicking:

NULL, NULL (eng) ✏

Edit book metadata 🔍 ↻
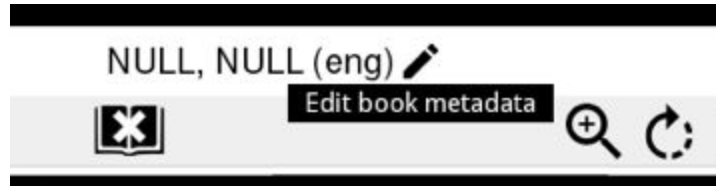
Status bar improvements

The status bar was improved to display more informative messages from the worker:

63 books | **Worker status:** CreateJP2: EXIF tags ported: 15/16
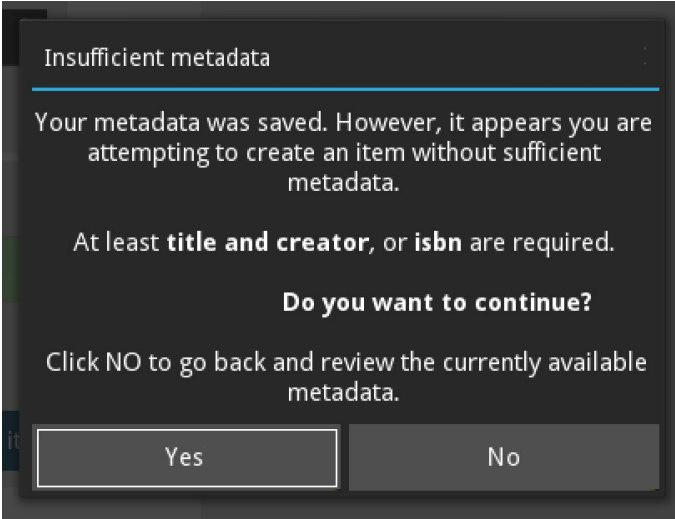
This will help give you a better sense of what's going on behind the scenes, for instance how many books it processed, what's it doing inside them especially when it's time-consuming things like compression or upload. Some of the messages you will see here you'll also be able to find in the log.
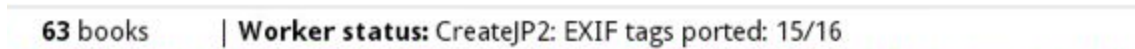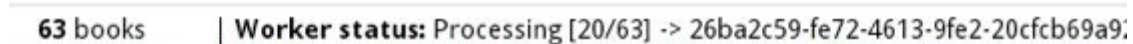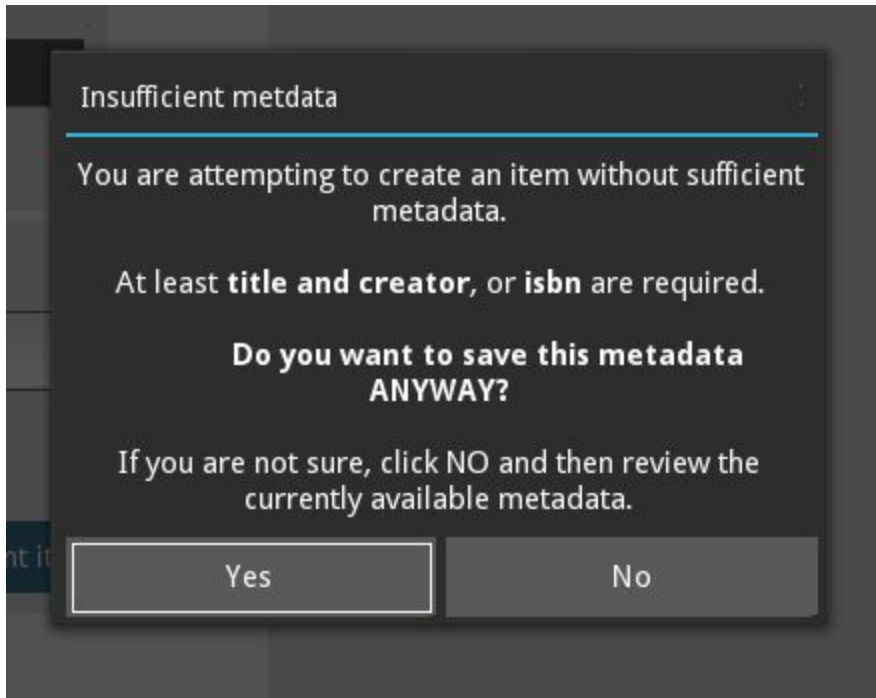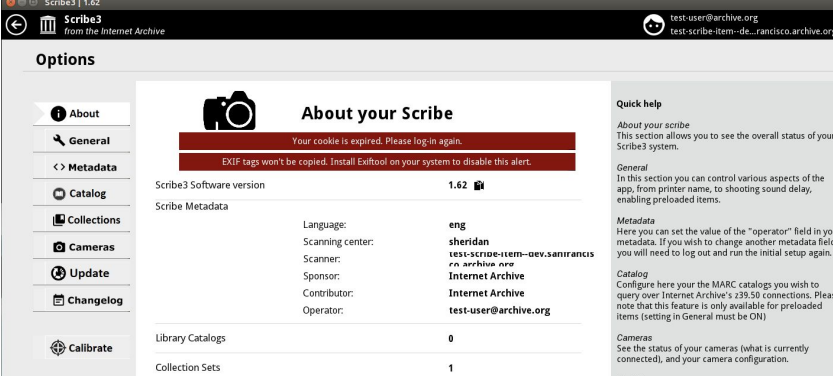
63 books | **Worker status:** Processing [20/63] -> 26ba2c59-fe72-4613-9fe2-20cfcb69a9:
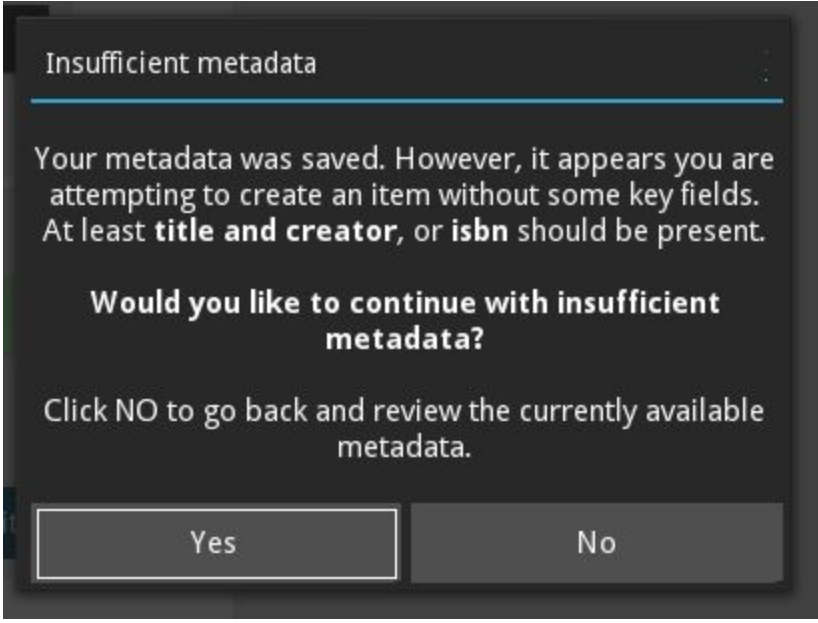
Build-specific changelog

Build	Changes
v1.62-initial-44-gff6a432	- better handling of UTF-8 in `metadata.xml` (including sanitizing input when necessary, - downcasting to ASCII where necessary more gracefully, resolve upload errors)
v1.62-initial-82-g9125cf7	- Better UTF-8 handling in metadata fields (enforce and automatically convert to ascii unicode md keys in compliance with IA md policy) -Introducing a new window component to interact with books from the library list: see cover, key metadata and status at a glance, while maintaining the same buttons and workflows. The rollout will be partial so for this release, we'll have some of the old interaction windows live next to this new one, which is available for statuses: `Scribing`, `Upload Queued`, `Packaging Failed`, all non-error corrections/foldouts states and `Done` - We added help messages and they are now consistently shown within this book window. They can be comments about the status of a book, or the reason for a failure. -Log view: for lovers only, click on `Show log` in the interaction window to

	reveal the output from the last time the worker did something to the book. Useful to understand what's going on when things go very wrong. - If you're trying to create a book with no useful metadata, the app will try and let you know. - Metrics: we now track camera performance in real time, acceptance yield for supercenters, and more error conditions - The usual fixes here and there (more resilience in failure-prone web requests, issues removing books from lists in corrections, better boxid validation, more icons where possible).
`v1.62-initial -96-g4c31022`	- fixed "Cookie expired" banner displayed incorrectly - Prettier book interaction window - Improved status bar
`v1.62-initial -97-g28538d0`	- Backend improvements to presentation of metadata fields in BookInfoPanelPopup. For the user, lists are now well-formatted with comma-separated values. **Shiptracking:** -- **ISBN:** 9780525501350; 0525501355; 978052550137... **Leafs:** 0 **PPI:** -- -
`v1.62-initial -109-gd42aa22`	- Improved book metadata error dialog ([TTSCRIBE-1130](#)) **Insufficient metdata** You are attempting to create an item without sufficient metadata. At least **title and creator**, or **isbn** are required. **Do you want to save this metadata ANYWAY?** If you are not sure, click NO and then review the currently available metadata. [Yes] [No] - Removed "Barcode Input" option toggle ([TTSCRIBE-1135](#)) - Now you can enable real-time camera metrics (for debug) via this

	toggle in the settings:
	Enable real-time camera telemetry ON
	- Fix issue where corrections wouldn't upload - More details about worker in the status bar - Larger zoom box clickable area - Expired cookie banner moved to "Settings" and working properly now

v1.62-initial
-110-ge1eeda5
	- Improved behavior of alert mechanism for insufficient metadata. The new logic works as follows:
	   - Data is always saved if (and only if) it is valid.
	     - "Validity" is determined by looking at individual fields and validating them where possible + looking for missing fields
	   - After this step, if the saved metadata looks insufficient, we display this (hopefully clearer) message:
	
	   -
	   - YES will take the next action if one is planned (dismiss, go to other screen)

v1.62-initia	- Modified the above window to look like this

`l-111-g5d7c2` `b`	 Insufficient metadata Your metadata was saved. However, it appears you are attempting to create an item without some key fields. At least **title and creator**, or **isbn** should be present. **Would you like to continue with insufficient metadata?** Click NO to go back and review the currently available metadata. Yes No
`1.62-final-1` `-g921a33f`	FIx bug where successful corrections upload would be displayed as having experienced an error
`1.62-final-2` `-g3110b6e`	Fix missing shiptracking column in lazytable. Current release candidate.

Build-specific testing routines

Build	Feature	Required tests	Prio (1-5)

`v1.62-ini`
`tial-109-`
`gd42aa22`
	Improved book metadata error dialog ([TTSCRIBE-1130](#))	1. Check that verbiage makes sense
		2. Check it presents itself if (and only if) not enough metadata is present
		3. Tests with free-form metadata
		   a. Create a new book and fill in 'title' then click save. The window should appear. Click no to return.
		   b. Add 'creator', then click save again. The window should now appear.
		   c. Remove 'title', click save, the
			3

		window should now appear. Click no to return to the panel.
		   d. Remove 'title and click save again to verify the window displays.
		   e. Add 'isbn'' and verify the window doesn't show up.
		4. Tests with preloaded identifier
		   a. Validate the normal workflow, by loading an item, and clicking "save and done". Verify that everything is in order.
		   b. Reset the item and repeat loading, this time clicking on "cancel" instead of "save & done". Upon returning to the md panel, is everything present and kosher?
		   c. Create an identifier with only a title (not creator) and language (as required by biblio). When you load it, the window should not display, but it will display when you click "save and done" (but not cancel).
		5. Tests with ISBN
		   a. Loading through ISBN should never trigger the window (because we always have at least one isbn). Test this with both an isbn we want for which a marc exists, and one with no marc.
		6. Test MD save in different contexts (from library list, from scanning ui, on correction items, on normal items, etc).	

Removed "Barcode Input" option toggle ([TTSCRIBE-1135](#))	- Check that barcode input option toggle is gone from settings	2
Now you can enable real-time camera metrics (for debug) via this toggle in the settings	- Check that "enable real-time camera telemetry" toggle is gone from settings - Toggle it on and take a couple shots. Note the time and report. Turn it off.	2
Fix issue where corrections wouldn't upload	- Try a whole cycle of corrections. Notify dev if something goes wrong immediately. Do not wait for scorecard.	5

	Larger zoom box clickable area	- Check that it's easier to enlarge the zoom box	3
	Expired cookie banner moved to "Settings" and working properly now	- Manufacture a fake cookie and ensure that the banner appears. - Navigate to other menus, and ensure that only one displays.	2

`v1.62-initial-110-ge1eeda5`
 	
`v1.62-initial-111-g5d7c2b`
	Insufficient metadata alert	- Ensure metadata (both in modern books and in main form when available) is always saved, regardless of whether the message appears or not
		- Ensure the popup shows upif (and only if) not enough metadata is present as documented [above](#)
		- Ensure timing of popup makes sense in all situations (it should display only when the metadata form is opened, and no longer spill over other forms)
		- Ensure the next action taken on "Yes" always takes you where you expect it to (from library list, from scanning ui, on correction items)
		- Try and save a book with insufficient metadata with cameras uncalibrated (right at the start), and ensure that you can complete the calibration and go to scanning.
			5

	Improved handling of corrections statuses: - Enable new panel for 'corrected' status. - Hang on in 'corrected' until corrections or foldouts have been accepted/rejected, or the book checked in. - Add help text for packaging failed stage. - Print all requests made while uploading corrections.	- Check that corrections upload works and book ends up in the right state (corrected) - Clicking on this state should also reveal the new-style window - When the book gets checked in, Scribe3 should notice and immediately transition the book to "done" and then "deleted" - Try to disrupt an upload (for instance by turning off the network connection mid-upload) to evaluate the failure behavior.	4
`1.62-final-1-g92`	Fixed wrongful display of corrections	Upload corrections, ensure that the book transitions to "Corrections uploaded" and	

`1a33f`	upload	then 'done' on the library list.	
`1.62-final-2-g3110b6e`	Fixed missing shiptracking column in lazytable	No test required	