

# Cross-File Navigation & Enhanced Interactivity with TimeSavers + Navigation Assistant



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# 1 FM books converted to PDF A

**FrameMaker books can be converted to single PDFs or to multiple PDFs, where each chapter is a separate PDF (applies equally to print or Save as PDF)**




# Single PDF vs. multiple PDFs

## Entire book as a single PDF

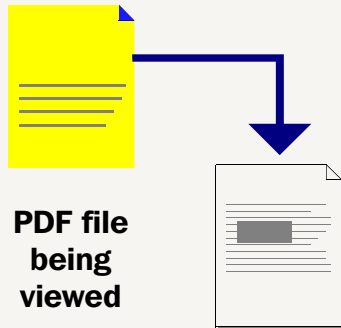
- Easier to print/download
- Usually smaller PDF size (if fonts embedded)

## Multiple chapters

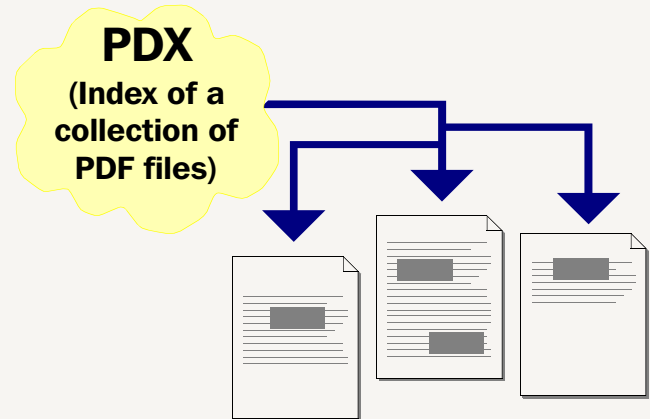
- Title bar reflects chapter title, assisting orientation as to the current location
  - Search (with meaningful titles / metadata)
  - Easier to have multiple windows open simultaneously
- 

# Find vs. Search

## Find



## Search (multi-document)



# Find vs. Search

	<b>Find</b>	<b>Search</b>
<b>Scope</b>	Current document only	Indexed document collection(s)
<b>Power</b>	Single word or phrase match	Advanced search queries
<b>Speed</b>	Slow	Instant


# Search

**Search is a powerful tool for PDF document collections. To make effective use of it, you need:**

- **Separate files for each chapter/topic/component**
- **A meaningful Document Title for each file**
- **Optional: keywords for each file**



# Nav Asst cross-file features

- **Next/previous file buttons**
  - **Next/previous page buttons that take the reader across files when at the last/first page in a file**
  - **Bookmarks to all other PDFs participating in your project**
  - **Chapter tabs, dynamic document maps**
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# Project file

- **Stores information about the files participating in the project**
  - **File**
  - **Title**
  - **Bookmark attributes**
  - **Starting page number (optional)**
- **Can be maintained in FrameMaker using cross-references (file saved as text)**





# Sample project file

\*\*\*\*\* Project Name, Date

Foundation.fm

1: A New Foundation for Leadership

/^ ^

1

\*\*\*\*\* This is a comment \*\*\*\*\*

Presence.fm

2: Deepening Centered Presence

/^ ^

10

\*\*\*\*\*

Change.fm

3: The Inner Game of Change

/^ ^

19

\*\*\*\*\*



# Additional features

**Apply to single PDFs or to a set of PDFs:**


- **Popup menus**
- **“Related PDF” bookmarks**
- **Next/Previous topic links**
- **SideLinks**
- **GetItem (link/bookmark)**



# Popup menus

- **Variable pop-up menus help avoid overloading screen/page with links**
- **Menu entries can point to:**
  - **Named destinations in current/other PDF**
  - **Web sites, web-based PDFs (or specific destinations in such PDFs), e-mail addresses**
  - **Acrobat Search with specific phrases**
  - **Acrobat JavaScript functions**

# Popup menus

- **Menu entries can also serve as headings for sub-menu items**
  - **Entries used in all popup menus are stored in a single text file and referenced during distilling**
  - **Defined with the `~more` command**
- 

# Defining menu entries

**Set up a text file with a list of popup menu definitions, using the following format:**

Item ID number (31 and higher)	Item Name	Item Action Specification	Each item definition is ended with:
123	(Goals)	(item action)	TS_SetMenuEntry

- **Based on the Bookends specification:**
  - **Items 10-19 (if defined), are placed at the beginning of the popup menu**
  - **Items 20-29 (if defined) are placed at the end of the popup menu**

# Item action specification

**Indicated by a single-letter prefix,  
followed by a colon**

<b>Action</b>	<b>Prefix</b>	<b>Required parameters</b>
<b>go to named destination in current file</b>	f:	^:destination
<b>go to named destination in another file</b>	f:	filename#destination
<b>web link</b>	u:	URL
<b>specific destination in a web-based PDF</b>	u:	URL+PDF#Dest
<b>e-mail address</b>	u:	e-mail address
<b>Acrobat Search</b>	s:	search phrase
<b>JavaScript function</b>	j:	JavaScript code
<b>title</b>	t:	none

# Menu item examples

11 (back) (j:app.goBack()) TS\_SetMenuEntry

12 (feedback) (u:mailto:xyz@docs.com?Subject=xyz) TS\_SetMenuEntry

28 (Web site) (u:http://www.microtype.com) TS\_SetMenuEntry

29 (search: font) (s:font) TS\_SetMenuEntry

301 (Cross-References) (f: ^ #CrossRef) TS\_SetMenuEntry

302 (Hypertext and Online Documents) (f: ^ #Online) TS\_SetMenuEntry

701 (Back) (j:app.goBack()) TS\_SetMenuEntry

305 (Hypertext and Online Documents) (f: ^ #Online) TS\_SetMenuEntry

306 (Generated Lists) (f: ^ #GeneratedLists) TS\_SetMenuEntry

801 (Common) (t:) TS\_SetMenuEntry

901 (Indexes) (f:xyz#Indexes) TS\_SetMenuEntry




# Sample ~more markers

- **alert ~more (Search for...) /0 (602-605)**
- **alert ~more /st /2 (301, 303 ^ 801)**
- **alert ~more /nt /1 (301, 303 ^ 801)**



# “Related PDF” bookmarks

```
alert ~rpdf (Title) /CS [ (title1) (file1)
(title2) (file2) ] /CS
```

- **(Title)** – title of “Related PDFs” bookmark
  - **/CS** – control string for this bookmark (same parameters as in TS shortcuts)
  - **[ (title1) (file1) (title2) (file2) ]** – a sequence of title/filename for each of the related PDFs (all items are enclosed in parentheses; entire list is enclosed in square brackets)
  - **/CS** – control string for all related PDFs bookmarks
- 

# “Related PDF” bookmarks

## Use ~rpdfs for multiple sets of related PDFs

```
alert ~rpdfs (Related PDF) /CS [  
  [ (GroupHead1) /CS [ (title1) (file1) (title2) (file2) ] /CS ]  
  [ (GroupHead2) /CS [ (title3) (file3) (title4) (file4) ] /CS ]  
  [ (GroupHead3) /CS [ (title5) (file5) (title6) (file6) ] /CS ]  
]
```

(filename gets a “.pdf” suffix automatically)

# Next/Previous topic links

**Automatically link all related headings, so that readers can quickly scan the headings and text below**



# SideLinks

**Mark active cross-references with a user-defined symbol, placed in the margin or within the text, reducing the visual “noise” associated with numerous colored/underlined text links**



# GetItem (link/bookmark)

***GetItem* (link or bookmark) provides fast access to user-defined named destinations, useful as an additional access mode when numerous items are identified by code**



# Additional TimeSavers features

- **Control opening settings (eg Display Title in Title Bar)**
- **Open target PDFs in a new window (global/individual; local or web-based)**
- **Links/bookmarks to “main menu” PDF**
- **“Remove Path”**



