IXgen Demonstration

FrameMaker

IXgen Release 5.5.h

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OK

Lucie Haskins
ASI Conference (May 2002)

IXgen Features

- Editing globally (not limited to marker by marker)
  - manual edits
  - shorthand expansion
  - global find/replace
  - spell check
  - splitting entries
  - permuting entries

- Applying capitalization globally

- Accessing markers from IXgen editable marker list

- Viewing markers in document text

- Generating markers with "fast track" methods:
  - paragraph tags
  - character tags
  - keywords

- Deleting redundant markers

Editing Globally

- Place insertion point in FrameMaker document/book.

  How much will be included in the Editable Marker List depends on how you select the text. You can insert from
  - *book level (to include all files in the book)*
  - *file level (to include all text in the file)*
  - *highlighted text within a file (selected text only)*

- Select IXgen > Gen Editable Marker List from the FrameMaker menu.

- The following dialog box is displayed.

- Select the marker type (usually Index) to generate.

- The Editable Marker List displayed.

*Edit **ONLY** in the the rightmost column.*

*When deleting entries, remove entry information from rightmost column **ONLY**. Leave the other columns intact.*

Be aware that entries could be sorted slightly differently than index listings.

Sorting: Only the first entry in each marker box is sorted in the Editable Marker LIst. Sorting overrides [...] are ignored in this list.

*Do **NOT** mix and match editing in IXgen list and in individual marker boxes. When IXgen list is applied, individual changes will be overwritten.*

Page numbers are NOT displayed in list. Hyperlink (ALT-CNTRL-LEFT MOUSE) from leftmost column is one way to verify entry location.

*SAVE the list file **OFTEN** during **LONG** editing sessions! (Be aware of accumulating files. Just write over older versions. The information in them is stale and should not be reused.)*

Editing Globally (continued)

NAVI-GATE	MARKER TYPE	SOURCE DOCUMENT	EDIT MARKER TEXT IN THIS COLUMN
	Index	:\...ject\working\ch05	access points: WEP design flaws
	Index	:\...ject\working\ch05	AirSnort: WEP key recovery program
	Index	:\...ject\working\ch05	authentication: data security and
	Index	:\...ject\working\ch05	Bohr, Niels
	Index	:\...ject\working\ch05	Bruestle, Jeremy

- Editing functions can now be performed on the list:
  - manual edits (changing entries, adding sort instructions, adding subentry level; adding entries to existing marker box, deleting entries)

  - shorthand expansion (Seth Maislin)
    - *expand $s to <$startrange>*
    - *expand $e to <$endrange>*   *If using shorthand, find/replace FIRST before splitting entries*
    - *expand $n to <$nopage>*   *to take advantage of IXgen features.*

  - global find/replace

  - spell check   (Seth Maislin)
    - *--Search for colons*
    - *--Replace with " zcolonz " (note spaces)*
    - *--Spellcheck ignoring zcolonz*
    - *--Search/replace in reverse at end*
    - *--Pay attention to autocorrected spacing during entire process! See Adobe FrameMaker Q&A for details.*

- Apply the changes
  - *Changes can be applied to HIGHLIGHTED areas only or to the entire list. Make sure NOTHING is accidentally highlighted if you want to apply changes to the entire list.*

  - *Don't forget to COLLAPSE MARKERS first if they have been expanded or IXGEN_DON'T EDIT_THIS! will appear in the affected marker boxes and ultimately the index.*

Apply Edited Marker List

☐ Split multiple index entries into separate markers

☐ Permute (rotate) marker text

[Apply]   [Cancel]   [Help]

Select options, then click Apply button to apply selected markers to source markers (including deletions).

- Options when applying changes include:
  - split multiple entries
    - *If using shorthand, find/replace FIRST before splitting multiple entries into separate markers to take advantage of IXgen automatic features.*

  - permute (circular rotation of text)   [quick brown fox→ brown, fox quick ... fox, quick brown]
    - *IXgen follows basic rules (single-level only, <$nopage> ignored, entries with commas ignored). IXgen also offers permutation controls with* `permctrl.fm` *file you customize to identify words to ignore. Details provided in IXgen User's Guide and IXgen: Indexing Tool for Frame (Barrett).*

- The Editable Marker List display is refreshed, with changes appearing in rightmost column. Entries that have been split and/or permuted appear immediately following the original entry.
  - *To display the new entries in "sorted" order, exit the list and then regenerate it.*

Applying Capitalization Globally

- Place insertion point in FrameMaker document/book. (Remember scope possibilities.)

- Select IXgen > Gen Editable Marker List from the FrameMaker menu.

- Select IXgen > Capitalization from the FrameMaker menu.

  This option is activated only while in the Editable Marker List.

- Review choices for each level (shown in dropdown for Level1).

- Make appropriate selection for each level.

- **Set** the choices.

- IXgen returns to the Editable Marker List with changes displayed.

  Capitalization changes have NOT yet been applied to document. They exist only in the Editable Marker List file.
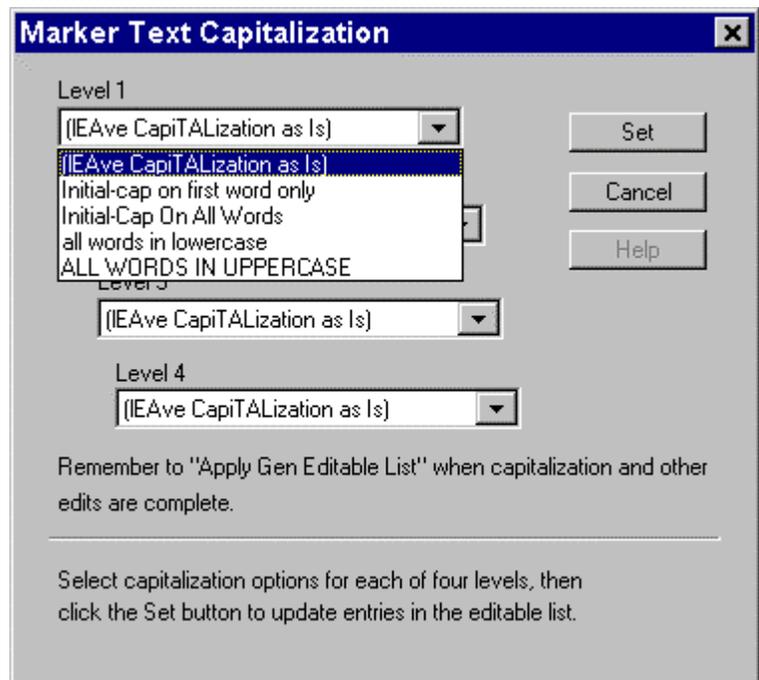
- To apply changes in FrameMaker document(s), select IXgen > Apply Edited Marker List from FrameMaker menu.

Accessing Markers from IXgen List

Feature exists only within Editable Marker List.

NAVI-GATE	MARKER TYPE	SOURCE DOCUMENT	EDIT MARKER TEXT IN THIS COLUMN
	Index	:\...ject\working\ch05	access points: WEP design flaws
	Index	:\...ject\working\ch05	AirSnort: WEP key recovery program
	Index	:\...ject\working\ch05	authentication: data security and
	Index	:\...ject\working\ch05	Bohr, Niels
	Index	:\...ject\working\ch05	Bruestle, Jeremy

- Place cursor in desired entry in **Navigate** column.

- ALT – CNTRL – LEFT MOUSE button to hyperlink to text in FrameMaker document.

- Page containing marker entry will be displayed.

Viewing Markers in Document Text
(Expand Markers)

- Navigate to desired FrameMaker file.

- Place insertion point in document.

- Select IXgen > Expand Markers from FrameMaker menu.
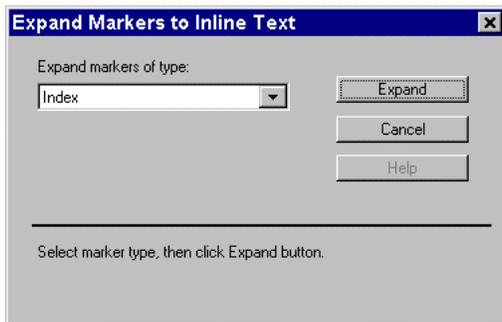
- Select marker type (normally Index).
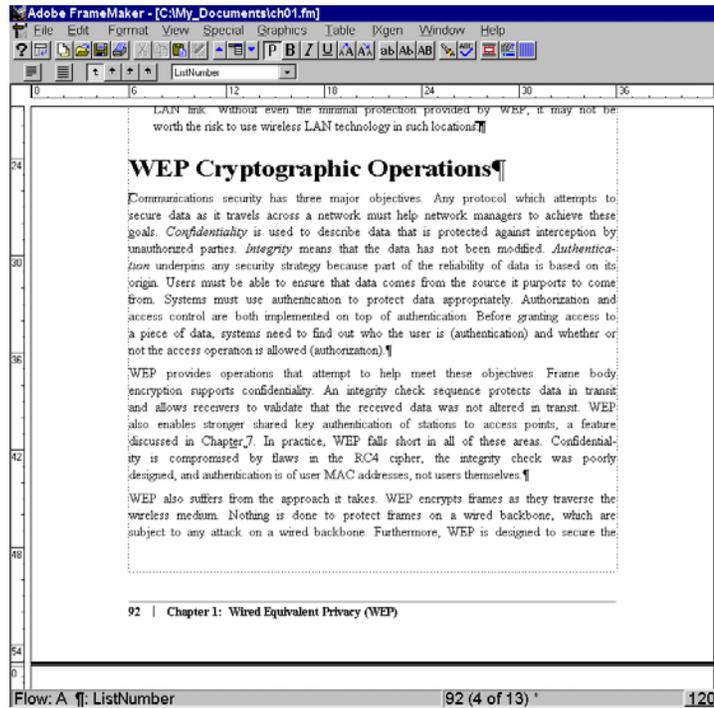
- File contents redisplay with marker entries expanded.
  (Note double underline)
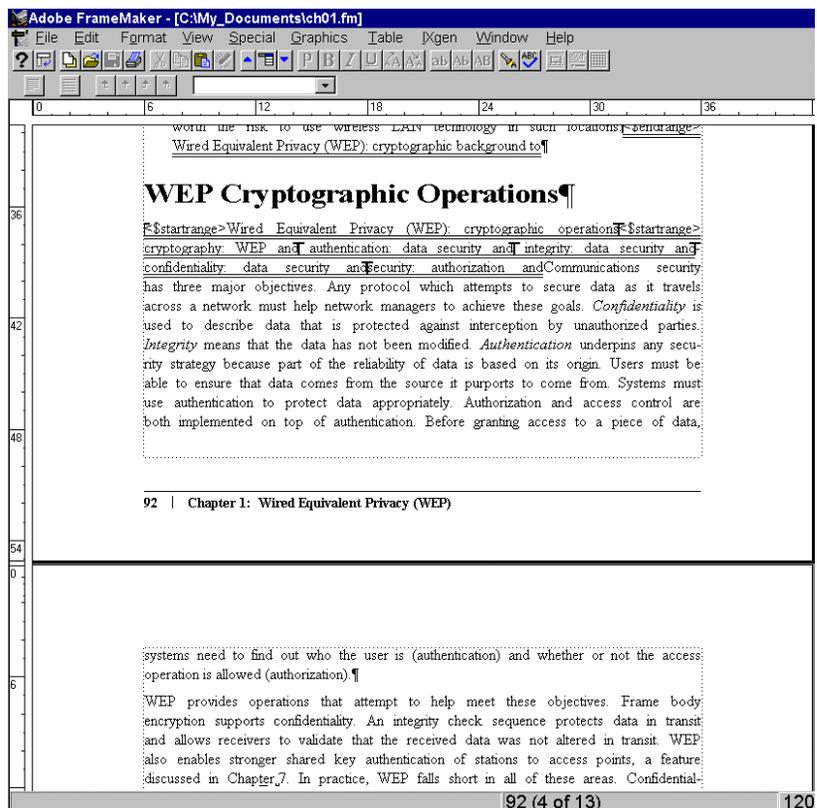
Viewing Markers in Document Text
(Collapse Markers)

Markers MUST be collapsed prior to generating an index or an Editable Marker List or IXGEN_DON'T_EDIT_THIS! will be generated in place of every expanded marker.

- Select IXgen > Collapse Markers to collapse markers.

  IXgen will first collapse only highlighted (selected) areas so make sure nothing is highlighted if you want ALL markers to collapse.

  FSA recommends selecting the top option. Details are available in the IXgen User's Guide.

Collapse Marker Text into Markers

- Collapse orphaned marker text into markers of type:

  Index

- Ignore orphaned marker text

  Collapse
  Cancel
  Help

Set orphan option, then click Collapse button.
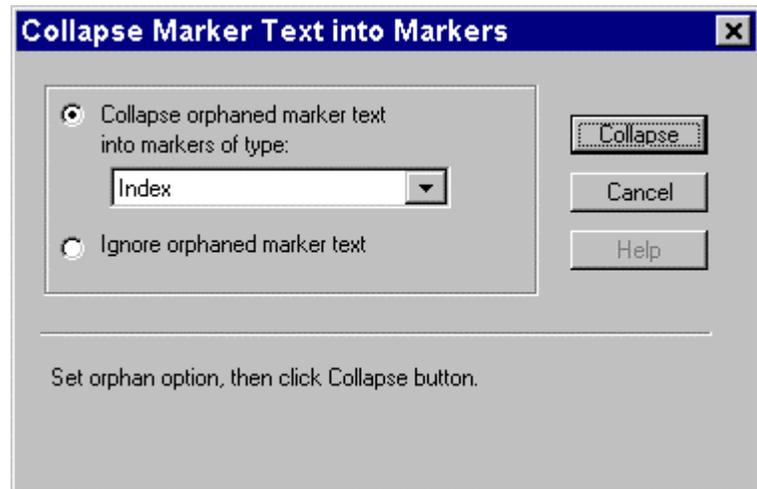
- The markers collapse and the document is displayed without the double underlines.

  If double underlines still display, it could be that some markers were inadvertently created/changed to other marker types (commonly cross-reference). This can happen in the following scenario:
  - *You are inputting new markers directly into the document.*
  - *You decide to view the markers.*
  - *So you expand them.*
  - *You then continue inputting.*
  - *Somehow, during the input session, the Marker Type gets changed accidentally.*
  - *You don't notice this change and the subsequent entries all carry the "new" marker type.*

  To correct this situation, the affected (uncollapsed) markers need to be changed back to the correct marker type.

Marker

Marker Type: Index

Marker Text:

New Marker

Marker

Marker Type: Index

Marker Text:

Cross-Ref
Equation
Glossary
Header/Footer $1
Header/Footer $2
HTML Macro
Hypertext
Index

New Marker
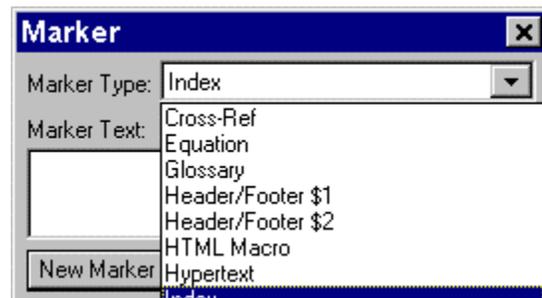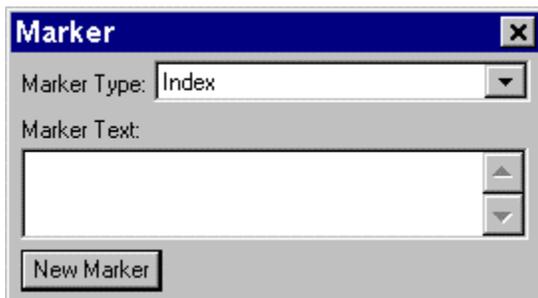
Generating Markers from Paragraph Tags

- Place insertion point in document
  (Remember scope).

- Select IXgen > Markers from Para Tags.
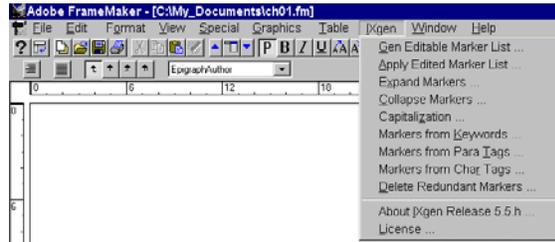
From dialog box:

- Select marker type to be created.

- Select paragraph tags.

- Click "Create".
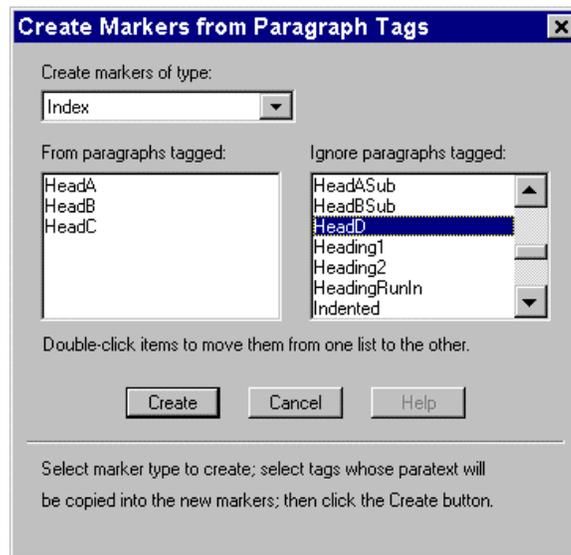
- Markers are created for selected paragraph tags.

  Markers from paragraph tags are created adjacent to word. Some publishers have restrictions on marker placement (headings, tables, special boxes, location within paragraph body).
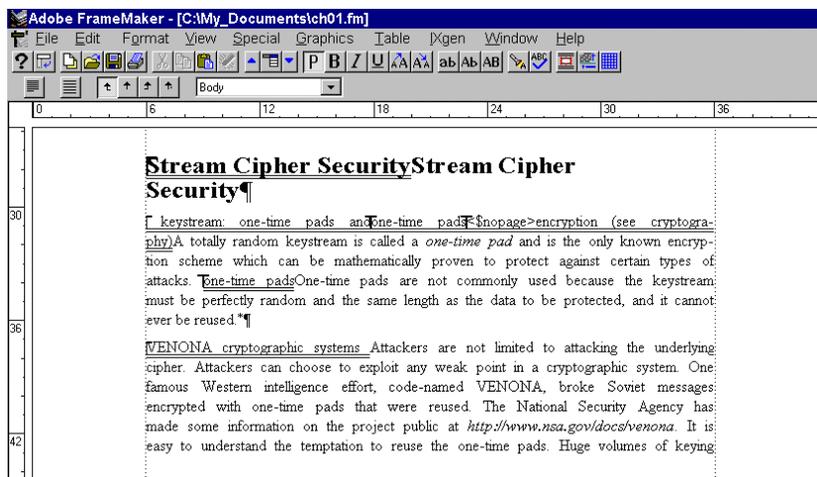
Generating Markers from Character Tags

- Place insertion point in document
  (Remember scope).

- Select IXgen > Markers from Char Tags.
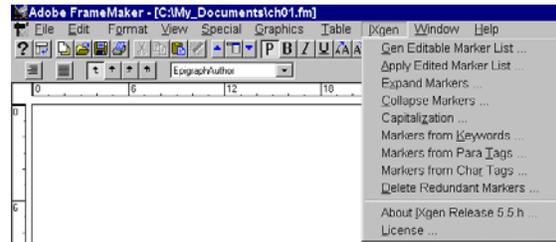
From dialog box:

- Select marker type to be created.

- Select character tags.

- Click "Create".
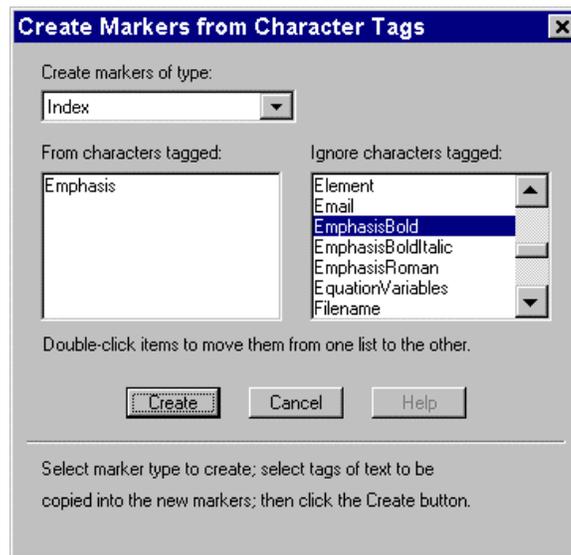
- Markers are created for selected character tags.

  Markers from character tags are created adjacent to word. Some publishers have restrictions on marker placement (headings, tables, special boxes, location within paragraph body).
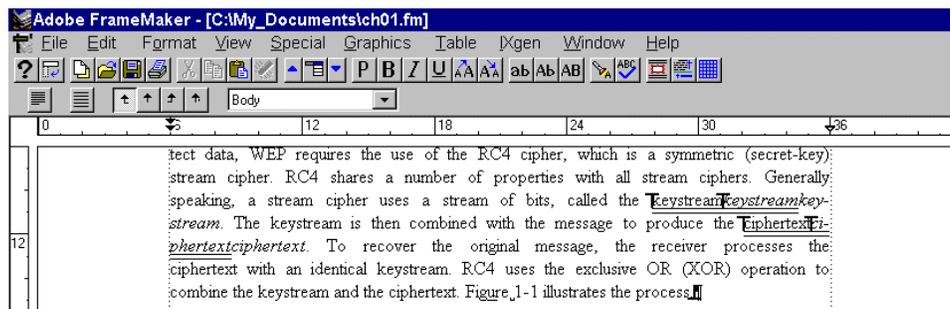
Generating Markers from Keywords

- Customize `keyctrl.fm` template to establish a list of keywords/phrases.

  Templates can be found in (FrameMaker installation directory)\template\special.

  To add table rows, place insertion point within table, then right click mouse.
  Select Tables > Add Rows or Columns. Complete information in popup box.

- Save file with FM extension and customized name.

Adobe FrameMaker - [C:\My_Documents\Indexing\GalvestonConference\cho1keycntrl.fm]

File   Edit   Format   View   Special   Graphics   Table   IXgen   Window   Help

MarkerTable

IXgen Keyword Control — Usage Summary

Use this document to list the target search keywords (or phrases) and the marker text alternatives available when the keyword is found. Here's a summary of how to use this function:

1. Make a working copy of this file, or use this document as a template for a new document.

2. List keywords, **one per cell**, in the left-hand column of the table below. (Add one row per keyword, as many rows as you need.) In the right-hand cell, list alternate phrases to use as the marker text when this keyword is found. Put each alternate in its own paragraph, but keep them in one cell. When a keyword is matched, IXgen presents the list of choices for that keyword. You can select one of those alternates or enter a new one. Alternately, leave the right-hand cell blank. When blank, IXgen uses the keyword for the marker text. To increase the number of possible alternates, change the value of "MFKMaxHistory" in the fminit\ixgen.ini file (Windows only).

3. When "Markers From Keywords" is run, use the file browser that appears to select the keyword file.

4. IXgen searches through the source text for occurrences of the keywords. When a keyword is found, select which alternate phrase to use for the marker, or enter new text using the dialog box. Changes made to the Marker Text Choices are automatically saved in the keyword document.

A given keyword control file can be in use by only one user at a time. If multiple users need simultaneous access to the same set of keywords, make as many copies of the keyword control file as there are simultaneous users. If each user independently changes the marker text entries, each file will differ.

Enabling Character Tagging on Matched Keyword Text

Applying a character tag to any text in this box signals IXgen to enable keyword tagging. This means that a character tag applied anywhere here will also be applied to the body text which matches each found keyword. You can use this facility to automatically tag text used for hypertext jumps. To activate, add the desired character tag to the character catalog of this document. (The tag "HyperText" is provided if you wish to use it.) Apply that tag to any word or phrase in this box. When Markers From Keywords is run, the body text of any match will have the tag applied. To disable this feature, apply the "Default Font" character tag to tagged text in this box.

KEYWORDS	MARKER TEXT CHOICES
WEP	Wired Equivalent Privacy (WEP)
cryptography	cryptographic operations
authentication	authentication
confidentiality	confidentiality
integrity	integrity

Flow: A   ¶: MarkerTable   1 of 1

Generating Markers from Keywords (continued)

- Select IXgen> Markers from Keywords.

- Use the file browser provided to select the keyword file you just built.

When the Create Markers from Keywords dialog box displays:
- Select the marker type to be created.

- Follow the instructions (Find, Create, Create/Find, Create/All) to create markers.

  Complete instructions are available in the IXgen User's Manual.
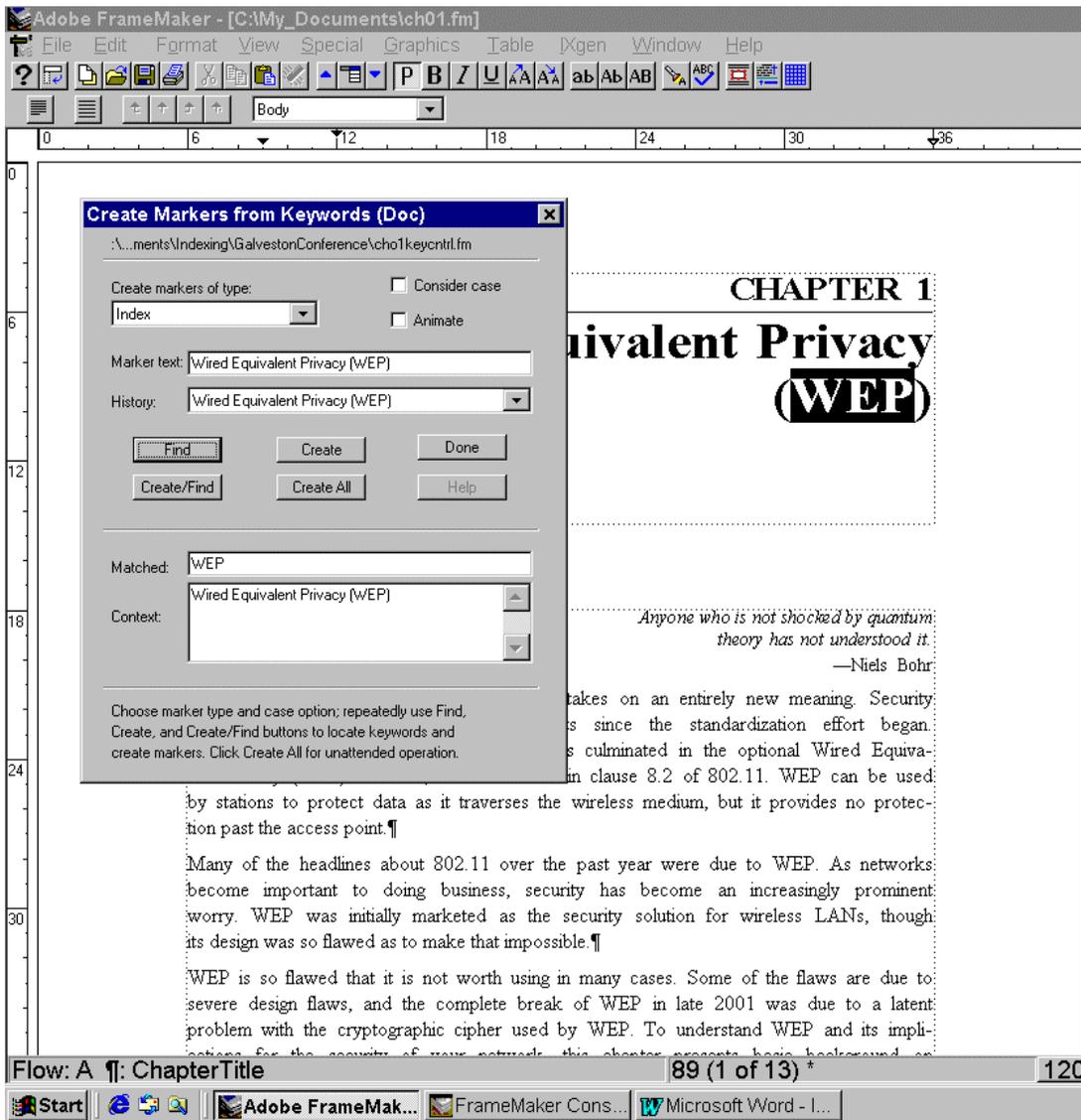
Markers from paragraph tags are created adjacent to word. Some publishers have restrictions on marker placement (headings, tables, special boxes, location within paragraph body).

Deleting Redundant Markers

- Place insertion point in FrameMaker document/book. (Remember scope possibilities.)

- Select IXgen > Delete Redundant Markers.

The following popup box displays.

- Click "Go" to complete the function.

Redundant markers are EXACT duplicates (marker type, marker text, formatting) that potentially occur back-to-back from repeated use of the IXgen Create Markers from... functions.

IXgen Tips

- Extremely useful... but in different ways to different people. You figure out which features/functions are best suited for you.

- If your client uses fonts that aren't loaded on your system, just ignore them. If you first select File > Preferences from FrameMaker menu, then FrameMaker will remember the original font and provide a temporary font substitute.

- You can work with multiple versions of FrameMaker. I have FrameMaker 6.0 and my client has 5.5. They send version 5.5 files. I open them and apply version 6.0.
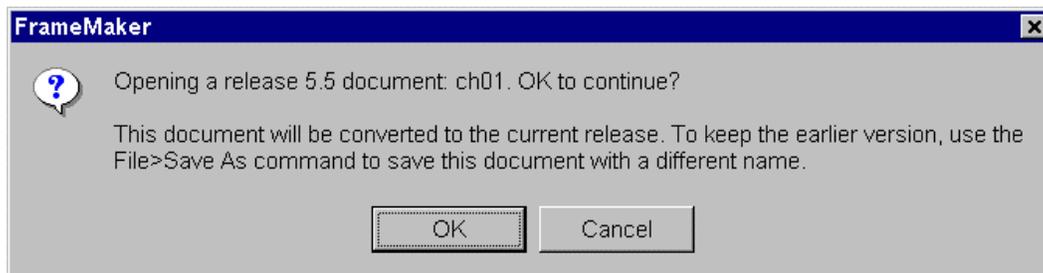
- After I've completed my marking and index, the files go back saved as MIF files. The client opens the MIF files, reapplies the formatting and is set to go.

Additional IXgen Articles/Information

Adobe FrameMaker Q&A (Seth Maislin)
A to Z: The Newsletter of STC's Indexing SIG (Vol 2 No 3: Sept 1999)
http://taxonomist.tripod.com/articles/fmanswers.html

Indexing with IXgen: Making Global Changes Possible Using FrameMaker (Jenny Hutton)
Silicon Valley Connection (December 2001)
http://www.stc-siliconvalley.org/newsletter/2001_12.pdf

IXgen: Indexing Tool for Frame (Anne C. Barrett)
A to Z: The Newsletter of STC's Indexing SIG (Vol 4 No 3: Sept 2001)
http://www.stcsig.org/idx/pdf/2001sept.pdf

IXgen: Tips, Tricks and Totally Cool Techniques (Anne C. Barrett)
http://www.stc.org/48thConf/postconf/anne_barrett.pdf

Taming the Editing Process in FrameMaker (Scriptorium)
http://www.scriptorium.com/wp_ixgen.pdf

Using IXgen to Manage Markers (Alexia Prendergast)
Carolinas FrameMaker Users Network (FUN) Newsletter -- May 1999
http://www.stc-carolina.org/www/PICs/frame/pdfs/news199905.pdf

Additional FrameMaker Resources

Keyboard Shortcuts
http://www.microtype.com/
      then **Resources**
      then **FrameMaker Resources**
      then view list... among them is PDF file... **FrameMaker Common Shortcuts**

FrameMaker Tutorials (all sections)
http://www.io.com/~tcm/etwr2372/frame_index.html

FrameMaker Tutorials (indexing section only)
http://www.io.com/~tcm/etwr2372/planners/frame/frame_indexing.html

FRAMERS Web Site (subscribe to FRAMEUSERS discussion group)
http://www.FrameUsers.com/