

Feature Rich

Todd Weller

Cross I.T. Services & Solutions



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9:15 am – 10:30 am

[Full Access] 

Who is Todd Weller?

While working...

Senior Data Systems Architect with Cross I.T. Services and Solutions

User and developer for 20+ years, starting with FileMaker 6

Claris FileMaker Certified Developer

While playing...

Roller coaster enthusiast

Musician i.e. singer and trombone player

Distance runner i.e. 10Ks and half-marathons with a few marathons thrown in

Collector i.e. LEGO Star Wars sets and comic books

Session Expectations

This session is...

An introduction to let you know what is possible.

Focused on Claris FileMaker Pro 2025.

This session is not...

A detailed explanation.

Feature Classifications

Big Thunder Mountain Railroad

The under-the-hood feature or update

Solid feature / update

Expedition Everest – Legend of the Forbidden Mountain

Typically a user-facing feature/update

More exciting to implement



Feature Classifications

Guardians of the Galaxy: Cosmic Rewind

Aimed at developers

The feature we've been waiting for

Velocicoaster

Artificial Intelligence

What!? We can do that now!?



Claris FileMaker 2025

Version 22.0.2

[Full Access] 

22.0.2

Expedition Everest

01 FileMaker Pro 2025 and FileMaker Pro 2024 can now be used on the same system at the same time.

02 FileMaker Pro now saves product information to a shared location instead of the Windows registry, eliminating the need for administrator privileges and preventing unnecessary User Access Control prompts when starting the application.

Clarif FileMaker 2025

Version 22.0.1

[Full Access] 

22.0.1

Big Thunder Mountain Railroad

03 ANTLR has been updated to version 4.13.1.

04 date has been updated to version 3.0.3.

05 International Components for Unicode (ICU) has been updated to version 76.1.

06 iODBC has been updated to version 3.52.16.

07 JSON Web Token C++ library (jwtcpp) has been updated to version 0.7.0.

08 libxml2 has been updated to version 2.13.5.

22.0.1

Big Thunder Mountain Railroad

09 libxslt has been updated to version 1.1.42.

10 OpenCV has been updated to version 4.11.0.

11 PDF-Writer has been updated to version 4.6.6.

12 PDFium has been updated to version 6957.

13 Skia has been updated to version 126.

14 speller has been updated to v22 .

22.0.1

Big Thunder Mountain Railroad

- 15 ZBar has been updated to version 0.23.93.
- 16 References to "Microsoft Azure AD" have been updated to "Microsoft Entra ID".
- 17 Theme recovery has been improved to handle cases where a theme becomes corrupted or is missing.
- 18 The new Update layouts when the schema changes option controls whether layouts update to match changes made in the Manage Databases dialog.
- 19 Use of the OpenSSL library is now optimized with additional compiler flags, reducing the loading of deprecated components.
- 20 When using Save a Copy as XML, the root FMSaveAsXML element of the XML file now includes a Has_DDR_INFO attribute.

Update layouts when the schema changes

Found on the Layout tab in Settings

FileMaker Pro > Settings... on macOS

Edit > Settings... on Windows OS

Interesting things of note

The existing Add newly defined fields to current layout setting is still available to select separately.

This new option is unselected by default.

Demo

22.0.1

Expedition Everest

21 On macOS, the Home window has undergone a redesign.

22 For FileMaker Cloud users, the My Apps window is now the FileMaker Cloud window.

23 The Status Tool Bar has been refreshed with updated icons.

24 In layout mode, the Status Tool Bar also has more options for customization.

25 The Objects pane (left) and the Inspector (right) have also been given a fresh look.

26 On macOS, system-wide light and dark appearances are now supported in Table view.

22.0.1

Expedition Everest

- 27 The enhanced user experience includes a new Comfortable formatting option in Table View.
- 28 Additional options in the Table View Properties dialog let you use alternating row colors and add row numbers.
- 29 The Add Account, Delete Account, and Enable Account script steps now support OAuth and external server account types.
- 30 Table comments can be added in the Manage Database dialog, making it easier to document table structure and purpose.
- 31 The Replace Field Contents script step now has a Perform auto-enter options for fields option
- 32 The length limitation for the Insert Text script step has been increased to 250,000,000 characters.

22.0.1

Expedition Everest

- 33 Upgrade from the latest version of the previous major release to the current major release.
- 34 On Windows OS, installing the latest major version of FileMaker Pro replaces the previous version.

Demo

22.0.1

Guardians of the Galaxy

- 35** Easily display and update FileMaker data via Claris Studio views by adding tables from the hosted app as FileMaker data sources in Claris Studio.
- 36** In the Manage Database dialog, the field list displays the data type in the Type column for the results in calculation fields.
- 37** In the Manage Custom Functions dialog, you can create, rename, and delete folders as well as arrange custom functions to keep them organized.
- 38** In Layout mode, add objects to existing groups by selecting both the group and the object to be added without needing to ungroup first.
- 39** The Script Workspace now lets you collapse and expand blocks of control script steps to provide a better overview of complex scripts.
- 40** New Go to List of Records script step goes to a layout and returns the found set specified by a list of record IDs.

22.0.1

Guardians of the Galaxy

- 41 New `GetRecordIDsFromFoundSet` function returns record IDs from the current found set as a list or a JSON array.
- 42 New `GetTextFromPDF` function returns the text found in a PDF file in the specified container field.
- 43 New `JSONParse` function parses text as JSON data and keeps the parsed JSON representation in memory.
- 44 New `JSONParsedState` examines the input passed into it to determine whether it has parsed JSON data as part of it or not.

Go to List of Records

Options

List of record IDs

Show records using layout

Show in new window option

Animation

Supports three formats for the List of record IDs

Carriage-return separated list

JSON array of IDs

An array of JSON objects with a `recordId` key-value pair

GetRecordIDsFromFoundSet

Returns record IDs from the current found set as a list or a JSON array

The returned record IDs can be used with the Go to List of Records script step

If no records are found, this function returns an empty result in the specified format

type parameter

ValueNumber or 0 = List of values separated by carriage returns

JSONString or 1 = JSON array of values as strings

JSONNumber or 2 = JSON array of values as numbers

ValueNumberRanges or 3 = List of values with ranges

JSONStringRanges or 4 = JSON array as strings with ranges

JSONParse

Parses text as JSON data

Keeps the parsed JSON representation in memory for reuse with other JSON functions

`json` parameter

Any text expression or field that contains a JSON object or array

The result

Returns the original text unchanged if json is valid,

Returns an error message if invalid

JSONParsedState

Returns the parsed state of the JSON

`json` parameter

Any text expression or field that contains a JSON object or array

The result

0 if JSON is not parsed

-1 if parsed but invalid

Positive number (1-6) representing the JSON type if parsed and valid

Demo

22.0.1

Velocicoaster

- 45 Anthropic is now supported as a model provider in the `Configure AI Account` script step.
- 46 The `Insert Embedding in Found Set` script step now includes the `Continue on error` option.
- 47 The `Insert Embedding in Found Set` script step now includes the `Show summary` option.
- 48 The `Perform Semantic Find` script step offers improved performance and the ability to specify an image to query by.
- 49 New `Perform SQL Query by Natural Language` script step sends a prompt and schema to a model, which sends back an SQL query.
- 50 New `Perform Find by Natural Language` sends a prompt and a list of fields to a model, which returns a find request, and performs a find.

22.0.1

Velocicoaster

- 51 New Generate Response from Model script step gets a text response from an AI model given a user prompt in natural language.
- 52 New Configure Prompt Template step sets up a prompt template to use by name in other AI script steps, given a provider and predefined prompts.
- 53 New Configure RAG Account script step sets up a retrieval-augmented generation (RAG) account to use by name.
- 54 New Perform RAG Action script step sends a prompt to, or adds and removes data from, a RAG space on the AI Model Server.
- 55 New Fine-Tune Model script step fine-tunes a base model on the AI Model Server with your own training data set.
- 56 New Save Records as JSONL script steps saves records to a specified JSONL file.

22.0.1

Velocicoaster

57 New `Configure Regression Model` script step trains, saves, loads, and unloads a regression model.

58 New `GetFieldsOnLayout` function returns a list of the fields on a layout as JSON data.

59 New `NormalizeEmbedding` function normalizes an embedding vector to unit length.

60 New `AddEmbeddings` function adds two embedding vectors and returns the result as a normalized vector.

61 New `SubtractEmbeddings` function subtracts embedding vector v2 from v1 and returns the result as a normalized vector.

62 New `PredictFromModel` function returns the predicted value from a trained regression model for the specified text embedding vector.

[Full Access] 

22.0.1

Velocicoaster

- 63 New GetRAGSpaceInfo function returns information about the specified RAG space or all RAG spaces, if no space ID is specified.

Get Response from Model

Q & A

[Full Access] 

Thank you.

This session does have updates.

[Full Access] 