nmCollector.net LLC

NM Collector CP 2.1 User Manual

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Introduction

Software developed by collectors for collectors.

NmCollector.net LLC has been developing collector software for over two decades. NM Collector CP software is the latest edition in a line of successful packages used by individual collectors to track and manage their collections. Our intent is to keep NM Collector CP relevant and up to date for the foreseeable future so it will be the last edition you will ever need.

This manual is intended to be a complete description of the software with detailed operating instructions. It is formatted such that it can be printed and placed in a binder for those, like me, who like to have paper copies of documents. The latest version of this user manual and other sources of information including our blog and our support pages can be found at www.nmcollector.net

References

Some useful resources can be found on these pages.

- Our ecommerce site can be found at: www.nmcollector.net
- Lots of usage hints and information at: https://www.nmcollector.net/blog
- NM Gun Collector Software: https://www.nmcollectorsoftware.org/
- NM Collector JE Software: https://nmcollectorsoftware.com/
- NM Collector CP Software: https://nmcollectorsoftware.us/
- NM Collector Software Support Desk: https://nmcollector.atlassian.net/servicedesk/customer/portals

General Concepts

Manage any collection on any platform.

The intent of this software is to provide the flexibility for you to manage any type of collection using the terminology and content that you want to use. Defaults are provided for many types of collections which can be used as is or modified to suit your preferences.

Collection Templates

Collection templates are used to manage captions that appear on the pages. Values can be changed as needed. Values that appear in dropdowns can also be modified. New templates can be created from scratch or from an existing template.

Available Field Types

Data is captured in a variety of field types.

1. **Drop down fields** allow you to select text from a drop-down list. Field values can be added, modified, and deleted.

2. **Number fields** capture any numbers relevant to the item. Formatting is not applied because a number field can be used for any number (pun intended) of formats.

3. **Date fields** are used to capture important dates.

4. **Notes fields** allow you to capture larger amounts of text.

Operating Systems

This collection management software can be run on Windows, Mac, and Linux. It can be run from a USB flash drive but the data will be stored on the system in which the USB is plugged into. Data can be exported from one platform and imported into the other.

Mobile Apps

Companion mobile apps are available for iOS and Android devices. Data can be transferred between devices. See Android and iOS sections below for more details.

Acquisition and Activation

This software is available via download or can be delivered on a USB flash drive. The download provides a full featured 30 day evaluation period. After that it will convert to a free version with fewer features. The full feature version can be activated with the purchase of an annual subscription. The USB option can only be purchased with a subscription.

NOTES:

- When the 30-day evaluation expires and the software reverts to the free version, data will not be lost and will become available again after the purchase of a subscription to activate the full features.

- You can still export all of your data even after the subscription has expired so you are not locked in if you ever decide not to renew your activation.

Installation and Startup

Installation and startup depend on the operating system.

Once downloaded, you must decide how you want to run the software. The specific options and procedures depend on the operating system as referenced below.

USB Flash Drive

USB File Structure:

- NMCollectorCP_Win.zip
- NMCollectorCP_Mac.zip
- NMCollectorCP_Linux.zip
- USB Instructions

USB Instructions:

This USB flash drive contains NM Collector Software CP deployments for Windows, Mac, and Linux operating systems. Each deployment is contained in a zip file. There is also an activation file that is used to activate the software. The activation time period depends on the purchase option you chose. Please use [Activation > Apply] and navigate to the activation.lic file included on the USB Flash Drive to apply your activation to your copy of NM Collector Software.

Please copy the zip file for the operating system you want to use to the computer that you want to use it on. Once you have copied the zip file to your system extract the contents of the zip file to whatever location you choose.

For Windows, Mac, and Linux you can run the program from the files you extracted. For Windows and Mac you also have an installation option. Once you have extracted the contents to your computer you will see an Instructions txt file for that operating system. Please follow the instructions in that file.

Also included in each zip file is a detailed User Manual for your reference.

NOTES:

1. You can extract the files to the USB and run the program there but the data will be stored on the computer that you have the USB flash drive plugged into
2. Please do not attempt to extract the contents to your USB flash drive on a Linux system. There will be errors.

Windows

Installation

1. Download nmCollectorCP.zip

2. Extract contents to computer hard drive or USB

3. Optional - run setup program (Setup NMCollectorCP.exe) which can be found in the installer directory

Startup

1. If you used the installer, you can run from the shortcut created on the desktop or the installed nmCollectorCP.exe

2. You can also open the downloaded directory and double click the nmCollectorCP.exe

Mac

Installation

1. Download nmCollectorCP.zip

2. Extract contents to computer hard drive or USB

3. Optional - run setup program (NMCollectorCP.dmg) which can be found in the installer directory

Startup

1. If you used the installer, you can run NM Collector CP from your applications folder

2. You can also open the downloaded directory and double click the nmCollectorCP.app

Linux

Installation

1. Download nmCollectorCP.zip

2. Extract contents to computer hard drive or USB

3. This will create the NMCollector_Linux directory which contains the application

4. For reports to work, you must also install Microsoft fonts (Arial in particular).

NOTE: Please follow the instructions found here: https://lexics.github.io/installing-ms-fonts

Startup

1. Open a Terminal window in the NMCollectorCP_Linux directory

   Option 1 :

   a. From desktop, navigate to the NMCollectorCP_Linux folder,

   b. right click on it and

   c. select "Open in terminal" from the dropdown list

   Option 2:

   d. Open a Terminal window

   e. cd to the NMCollectorCP_Linux directory

2. Start the NMCollectorCP application from the Terminal Window with:

   sh run.command

Operation

Operation is consistent across all operating systems.

Linux will have some minor variations but, other than that, the features and operation are the same across all desktop operating systems. Companion mobile apps are generally consistent but have some differences.

Main Page

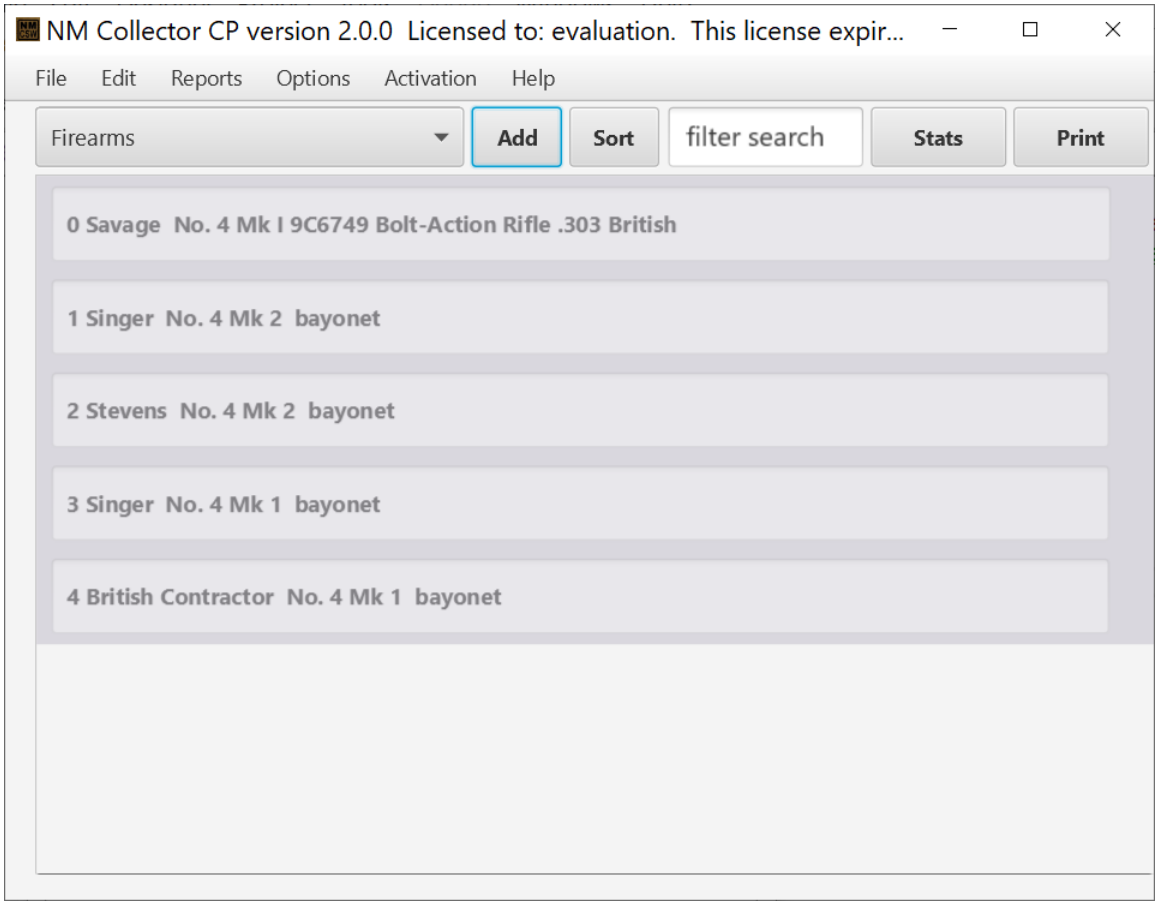


FIGURE 1 The Main page of the application where items are listed.

This page is the center of control of the application. The collection is selected from the drop down and items for that collection are listed on the page. Clicking on an item in the list will take you to the data for that item.

Title Bar

The title bar contains the name of the application, the current version you are running, and the subscription (activation) expiration date.

Menu Bar

The menu bar gives you access to reports, file functions, edit features, options, activation (subscription), and help.

Collection Drop Down

The collection drop down contains a list of the available collections. Selecting a collection loads the template for that collection and the list of items in that collection.

Add (Item) Button

This button adds a new item to the selected collection and opens the identification tab for you to enter key values for identifying this new item .

Sort (Item) Button

This will change the sort order of the items displayed between ascending and descending.

Filter (Search) Field

Enter values in this field to filter what items are displayed. Only items that match the filter will be displayed. Click the check mark displayed in the field or hit return to apply the filter. Click the X displayed in the field to clear the filter.

Stats Button

Clicking this button will open the statistics page where data is displayed in a table format and summaries are calculated. Please see the statistics description below.

Print Button

This button opens a printable report containing the currently listed items. If the list is filtered then only those filtered items will show up in the report.

List of Items

The rest of the page consists of a list of items in the collection. Clicking on an item in the list takes you to the Identification (ID) tab for that item. Other tabs also become available. Each of these tabs is covered below.

Statistics Page

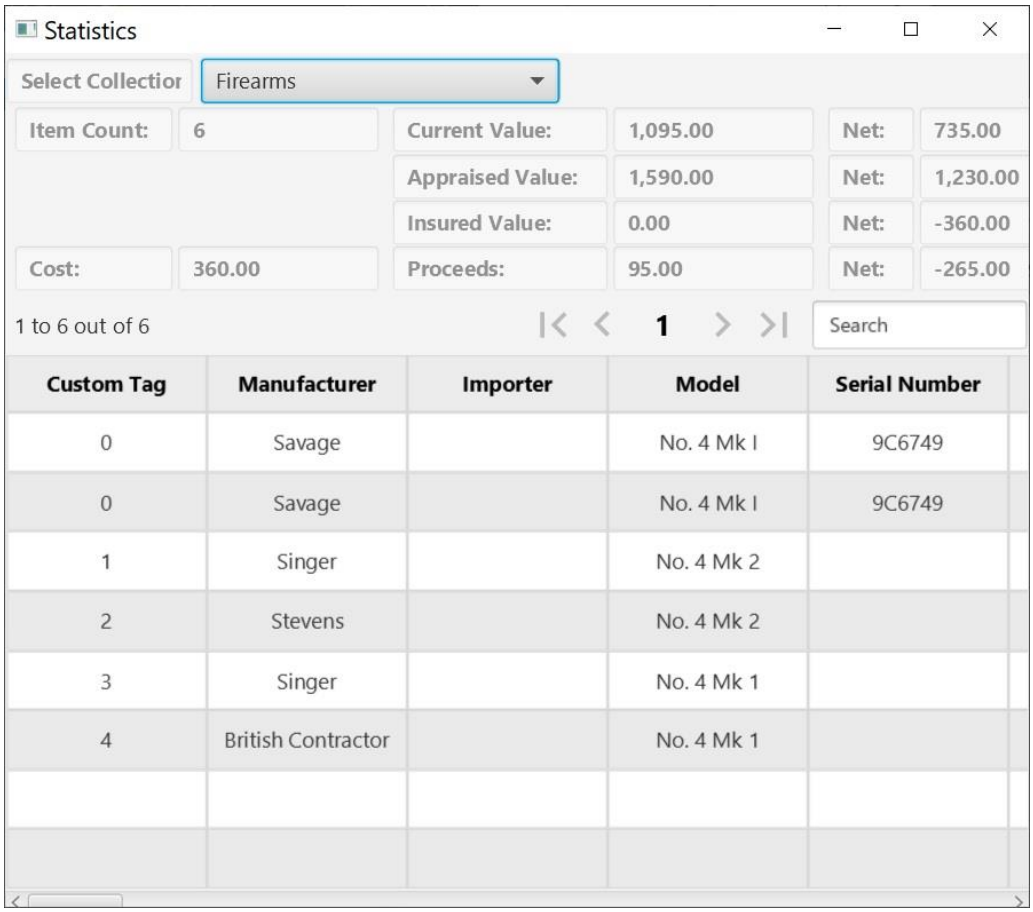


FIGURE 2 The Statistics page.

Clicking the Stats button on the Main page opens this page which displays a complete list of values and some stats for the selected collection. Click on a header to change the sort order of the data. Click a row to open the ID page for the clicked item.

Hint: Use the Search field to quickly find items on the page. In fact, for very large collections, it is faster to jump directly to this statistics page to find items of interest than to wait for all of the items to load on the main page.

Reports

Canned Reports

Note: These are not available in mobile apps.

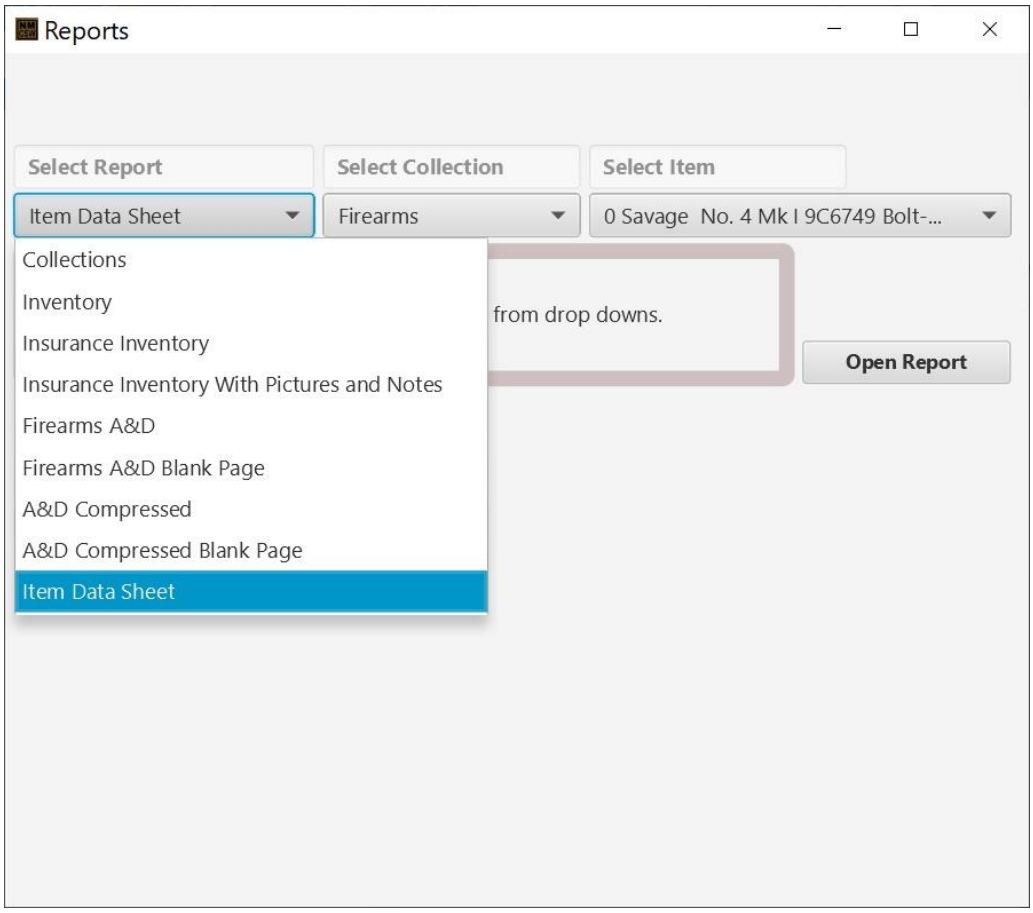


FIGURE 3.A The Canned Reports page.

Clicking [Reports > Canned] from the Main page menu opens this page which provides an interface for selecting from available predefined reports. The Select Collection and Select Item drop downs are enabled and disabled depending on what report you select.

If you are handy with Jasper Reports you can develop your own predefined canned reports as well.

Custom Reports Feature

Note: These are not available in mobile apps.

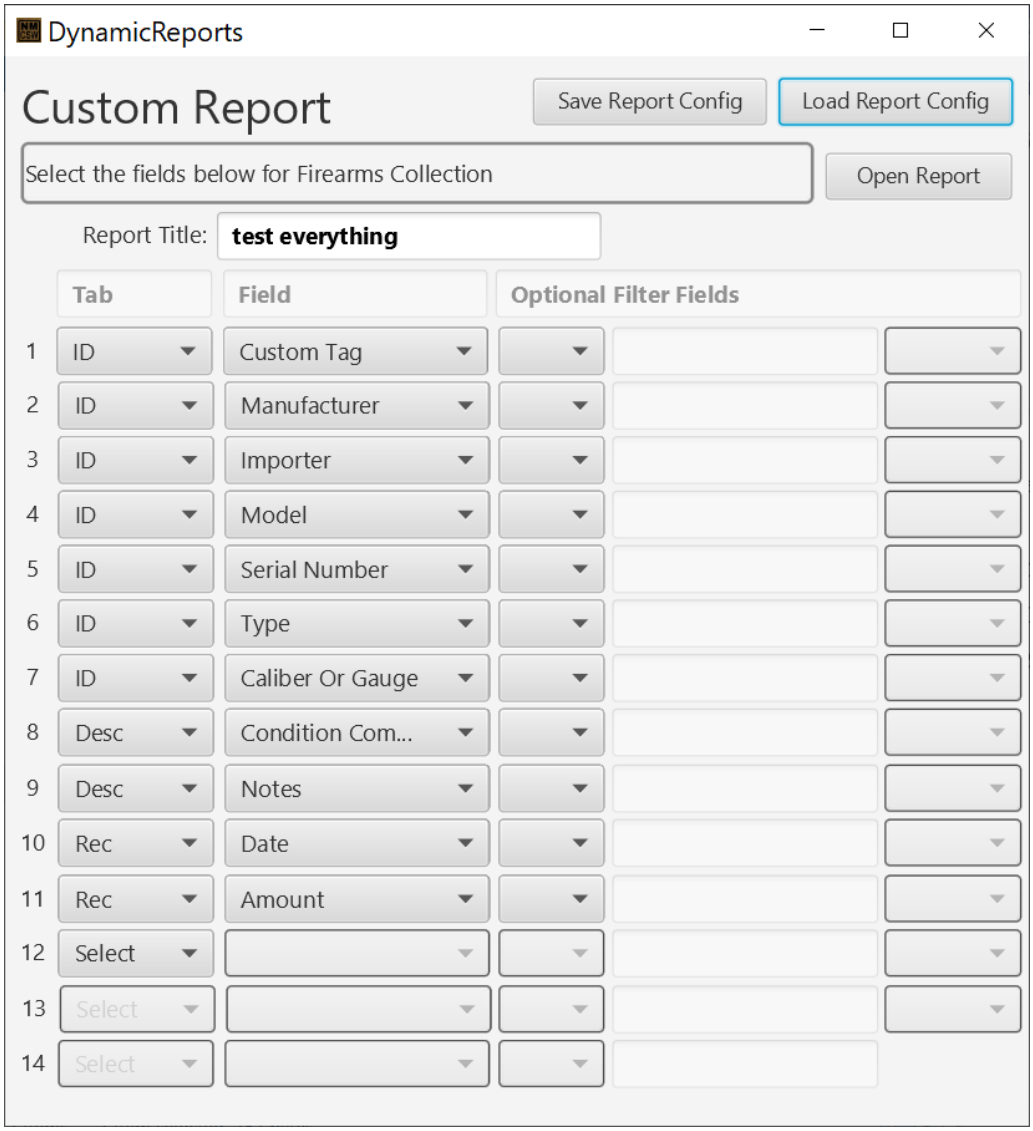
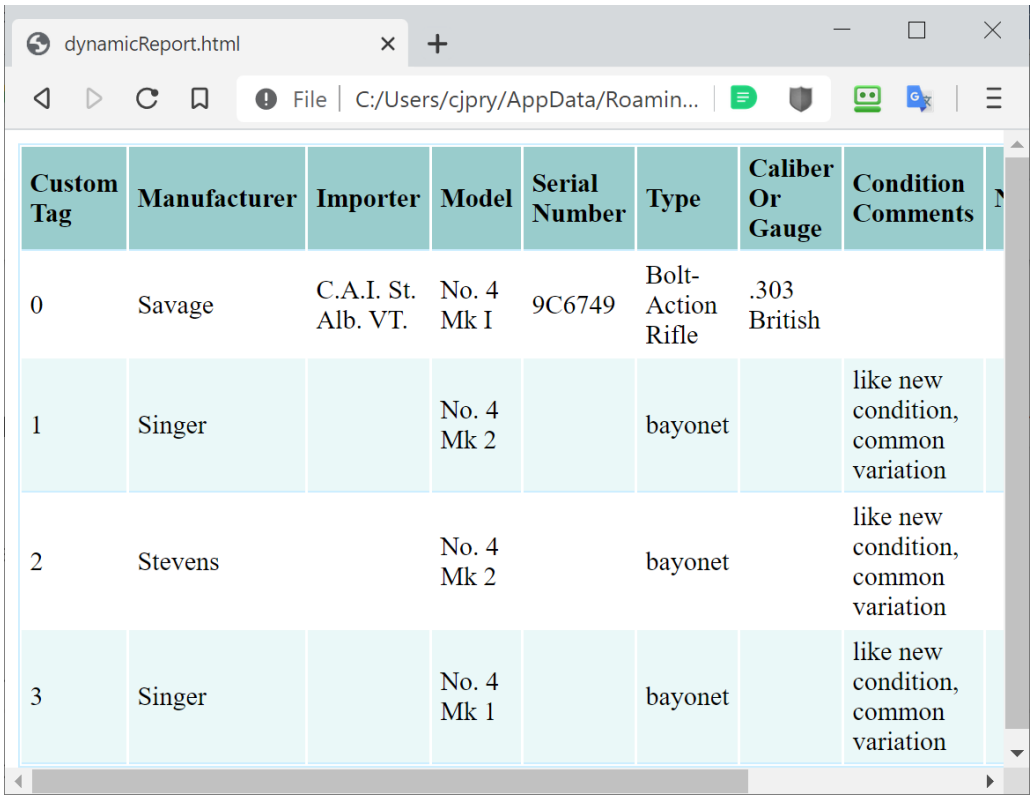


FIGURE 3.B The Custom Reports page.

Clicking [Reports > Custom] from the Main page menu opens this feature which allows you to select fields that you want to display in a report. Once you have defined a report configuration you click the [Open Report] button to display it.

Unlike the canned reports, these are dynamically generated so they cannot be predefined in Jasper Reports. Instead, an HTML file of the report named dynamicReport.html is

generated and stored on your local file system in your NM Collector CP data reports directory (see [Help > About] for that directory location on your system). It is then opened for display and print by your default web browser.



Custom Tag	Manufacturer	Importer	Model	Serial Number	Type	Caliber Or Gauge	Condition Comments
0	Savage	C.A.I. St. Alb. VT.	No. 4 Mk I	9C6749	Bolt-Action Rifle	.303 British	
1	Singer		No. 4 Mk 2		bayonet		like new condition, common variation
2	Stevens		No. 4 Mk 2		bayonet		like new condition, common variation
3	Singer		No. 4 Mk 1		bayonet		like new condition, common variation

FIGURE 3.C Sample Custom Report

You can also save your report configuration with the [Save Report Config] button. It will be saved in a file named with the report title you entered and extension of .rept in the location (directory) you choose. You can load it using the [Load Report Config] button. This saves you from having to re-enter the criteria every time you want to load the same report.

You can optionally filter those fields to limit results that appear in the report. This can get a little complicated and produce unexpected results if you add too many options. Here are some suggestions:

- It is best to add filters to the end if you will have multiple filters.
- If an item is missing from a report, it could be that you added a field for a record that does not yet exist. For example, if you want to see the receipt date but no receipt has been entered you will not see the item that has no receipt date.
- When there is more than one filter the default is to use AND conjunctions.

- OR conjunctions can produce unexpected results.
- You cannot use comparison operators (=, !=, >, <) on dates.
- != means "Not Equal"

Print Page Report Buttons

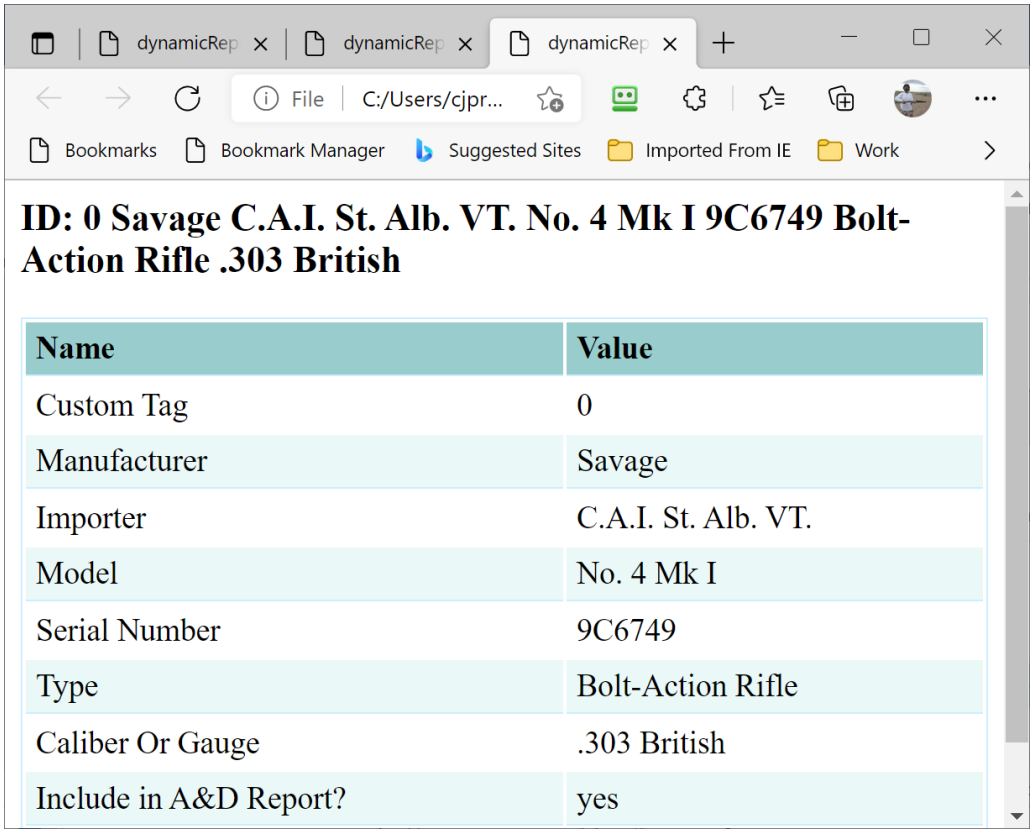


FIGURE 3.D Print Button for Identification Tab

This button can be found on many tabs. When clicked it will open a printable report for that tab. The Print Page Report is generated dynamically, like the Custom Reports feature, and displayed in your web browser.

Note: Mobile apps do not automatically open a web page to display the report. You must first save the report to your file system and then open it from there.

ID Page

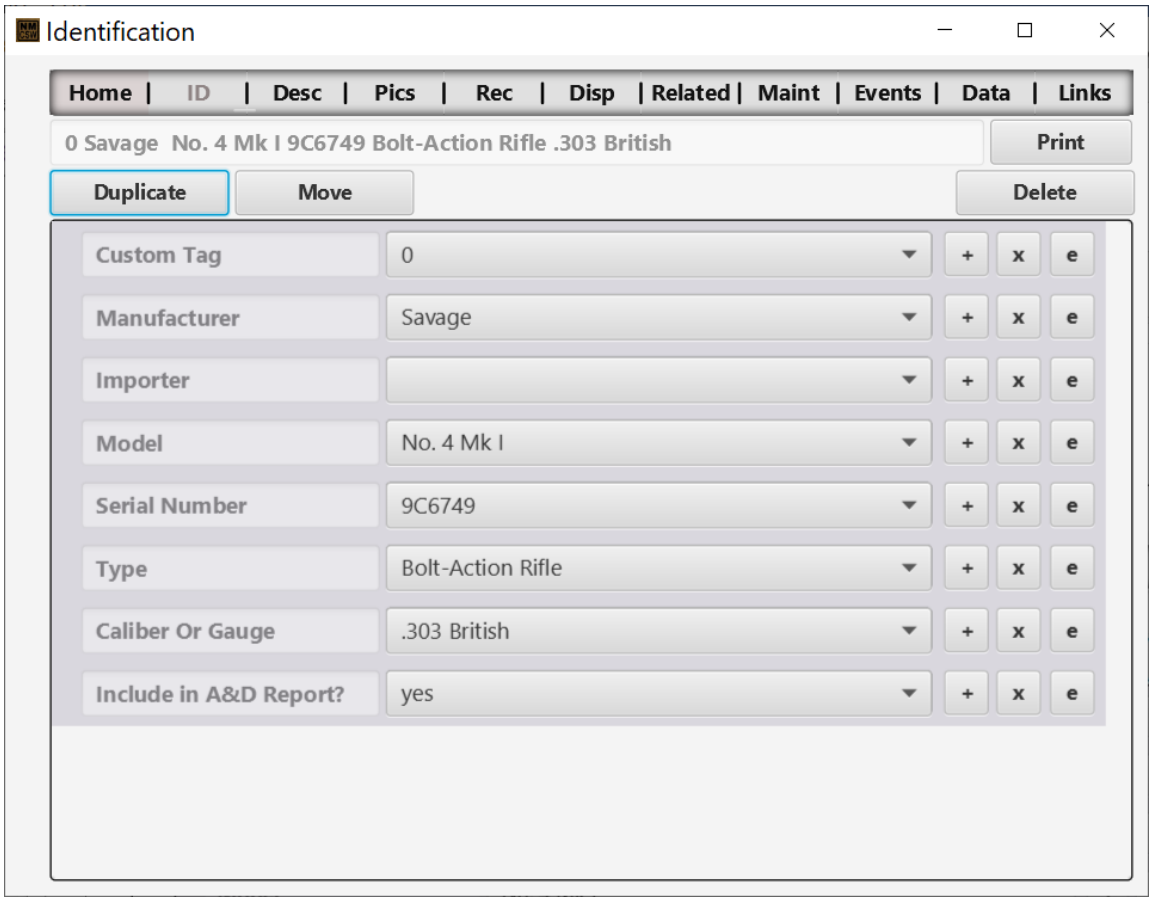


FIGURE 4 The Identification page.

This page is the center of control for an individual item. Not only does it display key identification information, but it also provides buttons for duplicating, deleting, and even moving an item from one collection to another.

Duplicate (Item) Button

This feature will replicate the current item's identification, description, and receipt information a selected number of times. This is useful for entry of multiple similar items.

Move (Item) Button

You can move an item from one collection to another with this feature.

Delete (Item) Button

After confirmation, this will delete the current item from the database.

Print Button

Prints currently displayed data. See reports section of this manual.

Fields

Data available to capture in the ID tab makes up the rest of the page. Each drop down field has three buttons to the right of it.

1. **+**

   The + button adds a value to the drop-down list for that field.

2. **x**

   The x button clears the value for that field.

3. **e**

   The e button opens up the Edit DDL Page (please see below) allowing you to edit the values in the drop-down list.

Edit Drop Down List (DDL) Page

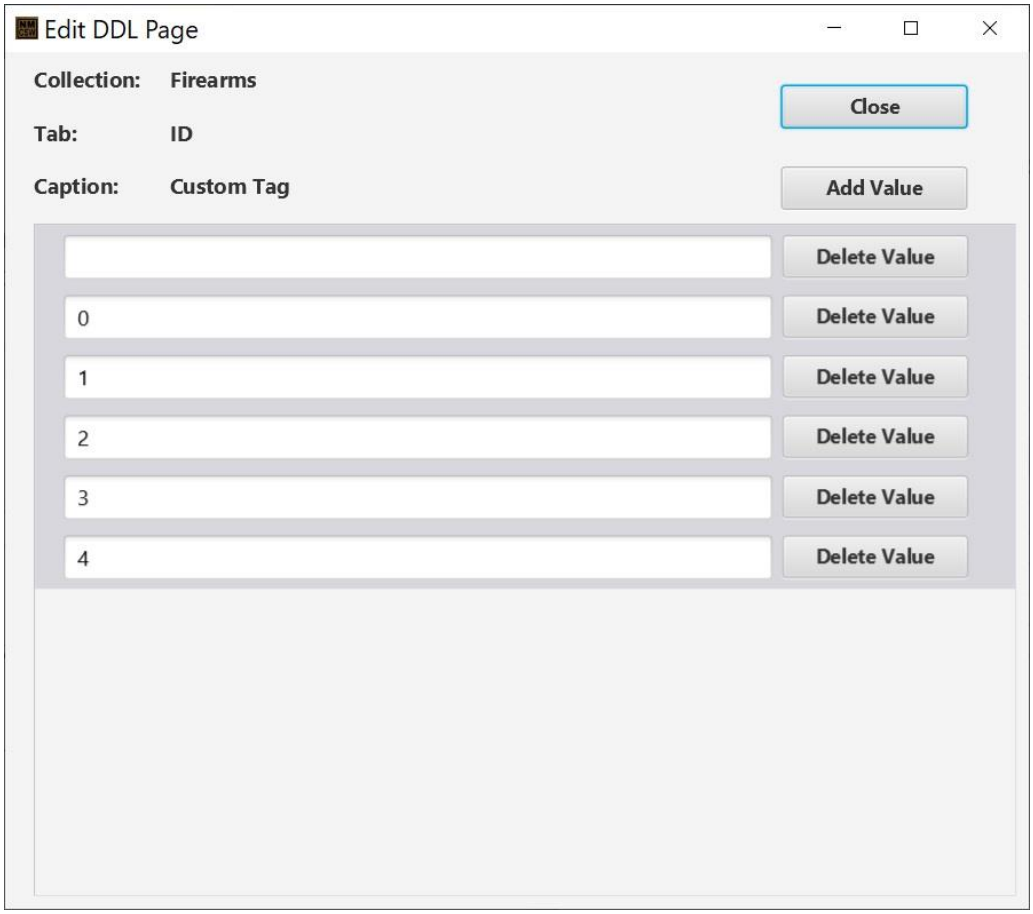


FIGURE 5 The Edit Drop-down List page.

This page allows you to edit the drop-down list contents for the selected field. It should be self-explanatory except … if you delete a value that is in use by any item, that value will be automatically added back to the drop down list.

Description Page

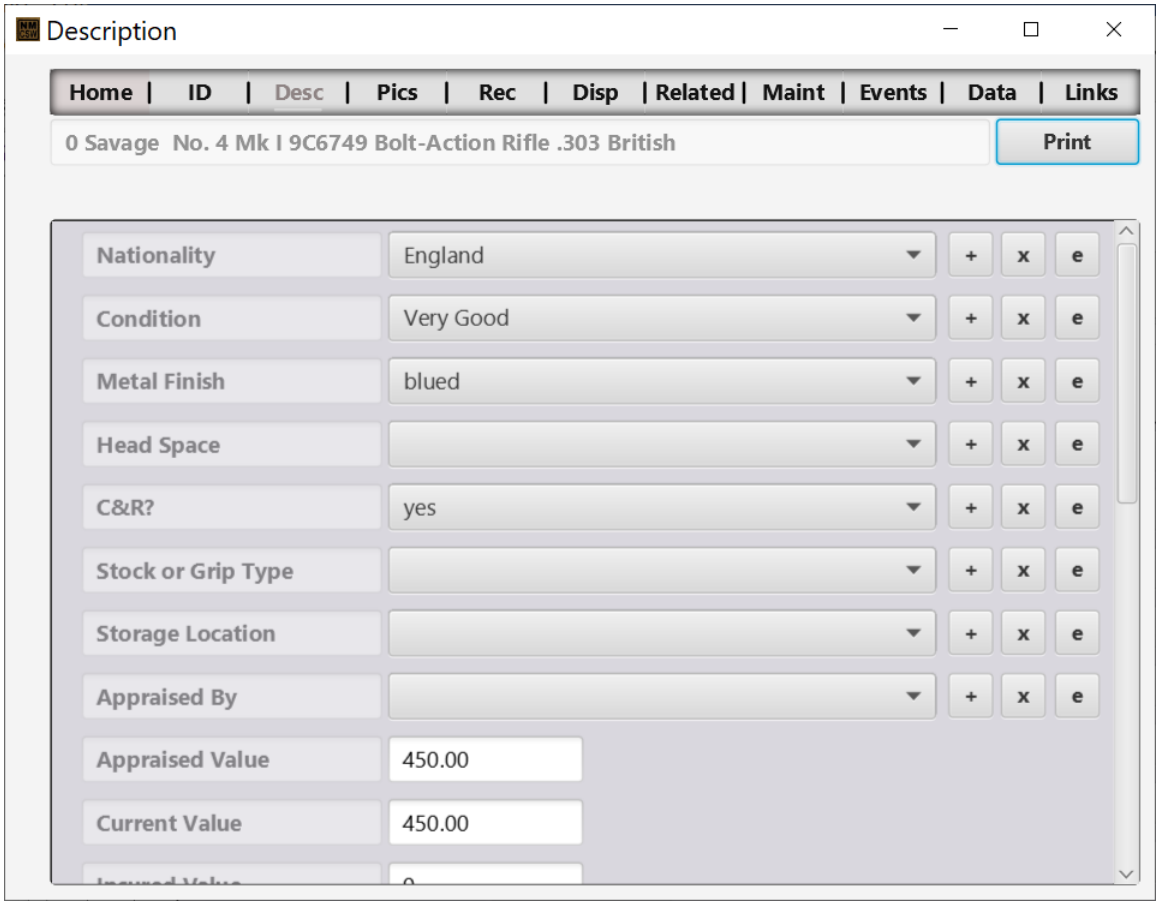


FIGURE 6 The Description page.

Here description information can be captured. It can be difficult at times to distinguish between identification and description information. I like to think of identification information as that which uniquely identifies the item. Description information is not required to uniquely identify the item. You can decide what fields you consider to be identification and description by customizing your collection template to suit your needs.

Pictures Page

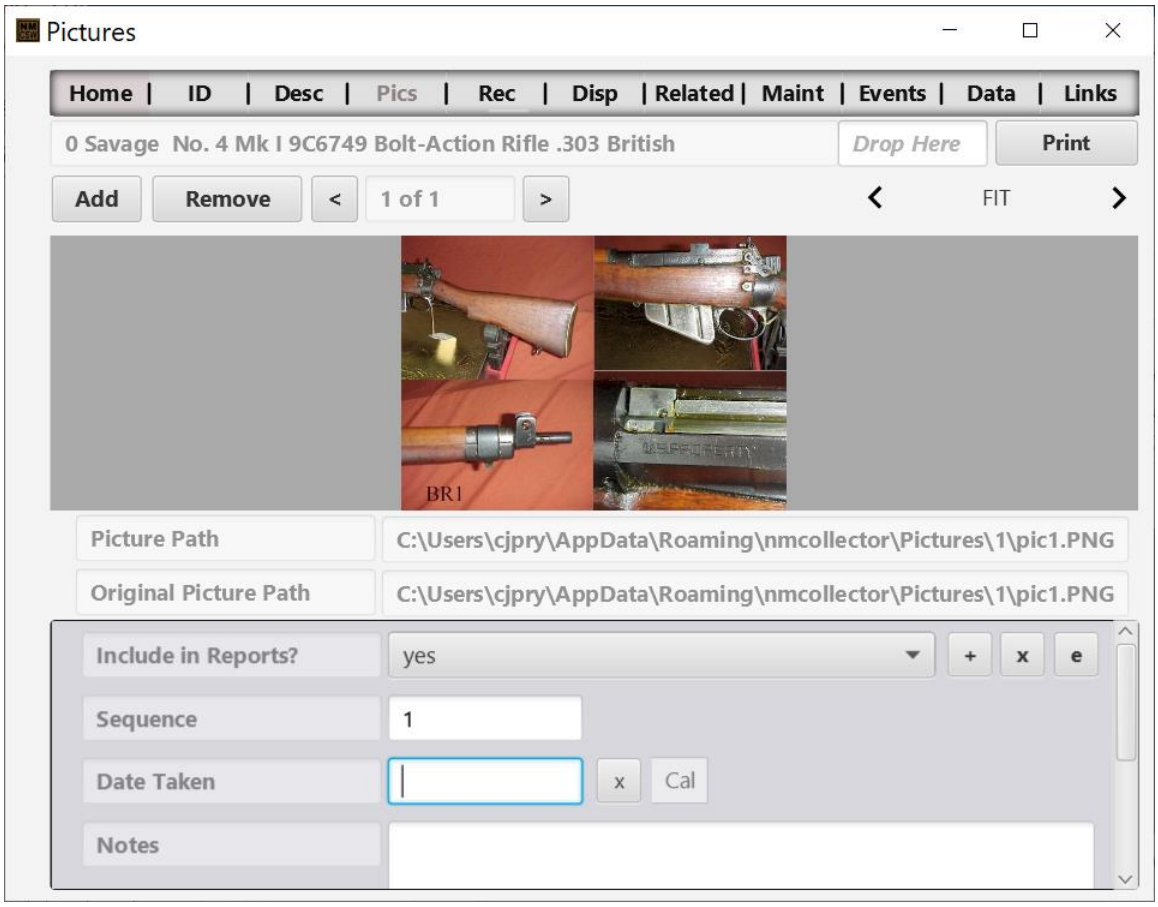


FIGURE 7 The Pictures page.

Capture one or more pictures and associated data for the selected item.

NOTES:

- A primary objective is to preserve your data.
    - When you remove a picture from an item, that picture is not deleted from the Picture Path. It is just removed from the database for that item.
    - If you try to add a new picture that has the same name as a current picture for that item stored in the Picture Path, the old picture will not be replaced by the new picture. If you want to remove the old picture you must manually delete it from the file system.

- If you copy the database from one system to another the pictures will not load unless they are also manually copied to the specified Picture Path. This will not work if you copy from one operating system to another. For example, copy from Windows to Linux will not work because the paths will be a different format.

- Better to export (discussed elsewhere) your data from one system and then import it into the other. This will transfer the pictures as well.

Add (Picture) Button

Navigate to a picture on your file system to associate with this item. Only .jpg, .jpeg, .bmp, .gif and .png images are accepted. The original picture will be left in its original location and a copy of it will be placed in a designated location for your operating system. The original location and new location are captured and displayed in the first two fields located below the picture.

Drag and Drop Picture

You can drag a picture from anywhere and drop it in the "Drop Here" field. Only .jpg, .jpeg, .bmp, .gif and .png will be accepted in the "Drop Here" field.

Remove (Picture) Button

This feature will replicate the current item's identification, description, and receipt information a selected number of times. This is useful for entry of multiple similar items.

Picture Scroll Bar

You can scroll through pictures using the "<" and ">" buttons located on either side of the current picture field which shows up as a number representing the current picture "of" a number representing the total number of pictures.

Picture Display Options

Just above the upper right corner of the picture you can select how you want the picture displayed. The options are FIT, FILL, FILL_NO_DISTORTIONS, FILL_WIDTH, FILL_HEIGHT, and NONE. Rather than trying to explain each of these options it is better for you to experiment with them to see for yourself how they work.

Receipt Page

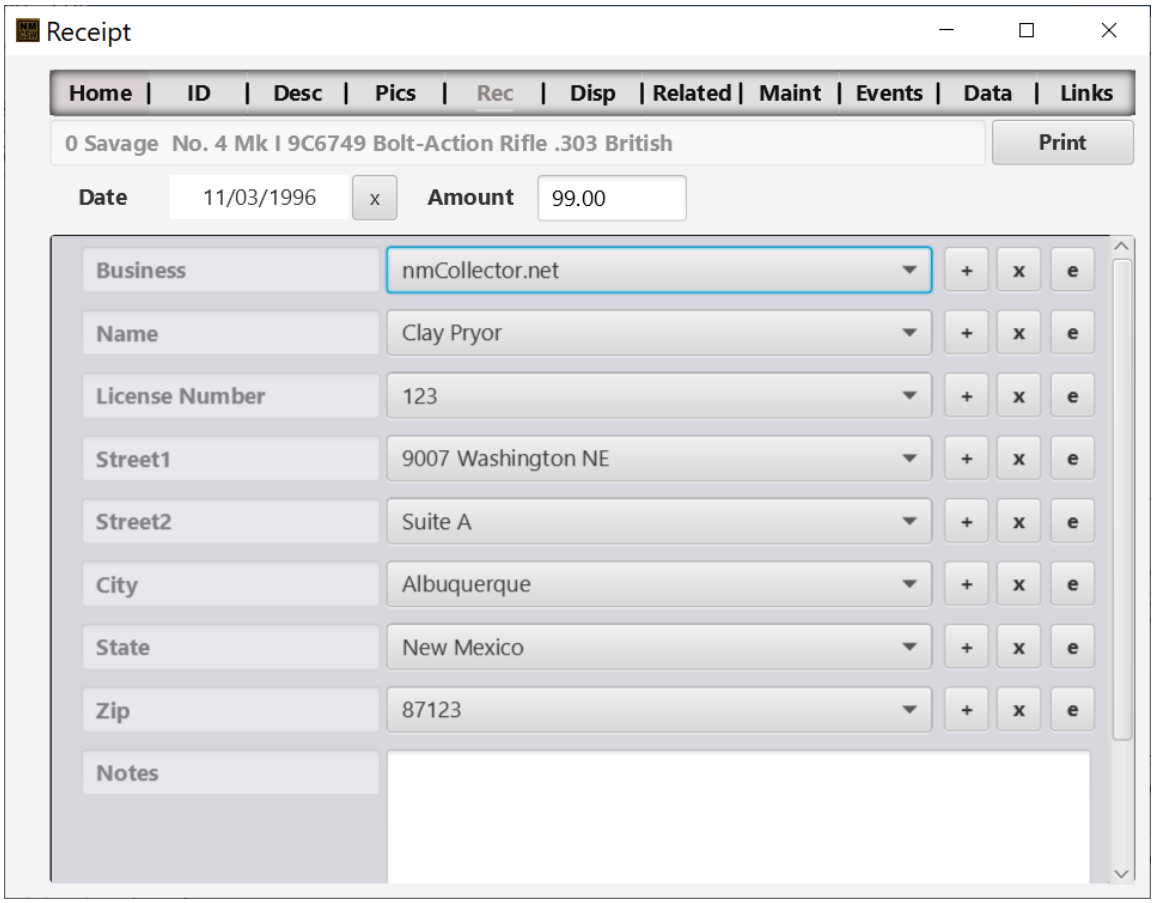


FIGURE 8 The Receipt page.

Capture receipt information for the selected item.

Disposition Page

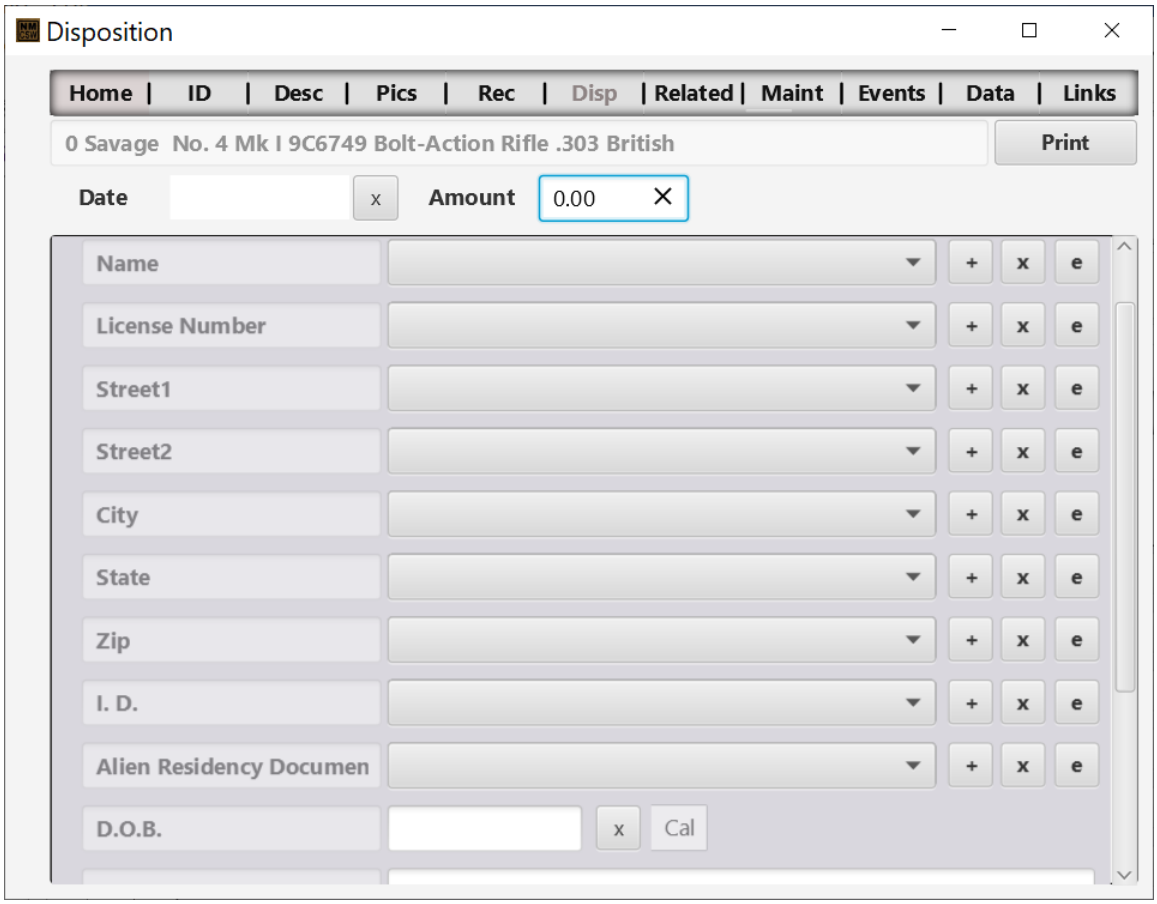


FIGURE 9 The Disposition page.

Capture disposition information for the selected item.

Related Items Page

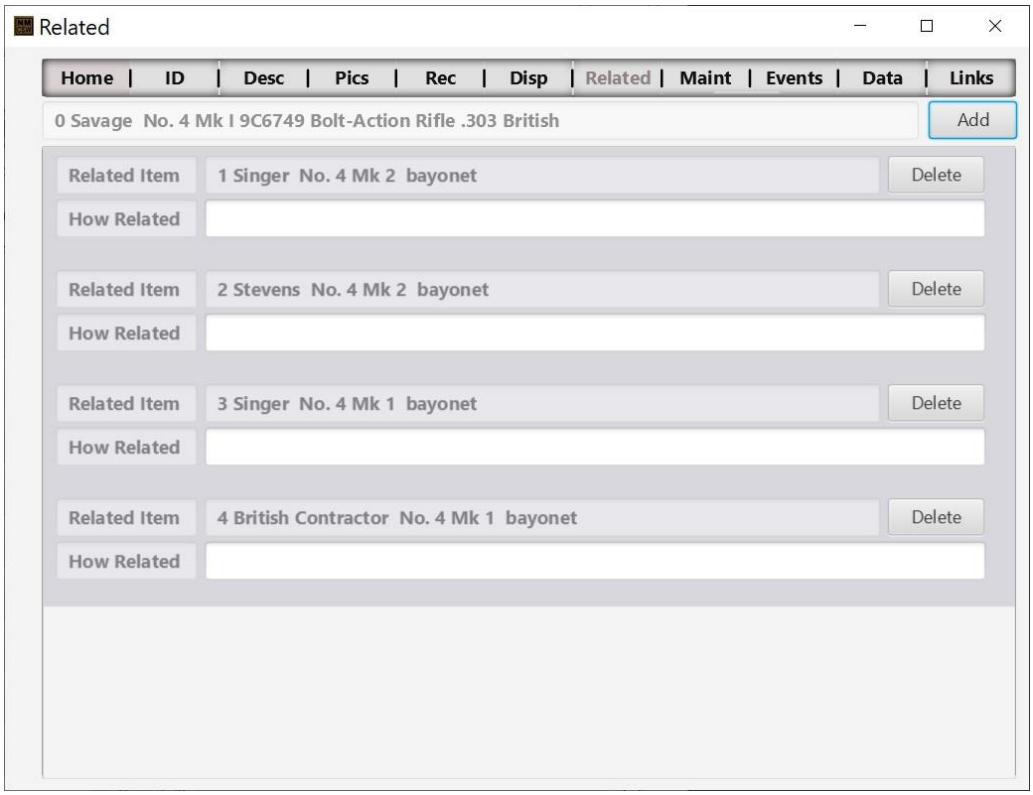


FIGURE 10 The Related Items page.

In some cases you may find that one item is related to one or more other items. This page allows you to capture those relationships.

Add Related Item Page

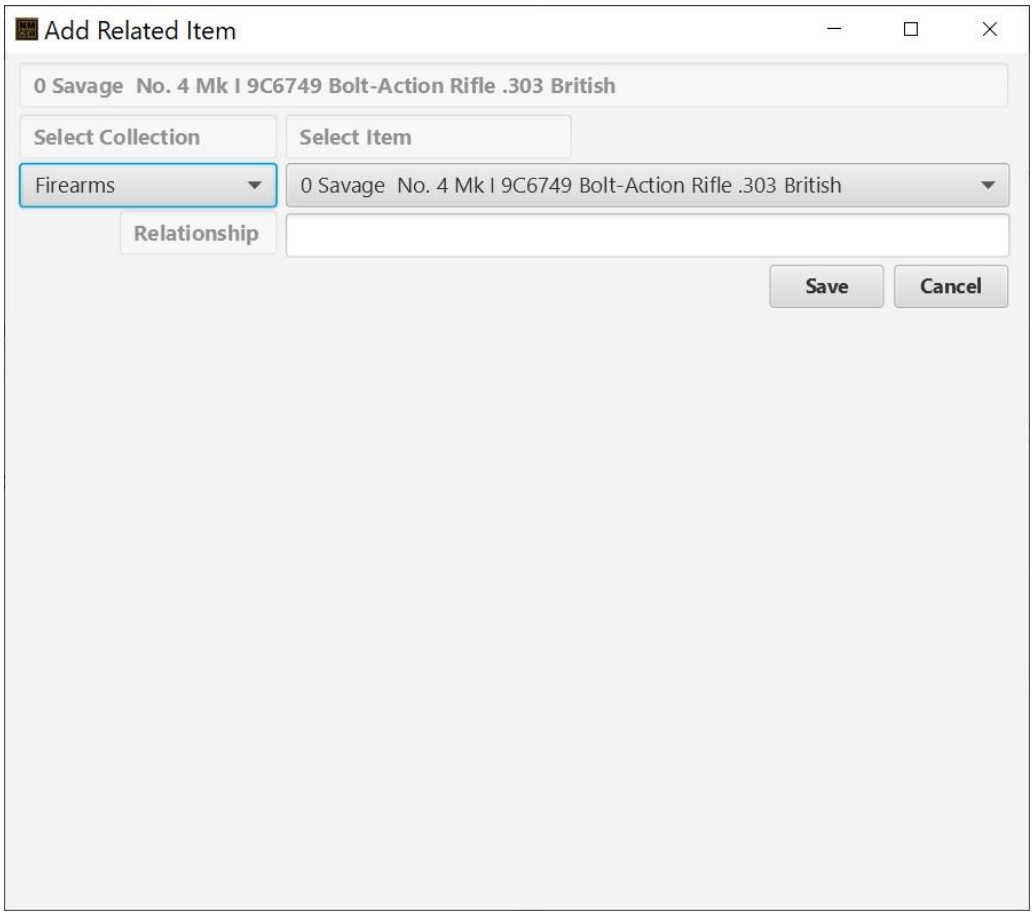


FIGURE 11 Add Related Item page.

Here you can specify a new related item for the selected item.

Maintenance Page

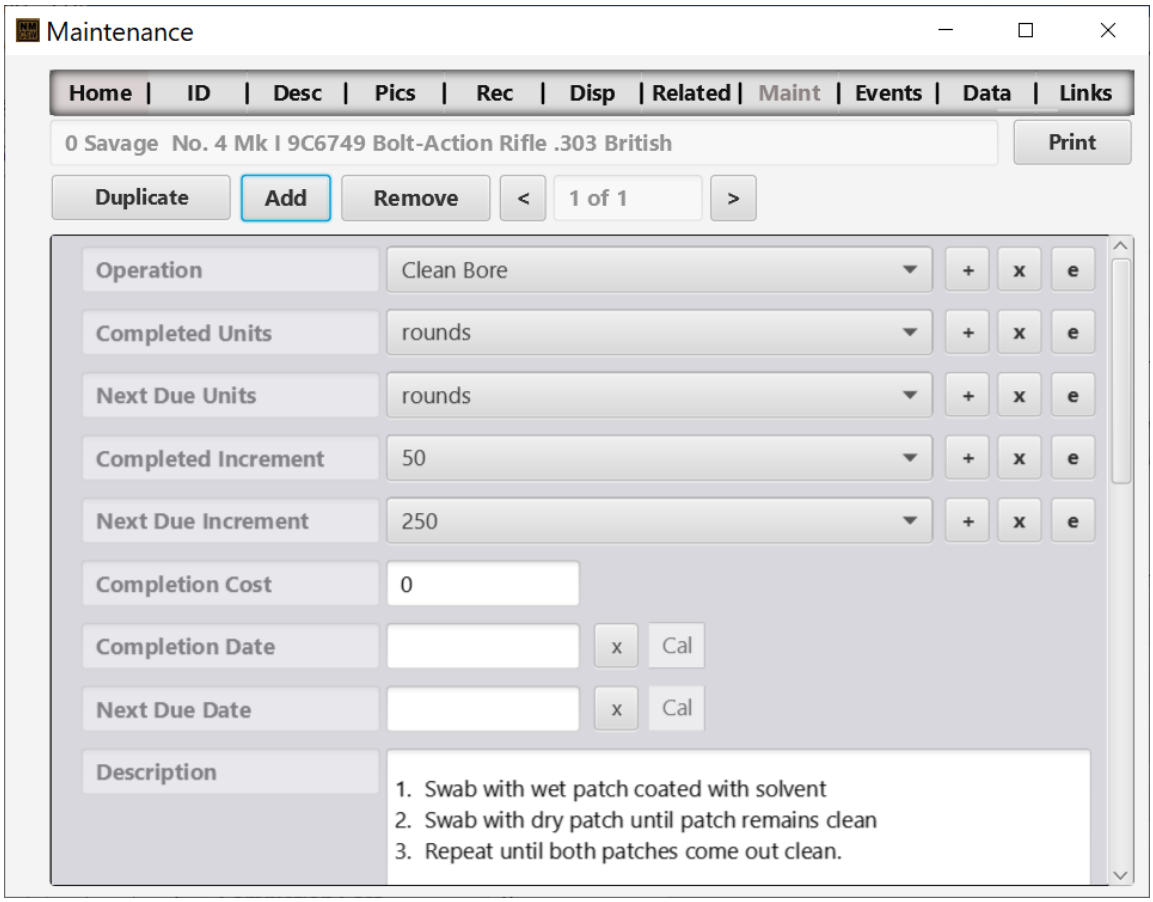


FIGURE 12 The Maintenance page.

Capture one or more maintenance tasks and associated data for the selected item.

Duplicate (Maintenance) Button

Use the duplicate button when you want to complete a maintenance operation. That way you do not have to re-create previously defined maintenance operations each time you repeat them.

Add (Maintenance) Button

This allows you to add a new maintenance operation with detailed tasks. Once entered the duplicate button described above can be used to capture every time the maintenance is performed.

Remove (Maintenance) Button

This will delete the current maintenance operation.

Maintenance Scroll Bar

You can scroll through maintenance records using the "<" and ">" buttons located on either side of the current maintenance record field which shows up as a number representing the current maintenance record "of" a number representing the total number of maintenance records. Maintenance records are stored in reverse chronological order so the most recent records are displayed first.

Events Page

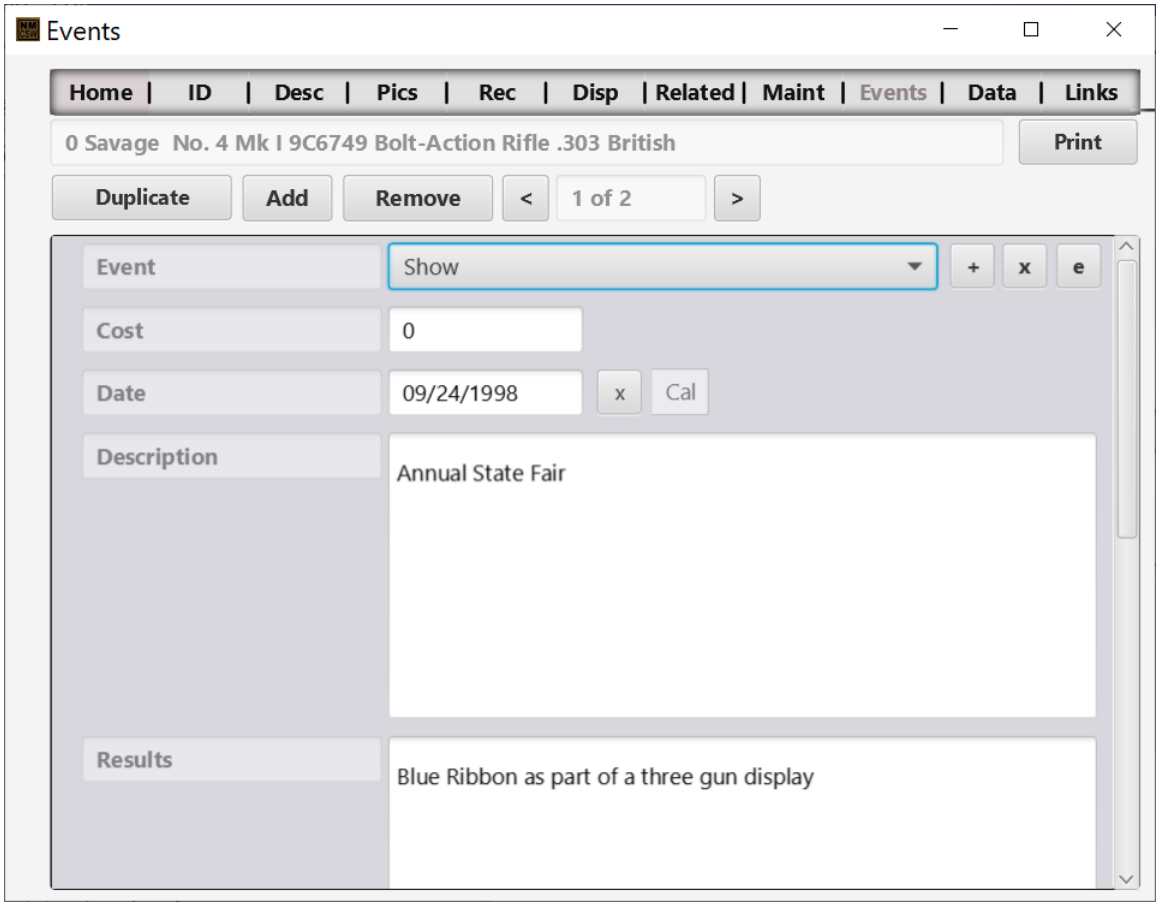


FIGURE 13 The Events page.

Capture one or more events and associated data for the selected item. This is essentially the same page as the Maintenance page covered earlier.

Data Sheet Page

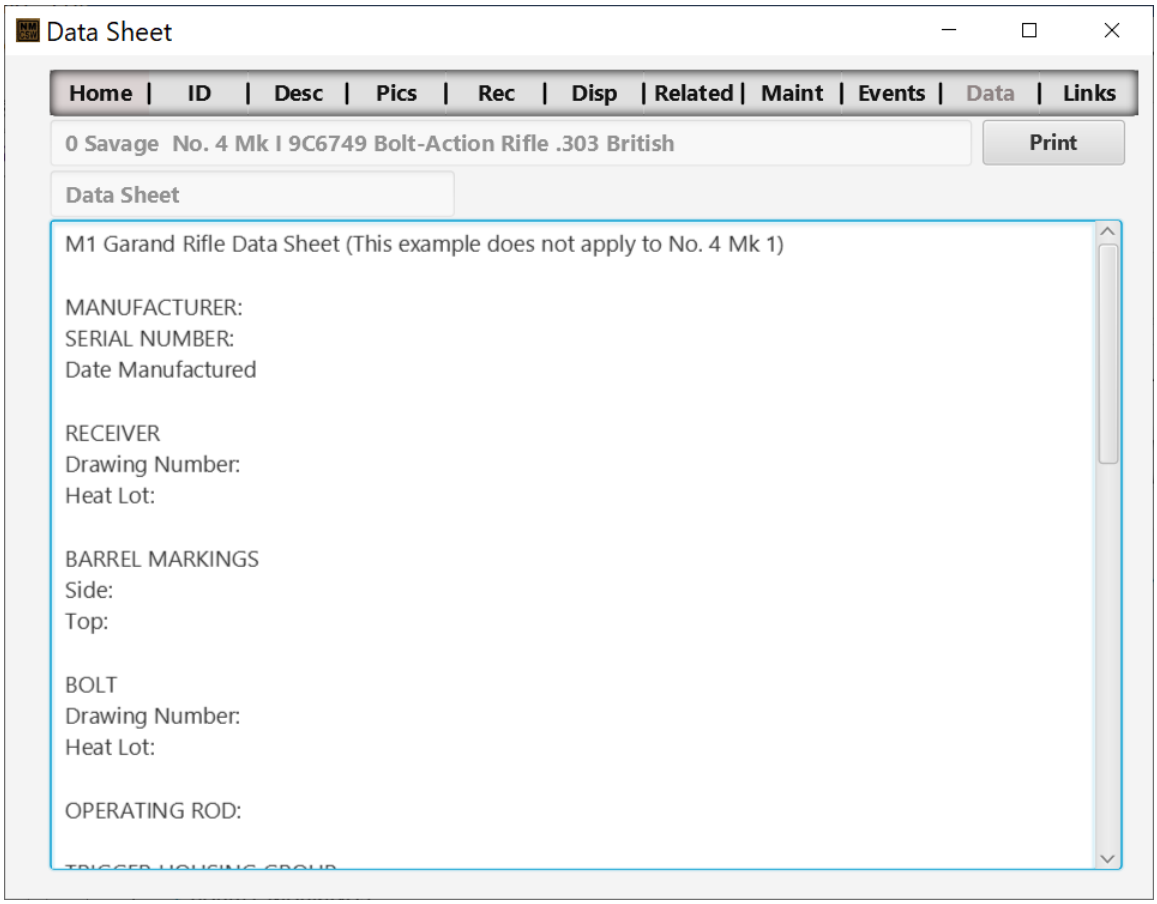


FIGURE 14 The Data Sheet page.

Data Sheets are a popular way to captured detailed data on components of U.S. World War II firearms which were manufactured with interchangeable parts by design. From a practical perspective, this is nothing but a really big free form field for you to enter whatever data you want.

Links Page

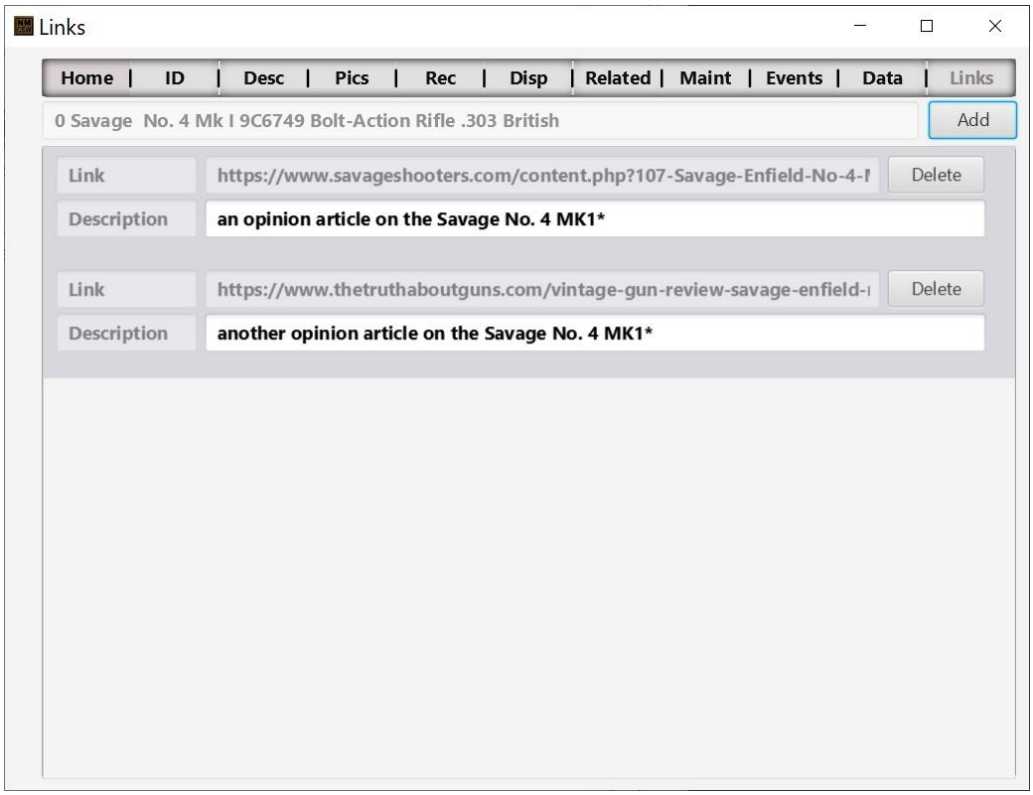


FIGURE 15 The Links page.

Add links to anything! This will capture whatever link you add and open the link when you click on it. You can add links to web pages, documents (including word, pdf, etc.) and even pictures.

Add (Link) Button

Navigate to any and select it. You can also drag and drop any file or web page.

Add a description if you want.

Add Link Page

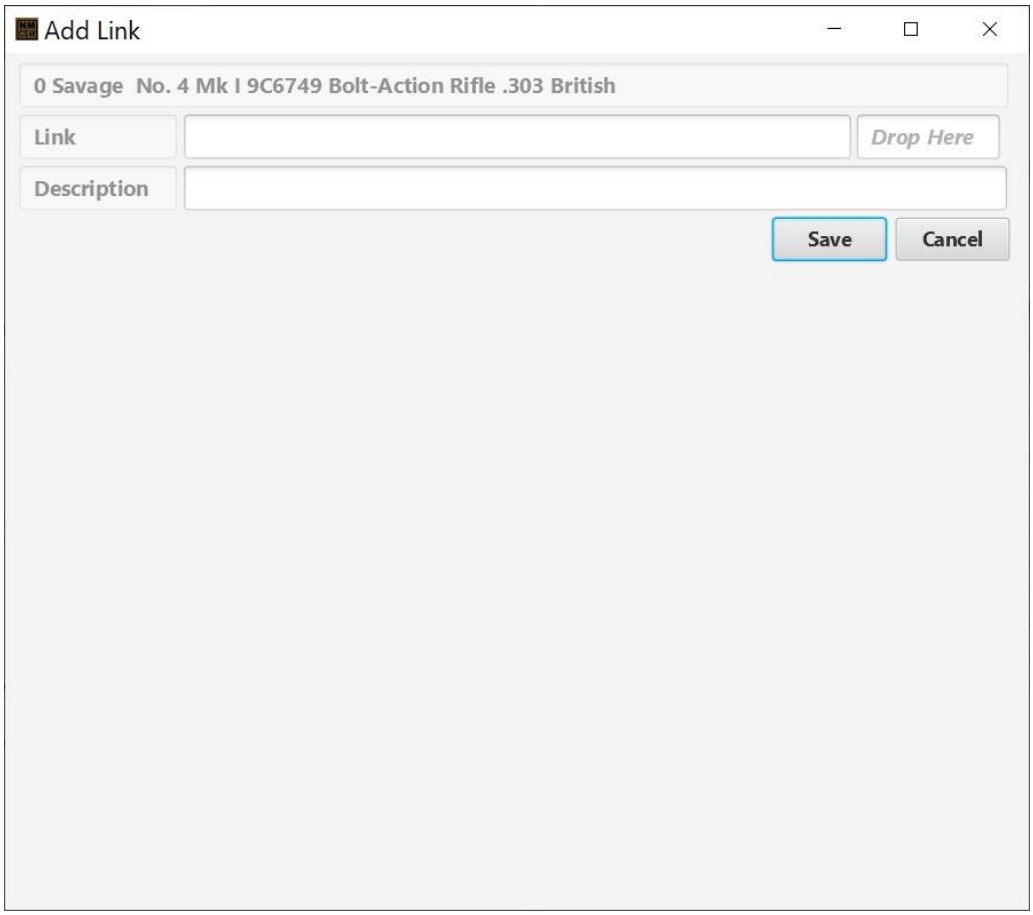


FIGURE 16 Add Link page.

Copy and paste or drag and drop to add a link to the currently selected item.

Drag and Drop Link

You can drag a link from anywhere and drop it in the "Drop Here" field.

Features Available Through the Menu

The menu provides many features to enhance and support general operations.

Features and functionality available through the menu are described here. These do not logically fit in the general operations but are very important for configuration, data transfers, backup, and recovery.

Export Menu

When exporting data, please keep in mind that the [Help > About] menu item will open the About page (see discussion elsewhere) which will show you where the files are exported to. This location varies by operating system.

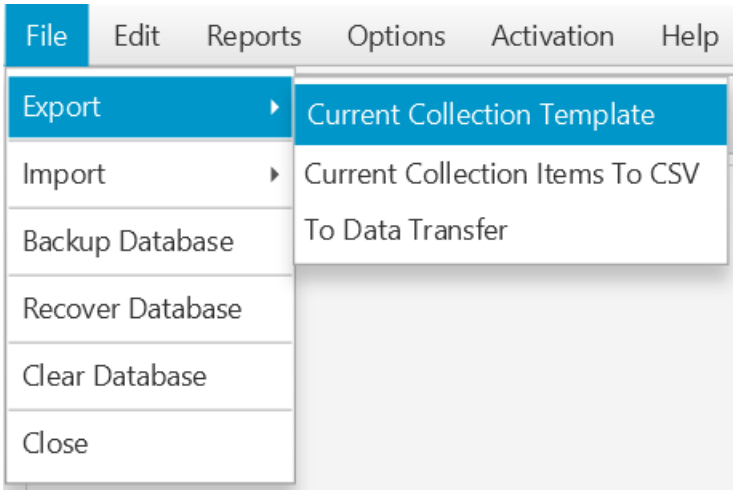


FIGURE 17 File > Export > …

Current Collection Template

This is how you export your collection template which defines all of the field names for a collection. This is a good way to share your collection template definitions with other users who can import your template for their own use.

Current Collection Items to CSV

You can export all of the data for the currently selected item to a .csv file which is compatible with Excel and other spreadsheet programs. Pictures associated with each item will be stored in a pictures folder named after the item number. The item number is a behind the scenes number that you do not see in the user interface and is used to uniquely identify each item.

Export To Data Transfer

Use this feature along with the corresponding import to "synch" your data on all of the platforms (Windows, Mac, Linux, iOS, Android) you use. This exports your database and all associated pictures in a new folder named CP_Data_Transfer which you can copy from one platform to another for importing to the other platforms.

Import Menu

When importing data, please keep in mind that the [Help > About] menu item will open the About page (see discussion elsewhere) which will show you where files were exported to. This location varies by operating system.

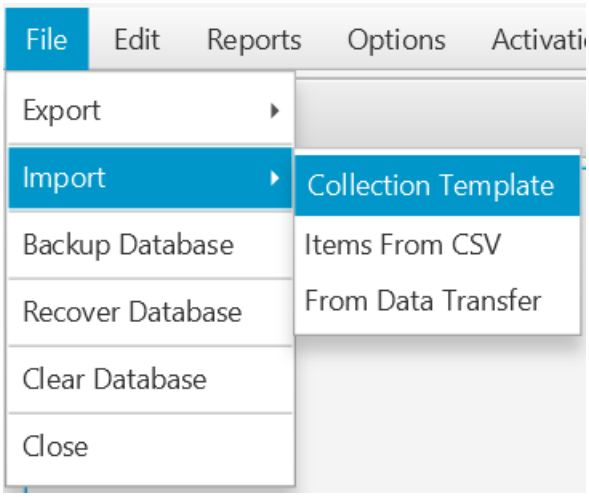


FIGURE 18 File > Import > …

Collection Template

This allows you to import collection definitions exported by you or others into your copy of NM Collector CP.

Items From CSV

Use this feature to import data that was exported from NM Collector CP. You can use this to transfer data from one operating system to another. This is also used along with the NM Collector JE to CP Data Migration tool to import JE data into CP.

From Data Transfer
Use this feature along with the corresponding export to "synch" your data on all of the platforms (Windows, Mac, Linux, iOS, Android) you use. This imports your database and all associated pictures. It requires the folder named CP_Data_Transfer which you create with the Export > To Data Transfer feature.

Reports Menu

Note: These are not available in mobile apps.

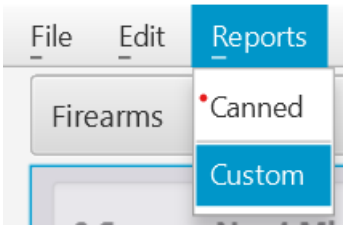


FIGURE 19 Reports

Selecting the Reports menu option will allow you to select Canned or Custom Reports (discussed earlier).

Backup Database Menu

Note: Backup Database is not available in mobile apps. Use Data Transfer instead.

FIGURE 20 Backup Database

Selecting this menu option will save the database to a location that you specify. There is also an automatic backup that happens whenever you start the program. This automatic backup can be disabled in the [File > Options] menu.

Recover Database Menu

Note: Recover Database is not available in mobile apps. Use Data Transfer instead.

FIGURE 21 Recover Database

Selecting this menu option will allow you to navigate to a location where a database backup is stored so you can recover to that database. The default location that opens is where the automatic backups are stored. You can select the backup you want based on the date and time when the backup was saved. You can also navigate to a different location if you manually saved a backup. The database you select will replace your current data so choose wisely.

Note: The program will shut itself down after recovery.

Edit Menu

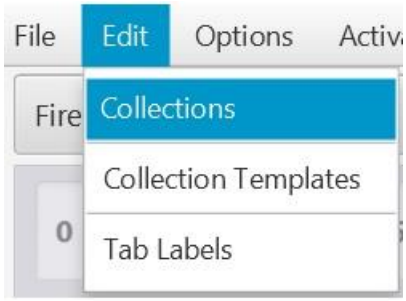


FIGURE 22 File > Edit > …

Edit Collections

Opens the Edit Collections Page (see below)

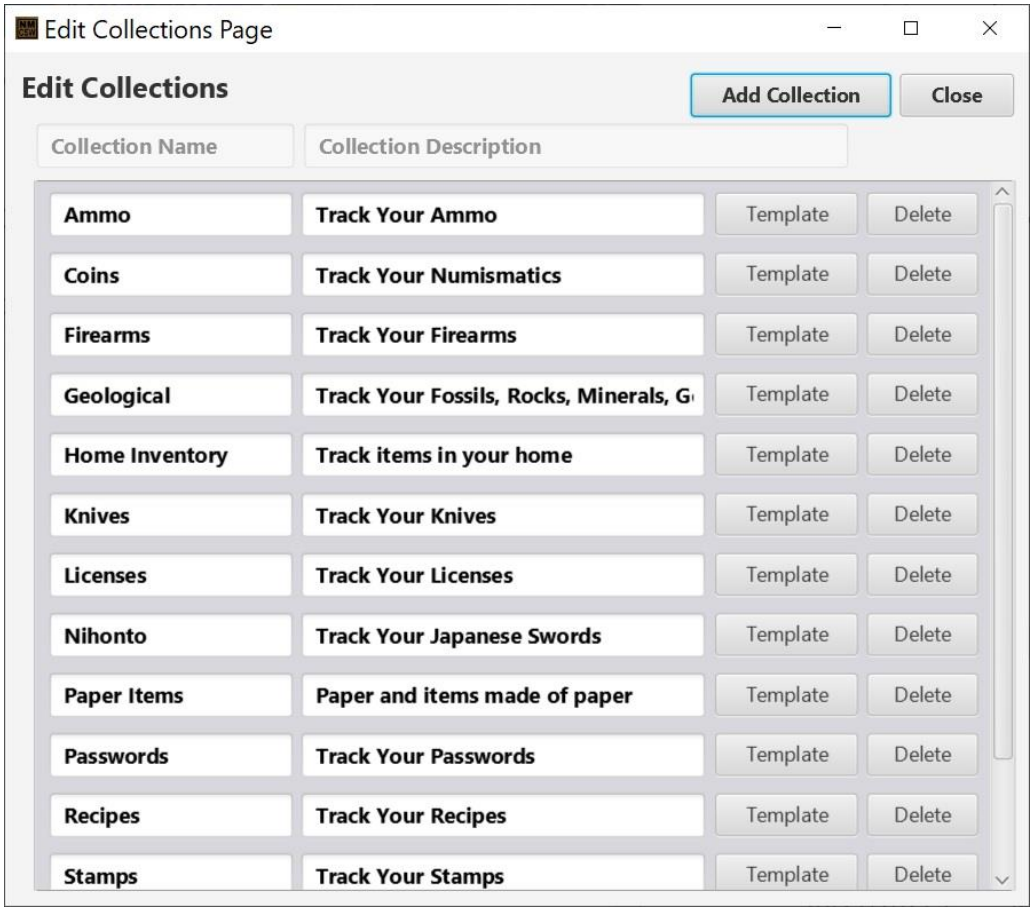


FIGURE 23 Edit Collections Page. Click the Template button to edit the collection template (See below)

Edit Collection Templates

Opens the Edit Template page (see below).

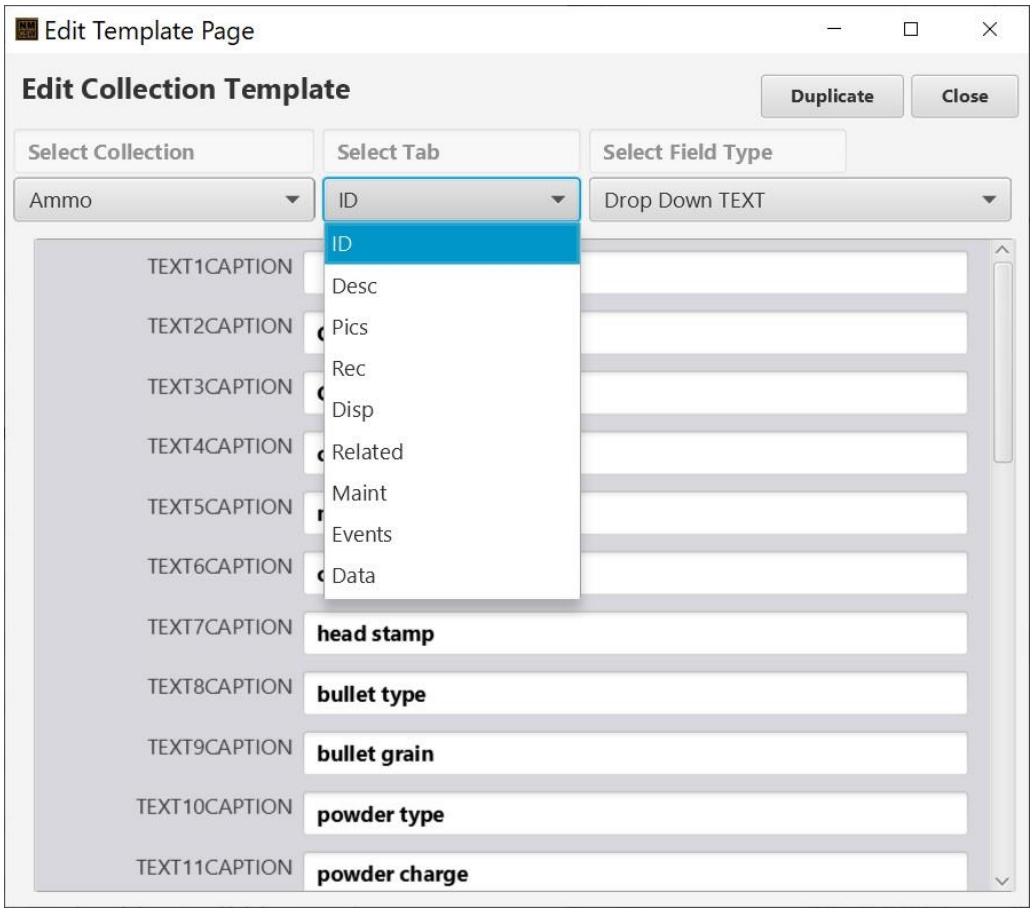


FIGURE 24 Edit Collection Template Page. Here you can edit any caption for any field on any tab. Remember the field types discussion above? The far right drop down allows you to select the field type that you want to edit the captions for.

Edit Tab Labels

You do not like the current tab labels? You can change them to whatever you want here. Keep them short so they fit in the tabs!

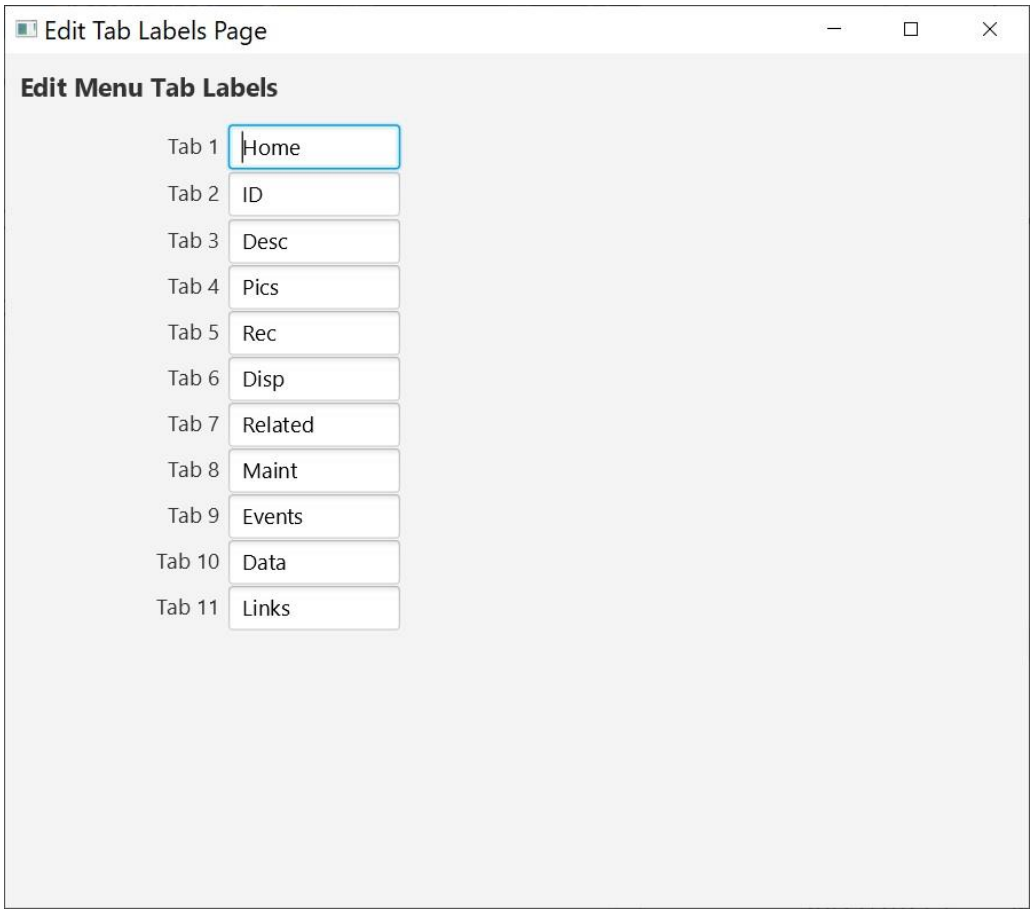


FIGURE 25 Edit Tab Labels.

Options Enable/Disable Backups

Automatic backups are enabled by default but they can be disabled through this menu option. After they have been disabled you can go back here to enable them.

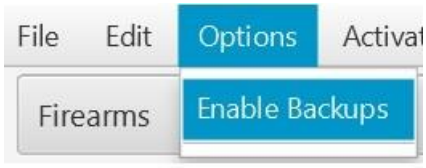


FIGURE 26 Options > Enable/Disable Backups.

Activation Menu

Here you can [View] the status of your activation, open the eCommerce site to [Purchase] an activation, and [Apply] a purchased activation after you have downloaded it from the activation email you will receive after purchase. If a new activation is applied, the activation file will be loaded and the expiration date will be updated to match the current subscription.

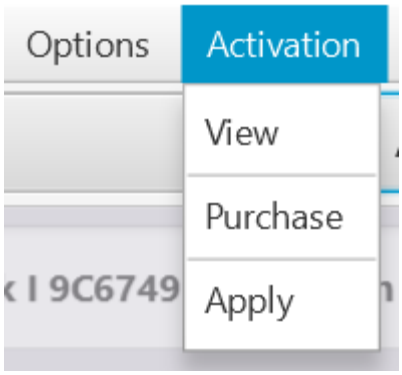


FIGURE 27 Activation.

Help > About Menu

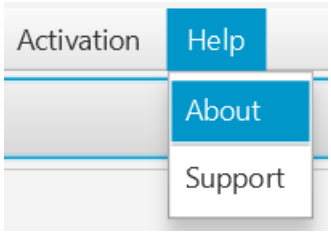


FIGURE 28 Help Menu options.

About Page

This is a very useful page when you are trying to figure out where certain files exist on your system. One of the most important ones is the Exports directory. This is where you go to find exported data.

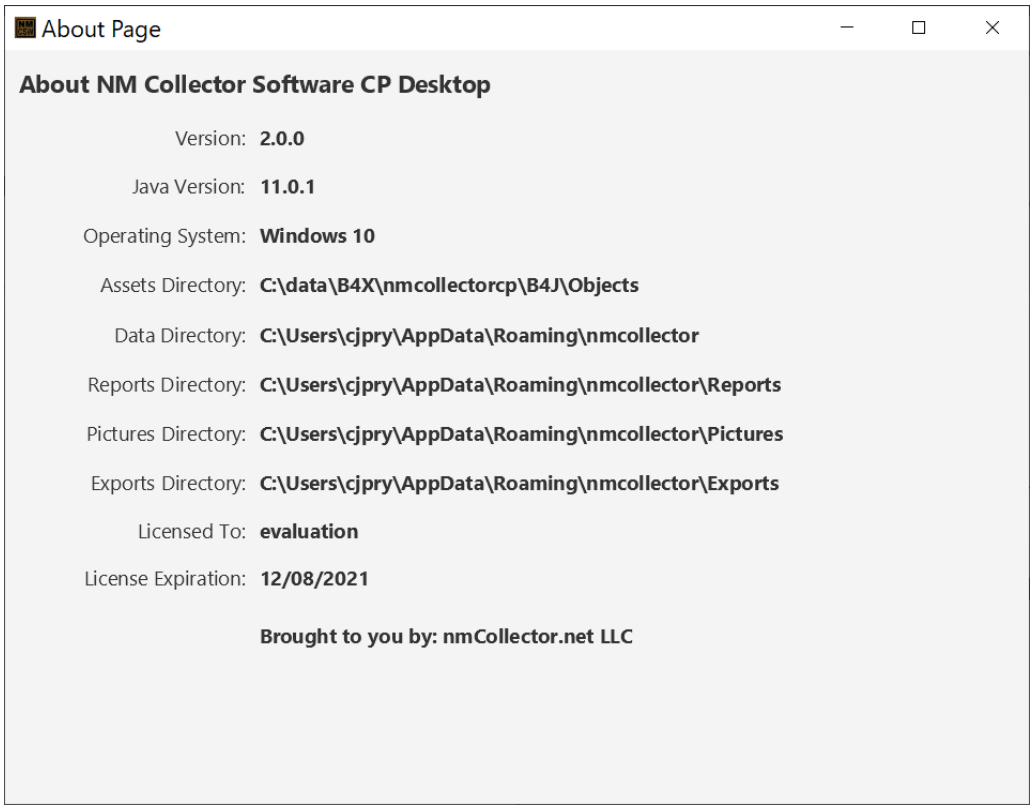


FIGURE 29 About Page.

Support

Sends you to the NM Collector CP support site.

Companion Apps

General

Complimentary Mobile apps have been developed for both Android and iOS devices. File management tools on these devices can be used to transfer data to and from the desktop applications and/or between devices. Some general considerations for all mobile apps include the following:

- Although you can export the collection template and values (for use in the Desktop app), you cannot import them. Use the Data Transfer import instead to bring in the entire database and all definitions.

- When using the Print button on a tab, the mobile apps do not automatically open a web browser. You must first save the report to your file system and then use your file system browser to navigate to it and open it.

iOS

The iOS app conforms to Apple standards for iOS apps so it should feel familiar to iOS users. Special considerations for the iOS app include the following:

- The iOS app uses hard coded directories including the Export directory. You can find the location of your Export directory using the Help > About menu item. All exports will go to this directory and all Imports access data in this directory. To transfer data into your iOS from another system, use the iOS file manager to copy the new data into the Export directory.

- Generally, that Export directory can be access through your iOS file manager as "On My iPhone > nmCollectorCP > Exports."

- Accordingly, the CP_Data_Transfer directory can be found in "On My iPhone > nmCollectorCP > Exports > CP_Data_Transfer."

- I like to use iCloud to facilitate transfers of files between the desktop application and the iOS app.

Android

The Android app conforms to Android standards for Android apps so it should feel familiar to Android users. Special considerations for the Android app include the following:

- The Android app allows you to select an external folder for exports and imports.

- Use the Android File Manager to access external folders.

- You can use the Windows File Manager to copy files to and from your Android device.

NM Collector CP Software Version History

Version 2.1 Released 03/30/2023

- Simplified transfer of data between platforms.
- Automatically convert existing 10 year activations to lifetime activations.

Version 2.0 Released 11/12/2021

- Simplified addition of new item data for large collections
- Custom (Dynamically generated) Reports
- Print Page Reports
- Fixed JE import missing pictures

Version 1.0 Released 10/25/2021

- Activation

Version 0.7 Released 10/10/2021

- Events Tab
- Maintenance Tab
- Links Tab (including capture of PDFs)
- Statistics Page

Version 0.6 Released 9/16/2021

- Move item from one collection to another
- Ensure sort order of JE exported pictures is retained when imported into CP
- Related Items Tab
- Export/Import Data
- Export Collection Template
- Import Collection Template
- Duplicate Template

Version 0.5 Released 8/16/2021

- Automated Backup (with recovery option) – can be enabled/disabled
- Better manage file selection (restrict to valid options, remember paths)
- Remember last selected collection for next time application is started
- Fix Linux bugs related to usage of File System
- Edit Tab Labels
- Edit Collections
- Edit Template Captions
- Duplicate Item
- [Help > About] with key information for support
- Set last collection viewed to open by default
- Clear Disposition in case entered by accident

Version 0.4 Released 7/15/2021

- Canned Reports
- Datasheet Tab
- Import from JE (ID, Description, Receipt, Disposition, Pictures, Data Sheets)
- Increase width of Add Pictures button on Linux
- Performance improvements for large volumes of data

Version 0.3 Released 7/15/2021

- Manage Pictures

Version 0.2 Released 6/25/2021

- Add and Delete Items
- Filter (search) items in the list
- Change the sort of items in the list
- Add to drop down lists (DDLs) values
- Identification information
- Description information
- Receipt
- Disposition

Version 0.1 Released 5/14/2021

- Technology and general architecture proof of concept.