

# DITA to PDF publishing with DITA-FMx and FMx-Auto

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# Relationship of tools

— [ Overview of tools for automated DITA to PDF publishing

— **DITA-FMx** - Generates PDF-ready FrameMaker book and files from a DITA map

— **FMx-Auto** - Unlocks automation features in DITA-FMx

— **AutoFM** - Tells DITA-FMx and FrameMaker which files to open, process, and print

# DITA-FMx

GENERATES PDF-READY FRAMEMAKER BOOK AND FILES FROM A DITA MAP

- [ Plugin for FrameMaker providing enhanced DITA authoring and publishing features
- [ Supports FrameMaker versions 7.2, 8, 9, and 10
- [ Supports DITA 1.1 (DITA 1.2 support available soon!)
- [ Creates FM book and components from DITA map
- [ Save to PDF from FM book

# DITA-FMx publishing process

GENERATES PDF-READY FRAMEMAKER BOOK AND FILES FROM A DITA MAP

— [ Book-build process creates FM component files from top-level topicrefs in map

— [ Generated lists are added based on bookmap structure

— [ Templates, pagination/numbering properties, and map metadata applied to components

— [ Custom pagination and formatting processes can be applied to components

# FMx-Auto

UNLOCKS AUTOMATION FEATURES IN DITA-FMx

- [ DITA-FMx “addon” that enables API “CallClient” access
- [ Provides API access to FDK clients, FrameScript, ExtendScript
- [ FDK client “AutoFM” is provided as a tool for driving DITA-FMx publishing through XML-based scripting
- [ Versions: Server, Desktop-Unlimited, Desktop-250

# AutoFM

TELLS DITA-FM<sub>x</sub> AND FRAMEMAKER WHICH FILES TO OPEN, PROCESS, AND PRINT

- [ XML file lists the file to open then performs operations on that file (a DITA map in this case)
- [ XML file is passed to FM as command line parameter (can be run from any command line scripting process)
- [ FM opens XML file on startup, then performs instructions
- [ Example: 1) Open map, 2) generate book from map, 3) save book to PDF, 4) exit FM

# Demo

— [ Standard DITA-FMx book-build features

— [ Enhanced DITA-FMx book-build features

— [ Create "autofm" file

— [ Automated DITA to PDF publishing from command line

# Questions?

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— [ [www.leximation.com/dita-fmx](http://www.leximation.com/dita-fmx)