

Collections MOSAiC - updating to the latest version

Welcome to the latest version of Collections MOSAiC.

Collections MOSAiC has been designed in such a way that improvements to the system and resolution of problems can be applied to your system with the minimum of effort and disruption, only requiring a small amount of technical expertise. You do not need to be an IT "expert".

The update process is cumulative. You do not need to apply every update that you receive. If you receive an update and you have not yet got around to applying the previous update, ignore that previous update. Just apply the latest update (the one with the highest number) and you're done. However, we do recommend applying each update as soon as you can, as it could include a fix to a problem you are having or even avoid you ever getting the problem.

To apply the update:

A. Update the program:

1. save the 1st update file (**Mosaic11.44_UpdateClient.zip**) in the Mosaic11 folder (**C:\ISTechnology\Mosaic11**) on **every** computer where you run MOSAiC.
2. Right-click on the saved zip file & choose "Extract Here" (or it may be worded "Extract All")
3. Check the name of the destination folder it is proposing to unzip into. If it is **C:\ISTechnology\Mosaic11\Mosaic11.44_UpdateClient**, then remove the final part of the destination, so that it only says **C:\ISTechnology\Mosaic11**.
4. Click on the button to go ahead and do the unzipping.
5. You **should** be asked to confirm that you wish to **replace** the existing files.
 - a. Choose "Yes" or click on the "Replace" wording.

If you have questions at all, please email or call IST for assistance.

Collections MOSAiC - updating to the latest version

The current update version contains these improvements and fixes: -

In Version 11.44 (November 2019)

- Attached **images would not upload** to **MOSAiC Online** when the Default Image Path ended with \. The upload process has now been fixed to allow for this.
- Attached **images would not upload** to **MOSAiC Web**. This has now been fixed.

In Version 11.43 (October 2019) (Note: 11.42 was skipped)

- The **green** colour of the **background** to the **search forms** has been made easier on the eye.
- **Accession Prefixes** can now be **4** characters.
- The "**Send a help email to IST**" **button** in the **Help menu**, "About MOSAiC" page now works satisfactorily. (Note: this feature requires a working email program to be present)
- When text is copied from another program and pasted into MOSAiC, it is possible the text will have apostrophes in it, with incompatible format for uploading to the internet. A safeguard has been implemented to automatically convert incompatible characters.
- Migrations from version 10 to 11 failed for SQL server databases due to data format incompatibility. This is now fixed.
- **When text is "pasted"** into a **formattable field** such as a Description, it is possible to inadvertently insert **unprintable** quote **characters**. These were causing problems when uploading to MOSAiC Online. This issue is now fixed.

In Version 11.41 (August 2019)

- The underlying project to maximise the view of ALL of the forms has progressed further, now including the query forms.
These forms now use consistent font style and size and the query forms layouts closely resemble the equivalent data entry form layout.
- Earliest & Latest Dates are now (correctly) cleared when the "Reset Criteria" button is clicked.
- When a formattable field (such as Description) is too large and won't even fit on a page by itself, the content is truncated instead of a technical error message arising.
- If the first record fetched had a formatted Description, the formatting did not show immediately, requiring a move to another record, then back again.
The formatting now shows immediately upon retrieval of the records.
- A "ghost" image no longer appears on the first record retrieved when it has no attachments.
- A problem appeared in version 11.40 whereby the "Show Attachment" closed automatically after a short delay. This is now fixed and the form stays on the screen until closed by you.
- A problem appeared in version 11.40 whereby Authority Lists could not be updated. This is now fixed.

In Version 11.39 (May 2019)

- Some attachments were not getting uploaded to MOSAiC Online when an Object or Subject was updated. This is now fixed.

Collections MOSAiC - updating to the latest version

- The Last Edit Date could not be included in searches. This is now fixed.
- If your Collections MOSAiC system was upgraded from version 10 and your earliest version of 11 was 11.33 or earlier, then some extra **Data Migration** steps are required to ensure all of your version 10 data is imported into version 11. When opening **Settings**, you are offered the opportunity to undertake these extra steps. Unfortunately, there was a bug in the system that asks if you wish to run these extra steps each time you open Settings, even after the extra steps have completed previously. Version 11.39 fixes this problem and once the extra steps have completed, you will not be asked again.

In Version 11.38 (March 2019)

- **Deaccession** processes have been improved, with clearer buttons for deaccessioning and re-accessioning. Only Curators are able to perform these actions. The Deaccession report has been fixed to fit on a single page, even there is now more detail.
- The **optional field** labels on the Objects form now fit properly.
- Layout issues arising when opening the Items (Objects) form have been resolved.
- The Curators' ability to reset all of the **Export ticks** on the Object records has been extended to include the resetting of the ticks on the Subject records. Refer to the "Switch OFF EVERY Item's Export Tick" button in the Export Data section of the Settings form.
- The Mosaic Web upload process now cleans up all the temporary files after uploading.
- The **Mosaic Online** procedure now has the ability to **exclude certain file types**. This gives the ability of attaching extra files to the records even though the files are not to appear on the internet. Refer to the Export Data section of the Settings form, where a text box is available for listing file extension to be excluded, e.g .ZIP, .DOCX
- A bug has been fixed whereby internet uploads of more than 32,000 attachments would cause the upload to fail.
- The **installation** file has been fixed to now properly install everything required for the Mosaic Online uploading process. This includes the installation of the new watermarking and thumbnailing tool, which now only installs if not already present on the computer. This tool is used for Mosaic Web and Mosaic Online, replacing the old Thumbnailing tool that was considered inefficient and annoying.
- The **log file** for the Mosaic Online upload process now shows the Accession ID, Subject Name or Library Title of any records that encountered upload problems.
- **Visitors** can no longer access Objects, Subjects or Library records with **anything at all** in the Restrictions fields, as long as the Restrictions Facility has been switched on in the Settings.
- The form now automatically maximises for Visitors when they choose Datasheet view.

In Version 11.37 (Nov 2018)

- Trove Harvesting trials have been successful, in readiness for MOSAiC Online customers to sign up with the National Library
- **All** fields, including formattable fields (such as Description) now respond to right-clicking to allow for Cut, Copy & Paste actions.

Collections MOSAiC - updating to the latest version

- New MOSAiC Online clients have their online web presence created automatically and instantly, when they register their "+Online" license code.
- Thumbnailing and/or Watermarking of **all** image types is now fully functional for MOSAiC Online clients, accomplished by simple tick-boxes.
- The Importance lists now **all** offer "International" instead of "World".
- Opening of a Subject record from the Associations list on an Object record now operates as expected, without any unexpected closing of the Subject record.
- Error messages occasionally arising when MOSAiC runs on Windows 7 have now been eliminated.
- Re-accessioning a previously deaccessioned item now works as expected.
- The Object Admin report no longer truncates some data.
- The "Correct Invalid Image File Paths" now successfully updates all relevant attachment links for Object records **and** Subject records, although the user is still offered the choice of applying the update or not, for both data types.

In Version 11.36

- Font style and size consistency has been applied to the Objects form and the Objects Admin report – Arial 9-point. More consistency changes will follow in the next release.
- Data was getting truncated in several reports. This is now fixed. The import of the missing version 10 data is automatically actioned the next time the Curator enters the Settings area.
- The attachment files are listed in 2 places on the Object Admin report;
 - The primary / default attachment file name and folder is shown underneath the image preview.
 - The other attachment details are list beside the image preview.
 - These 2 columns are now clearly titled to remove confusion.
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In Version 11.35

- You can now use **right-click** to get the **Cut, Copy & Paste** options. (This functionality has not yet been applied to the formattable fields)
- Pressing **Escape** to undo the changes to a formattable field either raised an error or caused the system to crash. This is now fixed and pressing **Esc** correctly undoes the changes to that field.
- When adding a new Item record; if you changed your mind immediately, because you did not want a new record, you had to press Escape before closing the form even if you hadn't entered any data! That is now fixed.

Collections MOSAiC - updating to the latest version

- **Shift+F2** opens a “zoom” window however, **if** the field is **formattable** (e.g. Descriptions, notes etc.), **Shift+F2** will open an “Edit & Format” window, but this window appears **behind** the MOSAiC window! Instead of using **Shift+F2** on Formattable fields, all the formattable fields now have a **“Format” button** next to the field. Click on the **FORMAT** button, instead of using **Shift+F2** to immediately get a visible Edit & Format window. Make your changes, then close this window to save those changes.
- Some data fields were omitted during the import of the version 10 data. That data is now included. Also, if you migrated your data before this fix, when you go into the “Settings” area, MOSAiC will recognise the problem and you will automatically be offered the opportunity to import the missing data. Have your version 10 data file accessible before you do this.
 - The fields affected are:-
 - Significance tick-boxes
 - Data Restrictions fields
 - Dewey Number
 - Description field on Subject Attachments
- When opening an **Authority List**, the focus is automatically on the correct column for selecting (or adding) entries.
- The forms are now resizable and will open maximised, as do the reports. Unfortunately, this caused a problem when **printing an attached image**. The image print enlarged over several sheets of paper. This is now fixed and the image will enlarge, but not wider than A4, so the report fits on a single page.
- Some users get a **security warning** when starting MOSAiC, even though they know the system is safe to use. Changes have been applied to eliminate this annoying message. If you still get this message after applying version 11.35, please continue to click on the “Allow” button, but please get in touch with IST so that we can address the changes further.
- **Thumbnailing** the copy of your images during your upload to the internet (via MOSAiC Web or MOSAiC Online) is now optional. Optional watermarking is also available. A sample watermark file (**Watermark.PNG**) is included with this update. This file needs to be copied into your DATA folder.

To use this sample watermark file, “edit” the file and change the text to suit yourself. Note – you must not change the name of the file.
- Restrictions keys were supposedly allowed to be up to 20 characters, but caused an error if more than 19 were entered. This caused some restricted records to become inappropriately accessible. This is now fixed.
- A **restricted Subject** record would still be shown in the Subjects Name drop-down list, even though it could not be fetched by unauthorised staff & visitors. This is now fixed and the only Subject Names shown in the list are those that are accessible to the that user.