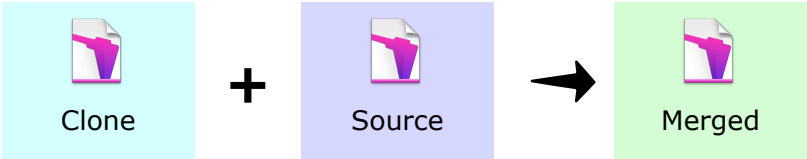The **Data Migration Tool (DMT)** is a 🖥 command line tool that creates a new FileMaker file from 2 input files that contain data and structure.

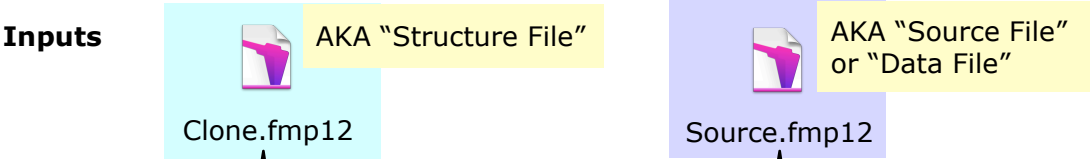Clone   **+**   Source   **→**   Merged

Works with .fmp12 files, so you can use it on systems running FM 12 and above. Start saving time and money for your customer today!

Requirements

 macOS 10.12.x and above
——— or ———
Windows QQQ and above

Inputs

AKA "Structure File"
Clone.fmp12

AKA "Source File" or "Data File"
Source.fmp12

Use Cases

Deploying new code

1. Develop new structure in a FileMaker file hosted on a staging FileMaker Server
2. Use the DMT to merge the new structure with the latest data from the production system
3. Host the new FileMaker file

Reverting damaged files

1. Recover data from a corrupted file
2. Use the DMT to merge recovered data with a clean backup clone containing structure
3. Host the new file on the production server

Clone.fmp12 (structure)	Source.fmp12 (data & misc.)	Notes
BaseTables & Fields		Tries to match on Names, then IDs, else skips
Layouts & Layout Objects		
Scripts, Script Steps, & Script Folders		
Relationship Graph		
Custom Menus		
Custom Functions		
Themes & Styles		
Script Triggers		
	Record Data	
	Indexes (of record data)	
	RecordIDs	as in Get (RecordID)
	Next serial numbers	
Fonts	Fonts (text formatting of data)	configurable option - uses Source.fmp12 by default
Value Lists (from another file)		
Value Lists (from a field)		
Value Lists (custom values)	Value Lists (custom values modified)	configurable option - uses Source.fmp12 by default
FileMaker Accounts & Encryption Key	FileMaker Accounts	configurable option - uses Source.fmp12 by default
Privilege Sets		Match on Name, then ID, else map to "Unmapped" Priv Set
Extended Privileges		
	Regional Settings	time, date, number format, etc.
	Saved Finds	specific to each AccountName

Output

AKA "Target File" or "Merged File"
(rename before hosting)
Source migrated.fmp12

Usage   FMDataMigration -clone_path <clone_path> -src_path <source_path> [<optional parameters>]

Optional parameters include:
- Credentials/Encryption key for opening the input files
- Overriding default options (listed above)
- Name of target output file
- command line output report