

Clarif FileMaker Pro 19.6.1 Release Notes

December 2022

This software updates FileMaker Pro 19 to version 19.6.1, adds new features and enhancements, and addresses issues. If you are unable to successfully update to FileMaker Pro 19.6.1, search the Knowledge Base for installation information.

New features and enhancements

Transactions

- You can use the following new script steps to commit or revert all changes in a transaction together. A transaction consists of changes to one or more records in the current window. Transactions support creating new records, editing records, and deleting records.
 - **Open Transaction:** Starts a transaction; subsequent record changes are held in the transaction until a Commit Transaction or Revert Transaction script step is performed.
 - **Commit Transaction:** Saves all record changes and ends the current transaction.
 - **Revert Transaction:** Returns all records changed in the transaction to their original state and ends the current transaction.

macOS Ventura

- FileMaker Pro supports installation on macOS Ventura 13.

Sign in with Apple

- Sign in with Apple (Apple ID) is now available as an authentication option when opening a file.

Script steps

- The new Set Dictionary script step allows you to specify the language and dictionary to check spelling in a file.

Functions

- The new Get(TransactionOpenState) function returns 1 (true) if called within an open transaction; otherwise, it returns 0 (false).
- The new Get(CurrentTimeUTCMicroseconds) function returns the current time in Coordinated Universal Time (UTC) to the nearest microsecond.
- The Get(LastExternalErrorDetail) function is renamed to Get(LastErrorDetail) and additionally returns the text of transaction error information, including script name, step name, and line number when it is evaluated after a Commit Transaction script step.
- The new Get(LastErrorLocation) function returns the location of errors that are returned by the Get(LastError) function.

Updated libraries

- The jsonCPP library has been updated to version 1.9.5.
- The ChartDirector library has been updated to version 7.0.
- OpenSSL has been updated to version 3.0.7.

General

- The **Show sign-in fields even when OAuth or AD FS is enabled** file option is now enabled by default for newly created files.
- Context menus for interactive container fields can now be disabled in the Inspector's Data tab in the Data Formatting area.

- In Preferences in the General tab, you can now delete cached temporary files.
- The new Tools menu > Create Add-on command allows you to create an add-on without using the Save a Copy as Add-on Package script step. This command lets you specify information about the add-on, creates the add-on package, and saves it where you can then install and use it in an app. This feature is incomplete but available for preview and should only be used for testing purposes.

To create an add-on with this command:

1. In Layout Mode, name the layout "__FMAddOnTemplateDirectives_en".
2. Select multiple objects on the layout.
3. Choose Arrange menu > **Group**.
4. With the group selected, choose Tools menu > **Create Add-on**.

Addressed issues

Windows

- When using the Insert from URL script step and the `--cookie-jar` cURL option, the cookie data was not returned.
- When custom apps contained more than 255 layouts, navigating to a layout with an ID greater than 255 caused the last layout in an app to load instead of the expected layout. The limit is now 1020 rather than 255.
- The Insert from a URL script step failed when using a cURL option with the LDAP protocol.
- Rendering performance was slower than in FileMaker Pro 18.
- In the Script Workspace, importing a script containing errors when no script was open caused two script tabs to open and could cause the application to close unexpectedly if the script was deleted or the script tabs were closed.
- FileMaker Pro intermittently quit unexpectedly when dragging files to a web viewer.
- Container fields set to automatically play audio or video were not automatically playing.
- Button parameters incorrectly displayed only the value of the first parameter when you changed the value in one button and navigated to the next button using the Button Bar Setup dialog box.

macOS

- Using the Command-Z keyboard shortcut while in some dialog boxes cause FileMaker Pro to quit unexpectedly.
- Popover titles were sometimes missing when opened for the first time on a layout.
- Keyboard shortcuts were different when using a keyboard with a non-US layout.
- Dragging an Assisted Install.txt file to FileMaker Pro unexpectedly reverted the application to Trial mode.

Windows and macOS

- Importing records using the Import Records script step with the Specify import order option specified caused FileMaker Pro to quit unexpectedly.
- When the Trim function was used within the List function, the Trim function didn't remove beginning or trailing spaces.
- When opening a local file using the Open URL script step with a URL such as `fmp://filename.fmp12`, a prompt requested if the file should be added to the permitted host list, even though the file was not hosted remotely.


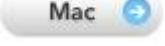
- Web Viewers defined as buttons did not function as buttons.
- Using the Enter, Delete, Tab, or Backspace keys while pressing mouse buttons to select a value in a drop-down list caused the "Assertion Failed" error message to appear.
- If a user's account name was longer than 31 characters, it couldn't be entered in Preferences as the user name to automatically fill in the sign-in dialog box.
- The conditional formatting badge might not have been shown for button bars embedded in popovers or slide controls.
- The Open Record/Request script step failed to return an error if the focus was in a global field and when a record was already open in another window.
- The Open Record/Request script step incorrectly returned error 101 if the focus was in global field.
- The GetThumbnail function incorrectly returned the full width and height values if the specified width or height was larger than the width or height of the original image.
- The FedEx preset URL in the WebViewer Setup dialog box was incorrect.
 - **Previous value:** "http://www.fedex.com/Tracking?" & "tracknumbers=" & ""
 - **New value:** "https://www.fedex.com/fedextrack/?" & "trknbr=" & ""
- The Execute FileMaker Data API script step sometimes returned the incorrect found count.
- The Base64EncodeRFC function incorrectly returned its result as a number rather than as text.
- Using the Save a Copy as XML script step or command to create XML files greater than 4GB caused FileMaker Pro to quit unexpectedly.
- PDF files with path names longer than 255 characters displayed icons with error messages instead of their content when viewed in interactive container fields.
- Styles for layout parts couldn't be copied and pasted.
- Enabling indexing for a field in the Manage Database dialog box incorrectly altered the modification counts on all records.
- FileMaker Pro quit unexpectedly when opening a file with an fmp URL.
- While starting, FileMaker Pro quit unexpectedly if the license certificate data was corrupted.
- Copying and pasting a button on a layout cleared the tab order of the pasted button.

Known issues

- macOS 13: Animation in the Script Workspace window may not be smooth.
- macOS 13: Card windows may not display correctly after being minimized and restored when using Stage manager.
- macOS 13: When printing, the **Current Record** option is ignored; the **Pages** option is used instead.
- Within transactions, aggregate functions like List and Count don't have access to records modified within the transaction and only provide information for records that are not part of the transaction.

Documentation errata

- The new Get(CurrentTimeUTCMicroseconds) function is missing from Claris Pro and FileMaker Pro Help. This function is similar to Get(CurrentTimeUTCMilliseconds) except that the return value is given to the nearest microsecond.

Platform	Product	Updates Version	Download	Languages
Windows	FileMaker Pro 19	19.0.0 19.5.4	FileMaker Pro 19.6.1 Updater (setup.exe) 	English French Arab Hebrew Indian Thai
macOS	FileMaker Pro 19	19.0.0 19.5.4	FileMaker Pro 19.6.1 Updater 	

APIs, technologies, or features to be deprecated

As FileMaker Pro evolves, the list of supported technologies, APIs, and features will change. As part of this evolution, certain operating systems versions, hardware, and features may be deprecated in favor of newer ones. Although deprecation does not mean the immediate deletion of an item, you should migrate your solution away from deprecated technologies, because these technologies may be removed in a future version of the product.

For the latest information about deprecated APIs, technologies, and features, search the Knowledge Base.