

# FM-to-PDF Interactivity

Shlomo Perets

<http://www.microtype.com>

1

## Hypertext markers can be...

- Placed on body or master pages to define buttons, links, notes and destinations
- Used to “activate” graphics
- Created automatically in generated files (TOC, LOF, LOT, Index)

2

## PDF-specific hypertext markers

- `nextpage`, `previouspage`
- `previouslink`
- `newlink`
- `gotolink`
- `message URL (web, mail, ftp)`
- `message openfile`
- `alert`

3

## Active area of hypertext marker

- Extends to both sides of hypertext marker, until the beginning and end of current paragraph, but delimited by character format/tag changes
- If a hypertext marker is the only item in a text frame or a table cell, the active area is the entire rectangle

4

## Cross-references

**For simple links, cross-references are better than hypertext markers:**

- Easier to insert and manage
- Text is either automatically retrieved from source or included in the cross-reference format
- Flexible & global control (wording/format)
- Dependable validation in FrameMaker

5

## Benefits of form fields

- Multiple triggers (enter area, click, exit)
- Optionally suppress printing of buttons
- Sound integration

6

## Interactive uses of form fields

- Tool tips or rollover text display
- Pop-ups (rollovers) with more information

7

## Tool tips

- Can display additional non-printing information on graphics/buttons
- Provide brief information on icons
- Are read by screen readers
- Limited to short single-line items; “uncontrollable” in terms of font/size

8

## Pop-ups (rollovers)

- Can display additional information, helping the reader make sure that this is indeed the item being looked for, without being forced to leave the current page
- Reduce clutter when there is a lot of information to display for various items that are in close proximity to each other