

D-104 Gellert Rotunda

Tales from Under the Hood:

- FileMaker clipboard metadata valuable ways to use FileMaker's private data types.
- The value of ODBC Communicating with FileMaker databases like a SQL database.



FileMaker Clipboard Data:

- ▶It started with a conversation I had with Todd Geist at DevCon.
 - Did you know that FileMaker puts a lot of interesting info onto the clipboard?
- This conversation started my journey into exploring FileMaker clipboard objects.
- ►I have used the private clipboard data functionality extensively to build tables, value lists, custom functions, layouts & scripts.
- ► Access, Visual FoxPro, SQL Server & MySQL to FileMaker
- ► FileMaker Table Consolidation or Rebuild projects

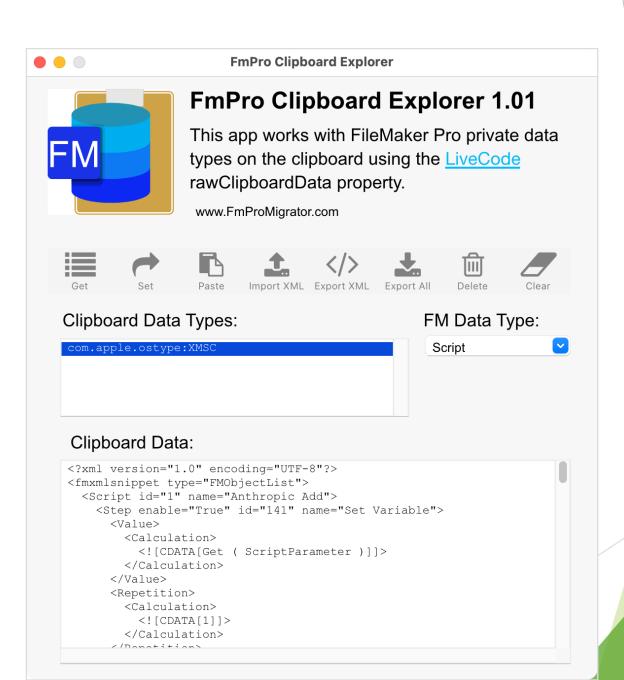


FileMaker Clipboard Data:

- Last year, this video from Todd showed performing script generation with Anthropic Claude models.
 - Offscreen he is using some type of tool to set the clipboard.
 - https://www.proofgeist.com/blog/2024/09/05/exploring-generative-ai-with-filemaker-and-having-a-blast/
 - So I built a cross-platform tool (macOS/Windows) everyone can use...

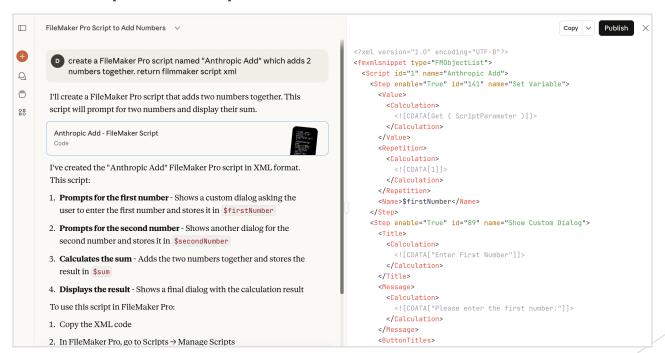


[Full Access] Quick Demo:



LLM Generated Script:

- Copy LLM Generated XML via web or App Paste Button or Command+V / Control+V
- ► Set Button or Command+C / Control+C
- ► Paste into Script Workspace within FileMaker



Clipboard Wishlist:

- Copying the contents of the Relationship Graph?
- ► Is this hard for Claris to implement?
- ► How might we use this feature?
 - Rebuild an entire solution.
 - Build a FileMaker solution from other databases: Access, Visual FoxPro, MySQL, SQL Server
 - ▶ Build relationships much faster than using AppleScript.
 - Build relationships cross-platform not dependent upon running AppleScript on macOS.



Discussion

FileMaker ODBC/JDBC:

- ► ODBC instead of CSV/TAB imports.
- Examples:
 - Access, Visual FoxPro, SQL Server & MySQL to FileMaker
 - Most Access/VFP to FileMaker conversions aren't running FileMaker Server.
 - Create/Drop/Truncate Temp Tables
 - Update Existing Records
 - ► [Example: Update Container Fields]

FileMaker ODBC/JDBC:

- Drop Columns in FileMaker tables [Unstored Calc/Summary, Global Fields)
 - Consider: Dependencies between scripts/fields/calcs.
 - Programmatically cycle thru fields in both directions.
- ► Tools: Mirror Sync, LuminFire BrilliantSync, FmPro Migrator, Tableau Connector for FileMaker by Beezwax,

FileMaker ODBC/JDBC Wishlist:

- ► Windows 11 ARM Support
 - Microsoft Surface Pro, Surface Laptop Devices run Windows 11 ARM software
 - Apple Silicon Parallels runs Windows 11 ARM
 - macOS 26 Last release for x86_64
- ► ODATA How does performance compare with ODBC/JDBC?
 - ► Could ODATA be used without FileMaker Server?
 - Would tools like MirrorSync be able to transfer 33GB of data in 7 minutes with ODATA instead of JDBC?



Discussion





Questions?

Pick up a card with the QR code to download the FmPro Clipboard Explorer. https://www.fmpromigrator.com/downloads/demo_software/index.html#fce

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