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Dialogue modifications for FM 8.0p277

Overview

Most FrameMaker dialogues even in version 8.0 are still adapted to small screens of 640 x 480 pixels. Hence the dialogues do not give room to long names of fonts, style names or page names.

For the FM-8 modifications I have also coloured the cursors for better recognition. I choosed magenta for best contrast to document contents.

With the help of Resource editors D+DD has modified many dialogs from the standard interface and from the structured interface. This documentatin is [available on the web](#).

There are 251 dialogues in `fmdlg.d11`. From these I have modified 106 (42%). Dialogues in the various DITA related `d11s` could not be modified.

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Modifications made



See *about_main (About)* on page 12 for an indication of the changes.

Dialogues

This time I have included dialogues of the structured interface (from `fmDlg.dll` only). My guidelines for the modifications are:

- Leave out the drop down lists which are redundant to the tabs in document numbering, Footnote properties, paragraph designer and table designer.
- Make more room for long names (character-styles, ¶-names, table names, colour names, cross references etc.
- Extend other small fields and make them scrollable where necessary. Exmample *edit_search (Find/Change)* on page 21.
- Other enhancements where useful. Example: *edit_markers (Marker)* on page 20.

Toolbar icons

The toolbar icon `Toolbar4SelectPartial` () in `fmCustom.dll` is wrong: it includes the heading row (when compared to other icons). I have modified it to this appearance: 

Cursors

FM allows to use the system cursors as an alternative to the internal cursors (and hence get colours of all sorts). However, the system does not contain all cursors used by FM.

Hence for better visibility of the FM cursors I decided to modify `fmres.dll`. Using Resource Editor, I modified all cursors to use 4-bit colour (not 1) and select colour magenta. Complete set of items changed:



Icons in document window

In the document window some iconic graphics are used to show tabulation and line indentation. These graphics are very small and not instantly recognisable.

Using Resource Editor, I modified these small bit maps in `fmres.dll` to use 4-bit colour (not 1) and select colour magenta.



List of the dialogue resources in fmdlg.dll

Those in bold have been modified.

about_credit	cond_manage	edit_thesaurus	newmpcolumn	pagination	sfm_open
about_main	cond_text	elcat_opt_kit	newpgfformat	paging	sideheadlayout
about_more	cond_untagged	elemsrch	newtableformat	pantone	soft_heap_full
add_rc	cond_visibility	elem_ctx	new_body_tf	pastecol	spacebetween
aframe	configurable_alert	elem_kit	new_master_tf	pasterow	spell_options
aframe_elem	crefmnts	fileinfo	normal_layout	pdf_alldests	struct_prefs
api_scrollbox	crsdisp	flowrename	ns	pdf_bookmarks	svgimport
arrowhead	cust_rs	flow_props	num_chapters	pdf_pg_picker	tabedit
attr_cond	cut	fnote_custom_pattern	num_footnotes	pdf_settings	tablefmt
attr_del	cvttotbl	fontdesign	num_pages	pdf_structure	tablerule
attr_disp_opts	cvttotbl_elem	fontdesign_tsume	num_paragraphs	pgfadvance	tableshade
attr_edit	cvttotxt	fontsearch	num_tablefoots	pgfbasic	tableupdate
attr_expr	dlg_thermo	fontsearch_tsume	num_volumes	pgfcell	tblfootnote
attr_quick	doc_custom	font_kit	obj_attr	pgffont	tools_align
attr_values	doc_file_lckd2	footnote	obj_db	pgffont_tsume	tools_distrbt
bk_addnonfmfile	doc_import_txt	format_capital	obj_dbitem	pgfjspacing	tools_scale
bk_inconsist	doc_imp_flocpy	frame_name	obj_prop_arc	pgfnum	tools_sides
bk_inconsist2	doc_imp_floref	frozen	obj_prop_frame	pgfpagination	txt_inset_cvt
bk_opennonfmfile	doc_imp_sgml_txtref	get_input	obj_prop_inset	pgfupdate	txt_inset_prop
bk_viewonly	doc_imp_txtcpy	halftone	obj_prop_line	pgf_kit	txt_inset_unk
bk_viewonlybook	doc_imp_txtref	hard_heap_full	obj_prop_math	pgf_use_alert	unfrozen
bk_warnnumprops	doc_inset_dpi	history	obj_prop_obj	pl_keeptweaks	unknown_file
book_define	doc_in_use	hypertext_save_cmd	obj_prop_reffr	pl_keeptweaks1	updatepgffmt
book_in_use	doc_open_text	ins_hypertext	obj_prop_rnrnd	print_separation	useeltdef
book_ref_suppr	doc_print	ins_marker	obj_prop_rrect	print_spot	usefmt
book_update	doc_quit	ins_obj_elem	obj_prop_text	product_mode	valid
book_useeltdef	doc_raster_dpi	ins_tab	obj_prop_txtfr	quick_catalog	var_deref
book_usefmt	doc_report	ins_tab_elem	othersize	ref_suppress	var_deref_elem
browse_dir	doc_save_text	legacy_bk_prefsuff	othertint	ref_update	var_main
build_expr	doc_txt_opts	legacy_book_suffix	overprint	rename_markertype	var_sys_edit
catalog_delete	editrule	linespace	pagebreak	reordermaster	var_user_edit
changebar	edit_dicts	linewidth	page_addbody	resize	view
charupdate	edit_elem_list	masterpageuse	page_addmaster	rnrnd_tf_warn	viewer_find
clear	edit_hypertext	math_elem_ins	page_addref	rotate	xml_doc_in_use
color_def	edit_hypertext_elem	math_elem_new	page_delbody	rotate90	xref_deref
comb_font_edit	edit_in_use	math_elem_over	page_gomaster	rowfmt	xref_derefelem
compare	edit_markers	math_elem_updt	page_gotobody	rubiprop	xref_format
compare_opt	edit_markertype	math_fonts	page_gotoref	save_in_use	xref_main
condsearch	edit_mkrs_elem	math_position	page_name	separation	xref_main_elem
cond_add	edit_search	math_sizes	page_newmaster	session_pref	xref_update
cond_deltagged	edit_setsearch	multiswitch	page_size	setdashed	zoomfactor
cond_edit	edit_spell	newcharformat	page_update	setdashed9	

Tools and process

The work is carried out in E:_DDDprojects\FM-GUI-mods. From there the modified dlls are copied to the program directory for verification.

- RB **Resource Builder** by Igor Siticov provides better graphic tools (in particular for aligning items) than the other tools.
- RH **Resource Hacker** by Angus Johnsonis is free but old (2002). It can not handle certain attributes of FM-8 dialogues¹.

	Resource Builder (RB)	Resource Hacker (RH)
Moving controls	CTR+arrow, mouse, num. attributes	Arrow key, mouse, num. attributes
Alingment	very good	visual, script edit
Text in edit control	yes (Caption)	yes
Edit Resource script	GUI, property table, script	script only
Undo edits	only in script	script as long as not compiled
Help	yes	yes
Have license	yes	not needed
My version	3.0.2.22	3.4.0.79

Procedure

- 1 Screen shots of the original dialogues are created in FM and the documentation is prepared.
- 2 In **RB** open `fmdlg.dll` to be modified. Use an independent version, e.g. `fmdlg-mod(RB).dll`.
- 3 In **RH** open the old modified dll (from FM 7.2) as a reference and source of already done modifications (*RH1*).
- 4 In a second instance of RH open the new dialogue to be modified (*RH2*). Use the last modified working version, e.g. `fmdlg-03(RH).dll`.
- 5 Make a modification in **RB**:
 - Open the dialogue both in **RB** (development of modification) and **RH** (saving modified dll).
 - Copy useful parts from the old version to the new version in **RB** (e.g. size of dialogue, control elements)
 - Continue changes in the new version (alignment, field attributes etc.).
- 6 Transfer modifications to *RH2*:
 - From the header line transfer only the numeric values: ABOUT_CREDIT 24, 10, 340, 283
 - Transfer the whole body part between the { }.
 - Replace `\x09` by `\t` and other not compatible definitions (see *Edit control (RH)* on page 8).
- 7 After certain changes in **RH** save the modified dll (`fmdlg-nn(RH).dll`) with an incremented nn and also as `fmdlg.dll` into the working directory. Also save the modification in **RB** to the file `fmdlg-mod(RB).dll`

¹ It turned out that these attributes are not needed for the dialogues.

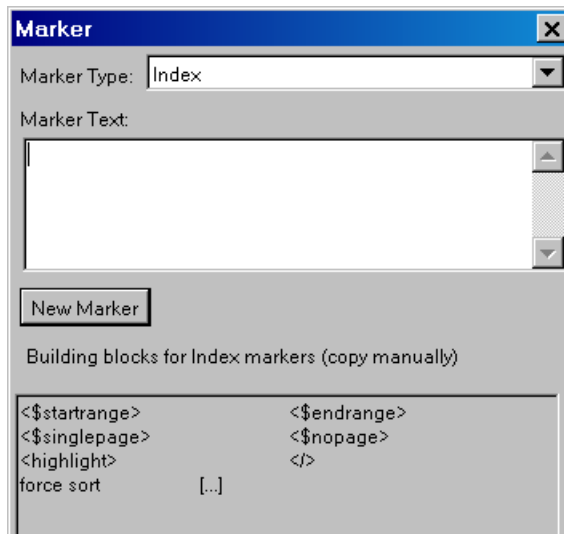
- 8 Set the current date/time for the two files saved from **RH**.
- 9 Copy `fmdl1g.dll` to `$HOME\fm1n` and start FM-8 with a test document to check the modified dialogues.
- 10 If it works correctly, update documentation for the added changes:
 - Make and use screen shots of new version
 - Leave FM and continue with step 5
- 11 In case of problems go back to the last working dll version for further changes.

When closing the working session, save the **RB** document with the newly developed modifications (`fmdl1g-mod(RB).dll`). It does not matter that this dll does not work correctly. It is just a storage of the modified dialogs.

Note: **RH** does not set the current date/time for the saved dll's which therefore can not be recognised as new/modified.
 → Immediately set the correct date/time for the dll's before copied to the FM-directory.

Further enhancements possible

By experiments I have found out that dialogs can contain text which can be copied and pasted into an edit field. This could be used to provide building blocks or other static text.



Required attributes in the control

- ES_WANTRETURN \r\n to be performed in the dialogue
- ES_MULTILINE Wrap contents
- ES_READONLY Do not allow overwriting of contents

Use a resource-ID well outside the numbers used in FM (>199).

Edit control (RH)

Special characters in an Edit control are restricted to `\\`, `\t`, `\n` and `\000` to `\377` that is, must be octal. `\n` however is an equivalent of `\r\n` from **RE** (Entering `\012\015` in **RH** and compiling the script converts them to `\n`).

In one dialog there where nested double quotes inserted as `\x22` which was not accepted by **RH**. I exchanged these by single quotes.

Newline Although the \n converts to 000A000D in the dll code, in the dialogue it is not honoured, but presented as unknown character. Tabs (\t) are executed correctly:

```
<$startrange>          <$endrange>[[<$singlepage>
                        <$nopage>[[<highlight>
sort                    </>[[force
                        [...]
```

The desired appearance can be created by means of more tabs shifting the next item to the next line:

```
<$startrange>          <$endrange>
<$singlepage>         <$nopage>
<highlight>          </>
force sort           [...]
```

Definition in RH The field is read-only, hence it becomes gray:

```
CONTROL "<$startrange>\t\t<$endrange>\t <$singlepage>\t\t<$nopage>\t <highlight>\t\t</>\t\t\t
force sort\t\t\t[...]", 200, EDIT, ES_LEFT | ES_MULTILINE | ES_READONLY | ES_WANTRETURN |
WS_CHILD | WS_VISIBLE | WS_BORDER | WS_TABSTOP, 1, 115, 194, 60
```

Wrapping input field

To make the definion area wrapping the text (as in the Marker dialogues), the code of this control was changed:

```
from CONTROL "", 106, "EDIT", ES_AUTOHSCROLL | ES_LEFT | WS_CHILD
| WS_BORDER | WS_GROUP | WS_TABSTOP | WS_VISIBLE
, 37, 17, 200, 40

to CONTROL "", 106, EDIT, ES_LEFT | ES_MULTILINE |
ES_AUTOVSCROLL | ES_NOHIDESEL | WS_CHILD | WS_VISIBLE |
WS_BORDER | WS_VSCROLL | WS_GROUP | WS_TABSTOP, 37, 17,
200, 40
```

Note: *ES_WANTRETURN must not be used, if the dialog shall be able to accept a Return as Enter (use default button) - as in Search/Replace, Markers, Hypertext etc.*

2009-09-24

E:_DDDprojects\FM-GUI-mods\fm8.0en\UI-mods-8p277.fm

LD+D D

Working with Resource Editor only

The following tests were done with two modified dialogues only:

- About_Main got an additional text field
- Edit_Marker was extended according to *Further enhancements possible* on page 8.

None of the methods offered in Resource Editor creates a working dll:

Resource only DLL

Some functions not saved in the dll

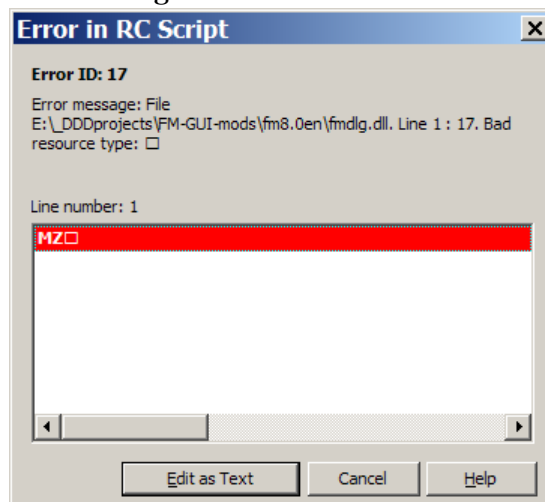
RB > Tools > Create Resource Only DLL ... creates a valid dll on the first sight only.

- The modified dialogs and all other dialogs work correctly:
- However, the ¶ and f desingers are not opened, neither by menu nor by shortcut. Trying to open the table designer creates a severe error and shuts FM.

It turns out that the generated dll differs from the original one. When processing the unmodified dll it gets a length of 379'392 bytes, whereas the original one is 372'736 bytes long. The internal differences - e.g. looked at with an editor - are huge.

Link to Exe

Using **Tools > Link to Exe...** with **any of the options** creates the message:



Clicking on **Edit as Text** always displays the last opened dialogue (even if closed before). The first line of the dialogs is of course different for each (naming the dialogue).

Working with Resource Editor and ResHacker

When **ResHacker** is used to save the modified dll (**File > Save as**) the first line in the dialogs must not contain the attributes **MOVEABLE PURE LOADONCALL DISCARDABLE**. They must be removed - or **RH** will issue an error message.

Conclusion

So far I have not encountered a problem with the dll's generated this way.

Project report

Data including
2009-09-24

Task	h
Experiments with various tools to find an appropriate method	12
Setting up the docu with the screenshots of the standard interface, describing the method of working etc. Initially about 90 dialogues were identified for modifications. Amend doc independtly of screen shots	7
Modify the dialogues. The number of dialogs increases during work while more and more items with name fields are discovered. After a batch of 3 to 5 modifications FrameMaker is started and the documentation amended. At the beginning some retrofitting was necessary due to attributes which could not be handled by Resource Hacker. Fortunately these were not needed for the function of the dialog!	42
Develeop installation progam and update	4
Check DITA related dlls for dialogs and amend docu for these	2
Colourise the cursors in fmres.dll	3
Exchange the button picture in fmcustom.dll	1
Create web page based on fmaker36.html. Set up necessary graphics and files.	4
Sum	75

2009-09-24

E:_DDDprojects\FM-GUI-mods\fm8.0en\UI-mods-8p277.fm


 DDD

Unstructured interface

Note: In the following comparison the left screen shot is from the original dll, the right displays the modified dialogue. Few of the screenshots are scaled down.

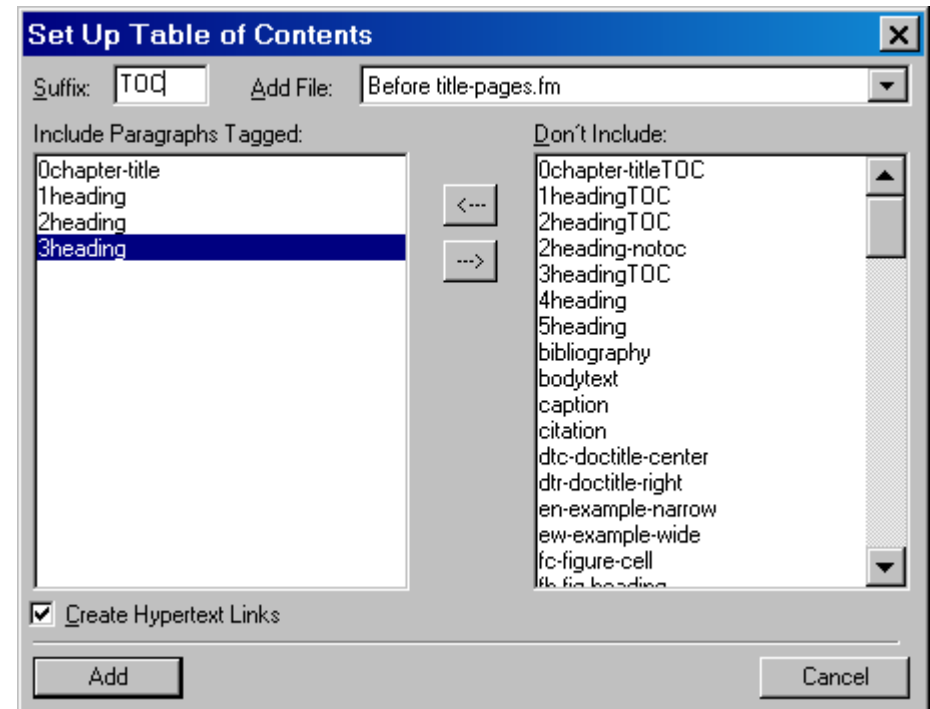
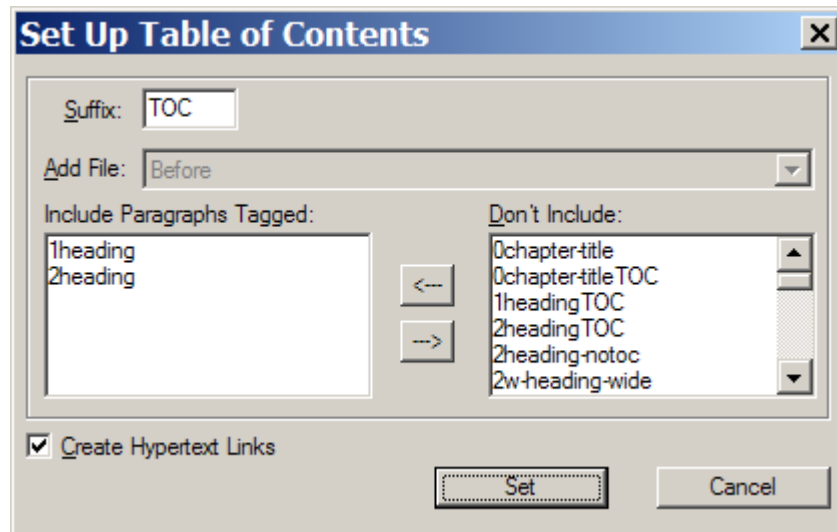
about_main (About)

Version 8.0p277

Dialogs modified for more room for long names; cursors magenta for better visibility. See www.daube.ch/docu/fmaker36.html 2009-09-25

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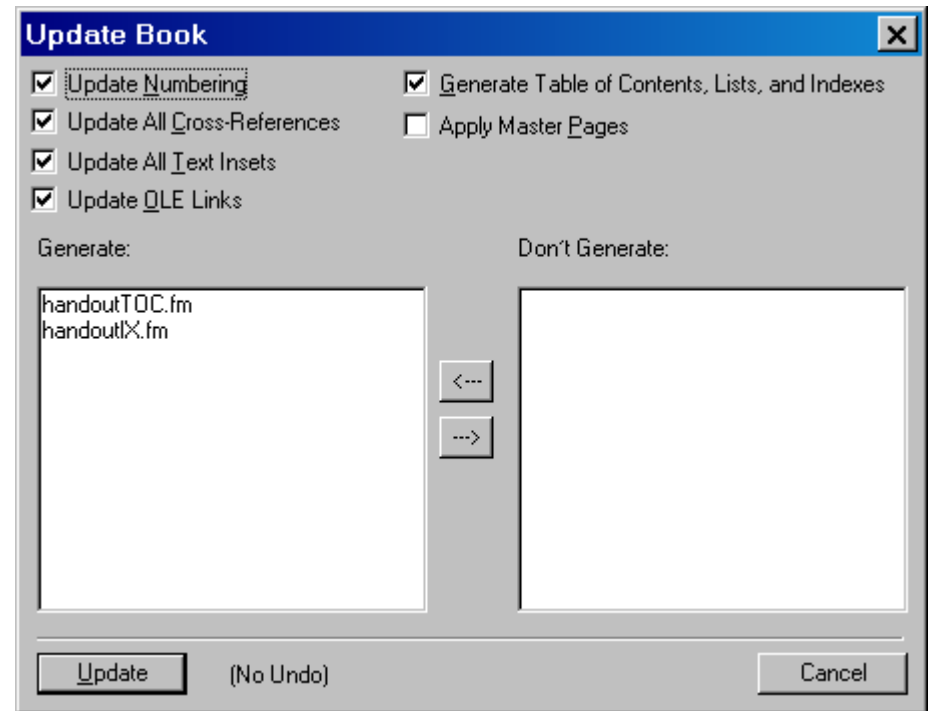
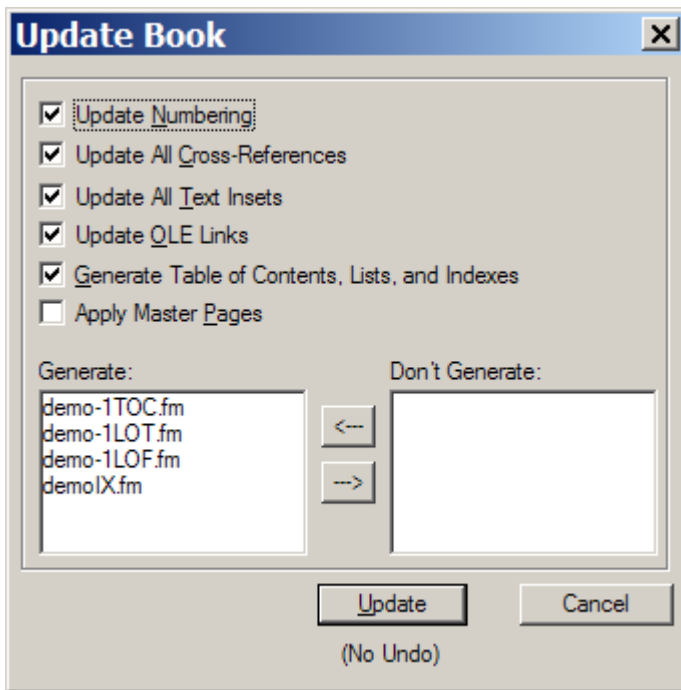
book_define (Set Up Table of Contents)



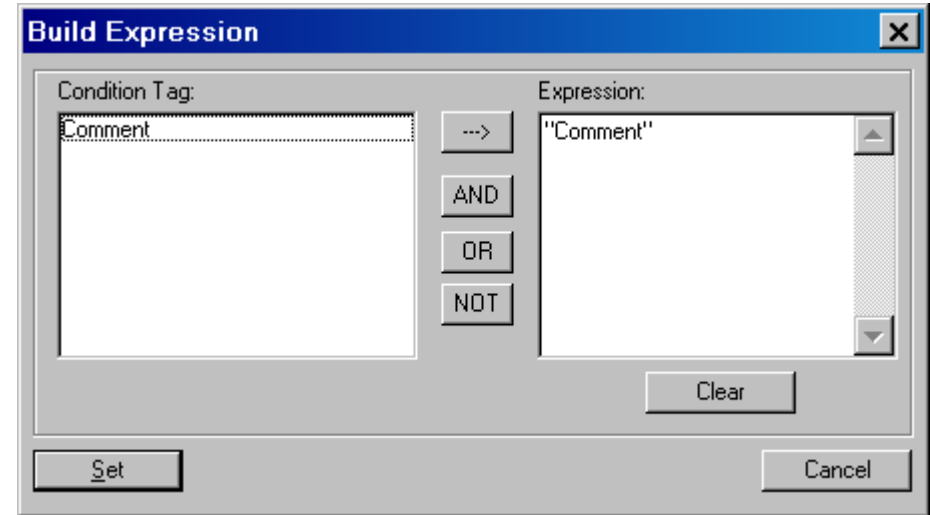
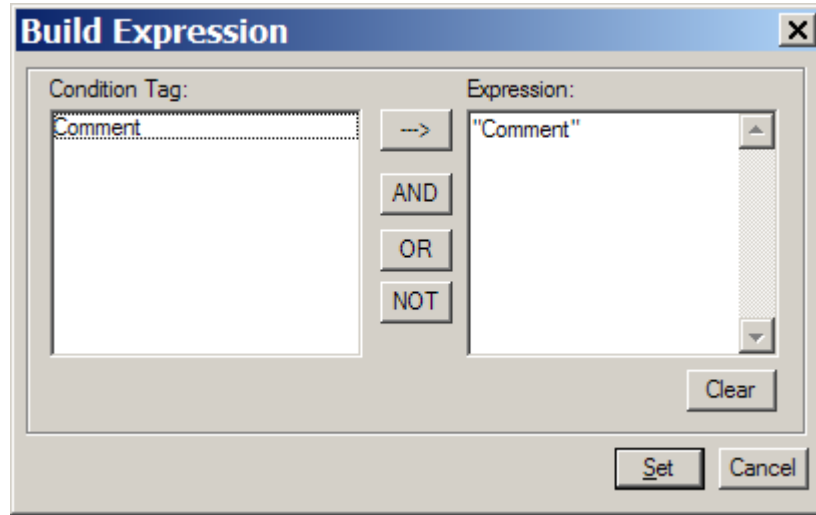
text on the left button can be **Add** or **Set** depending on environment

book_update (Update Book)

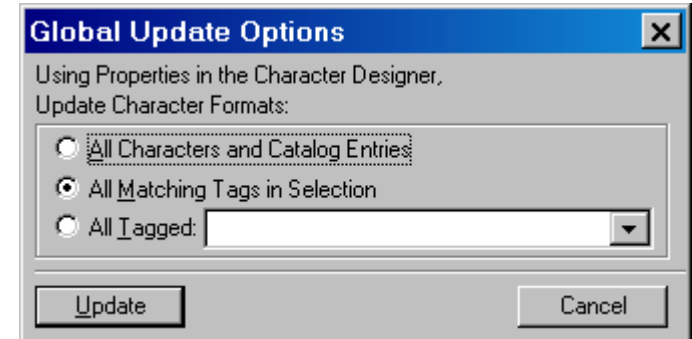
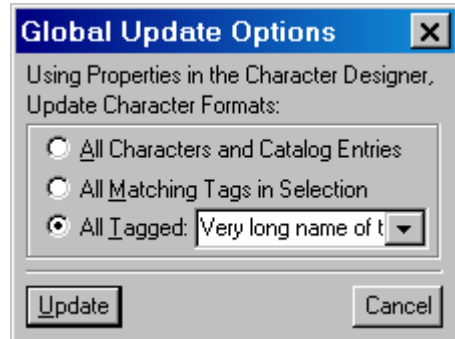
13



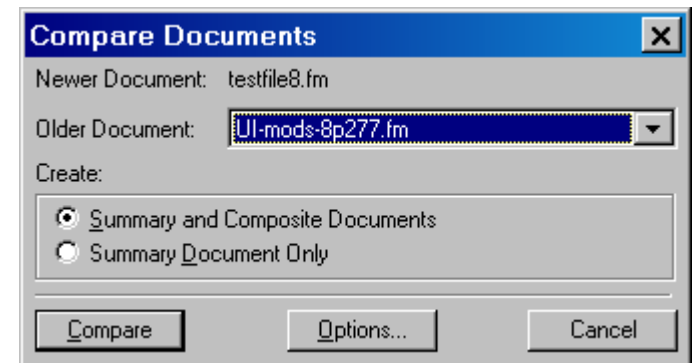
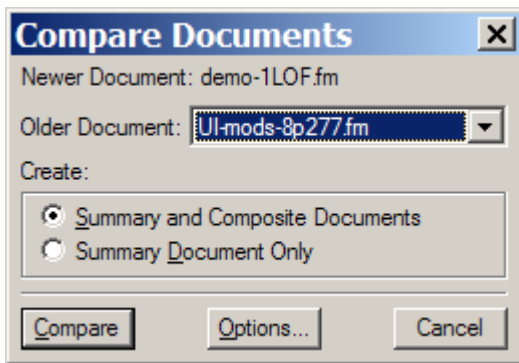
build_expr (Build Expression)



charupdate (Global Update Options)

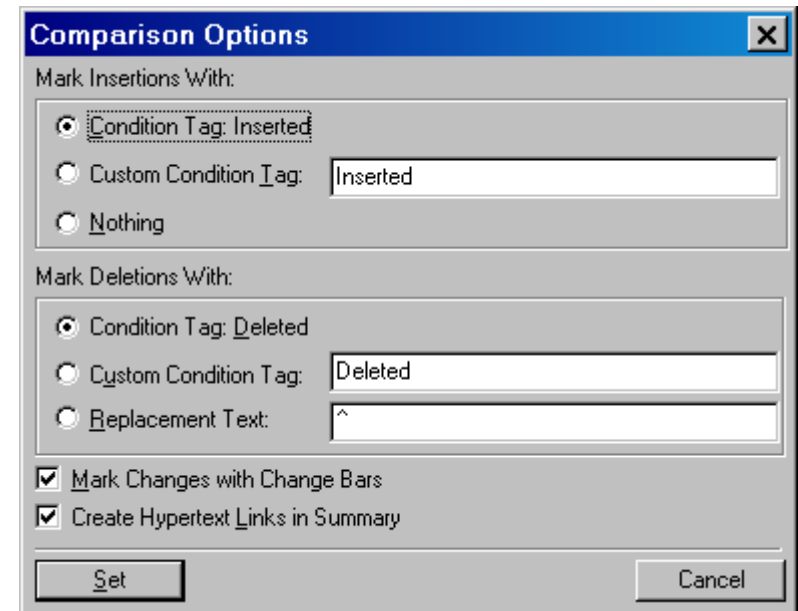
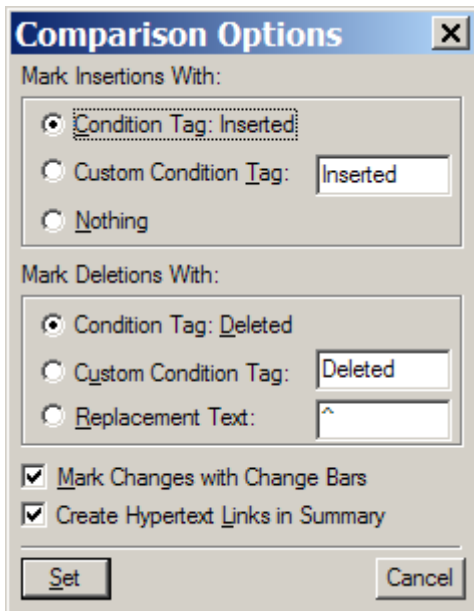


compare (Compare Documents)

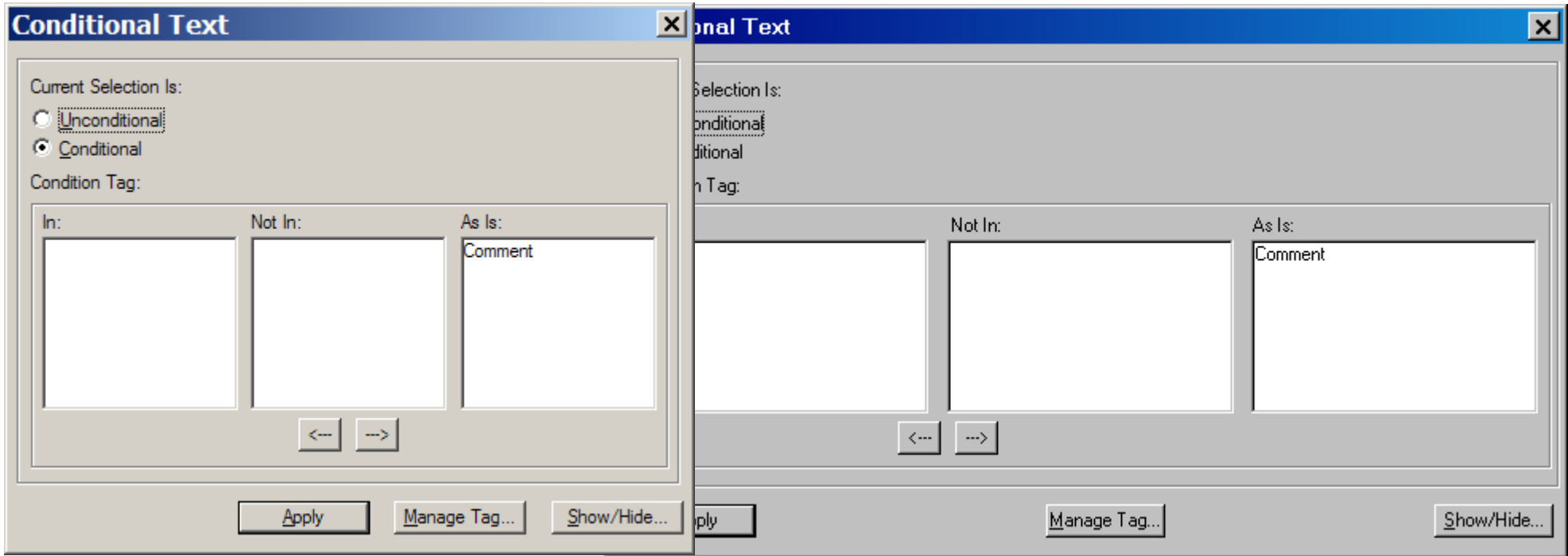


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compare_opt (Comparison Options)

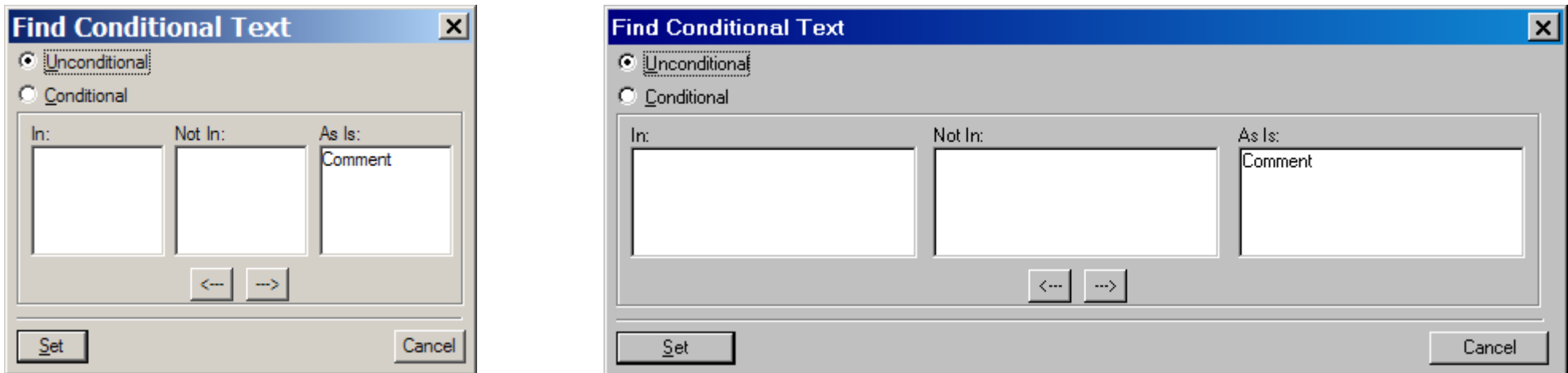


cond_text (Conditional Text)



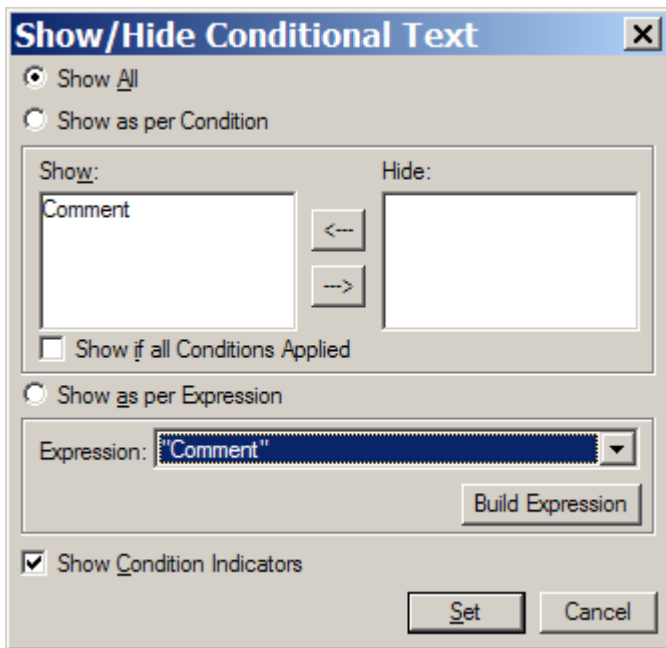
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condsearch (Find Conditional Text)

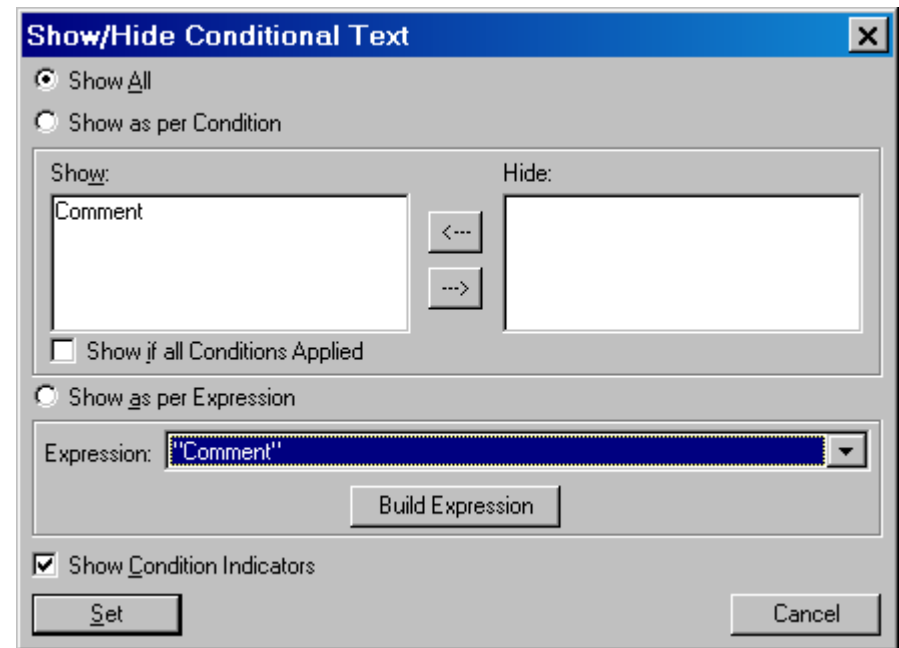


cond_visibility (Show/Hide Conditional Text)

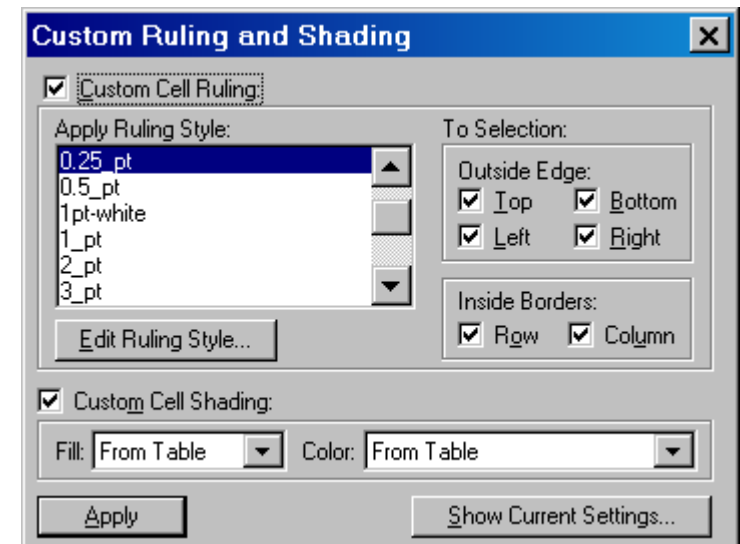
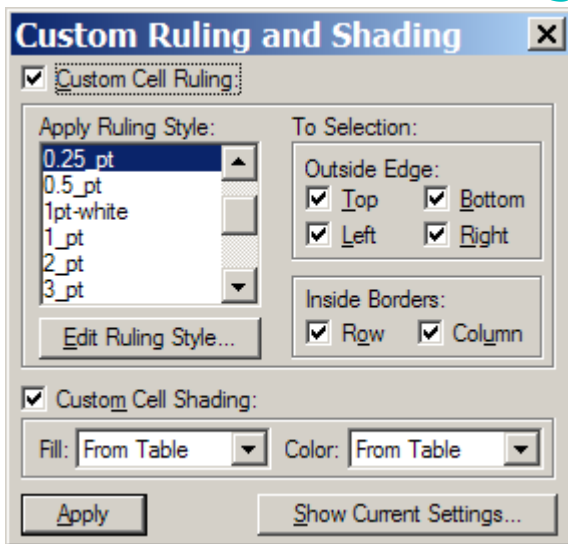
17



Expression to be multiline ?
 It may become quite long depending on the condition names.



cust_rs (Custom Ruling and Shading)



cvttotbl (Convert to Table)

Convert to Table

Table Format:

- fig-nolegend
- fig-with-legend
- Normal-hv-rules
- Normal-h-rules
- UnstructMasterPageMa
- Wide-hv-rules
- Wide-h-rules

Treat Each Paragraph As:

A Row with Cells Separated By:

- Tabs
- Spaces: 2 or More
- Other: .

A Cell:

Number of Columns: 1

Heading Rows: 0 Leave Heading Rows Empty

Convert Cancel

Convert to Table

Table Format:

- Energy-savings-interest
- Format B

Treat Each Paragraph As:

A Row with Cells Separated By:

- Tabs
- Spaces: 2 or More
- Other: .

A Cell:

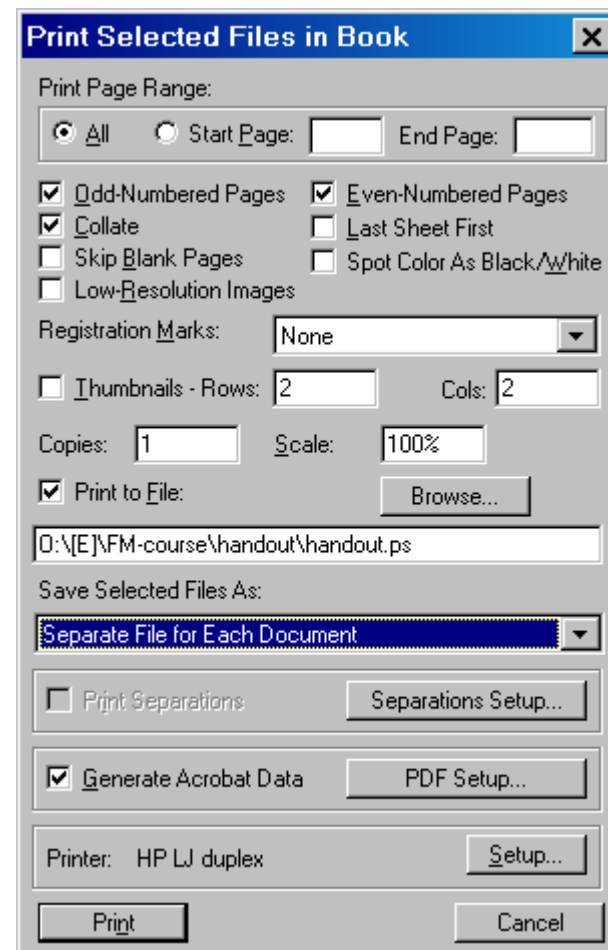
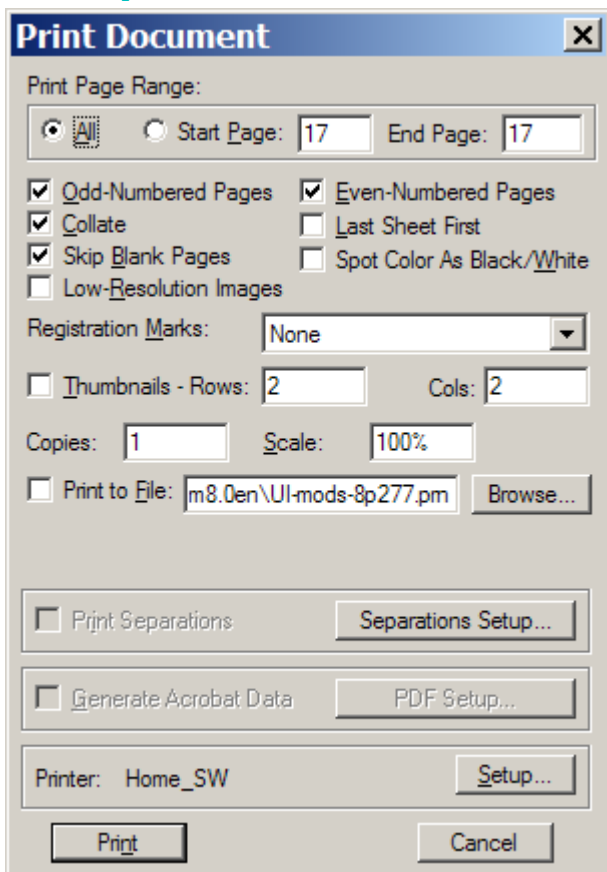
Number of Columns: 1

Heading Rows: 1 Leave Heading Rows Empty

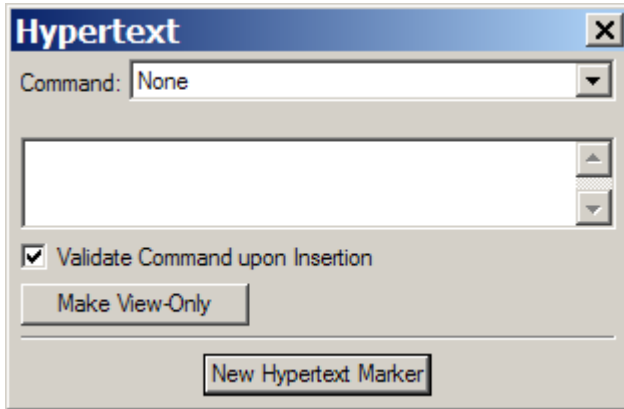
Convert Cancel

doc_print (Print Document)

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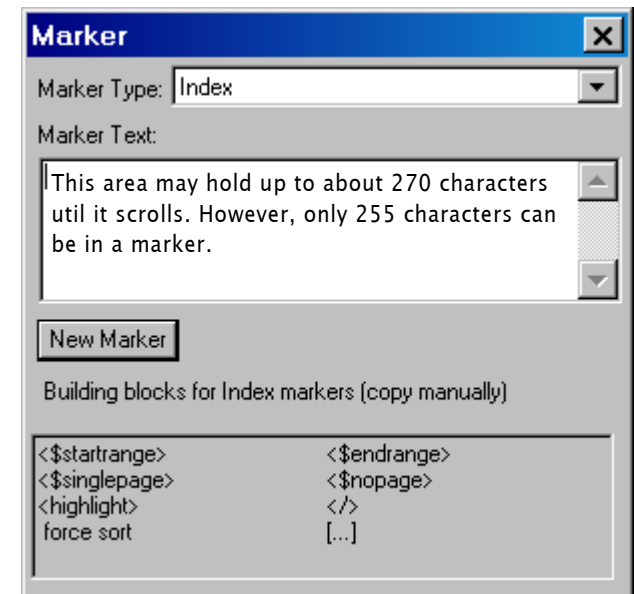
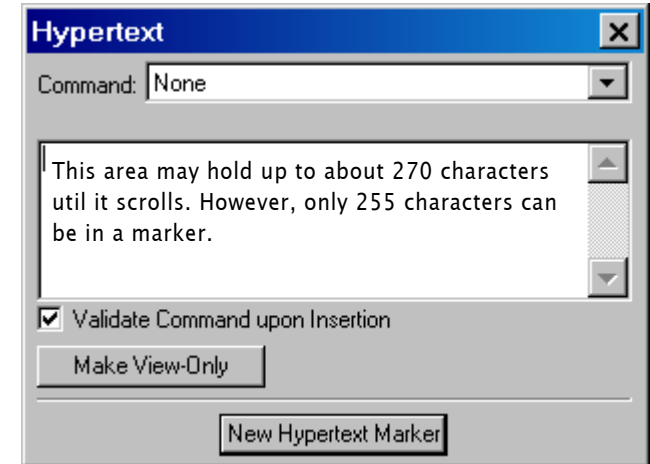
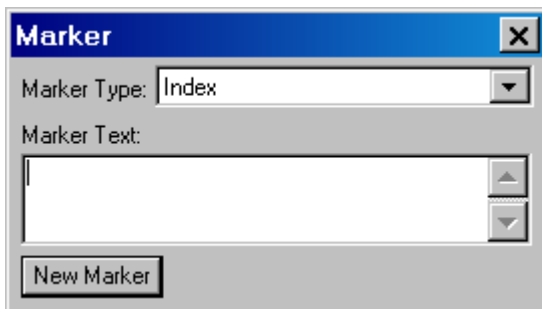


edit_hypertext (Hypertext)

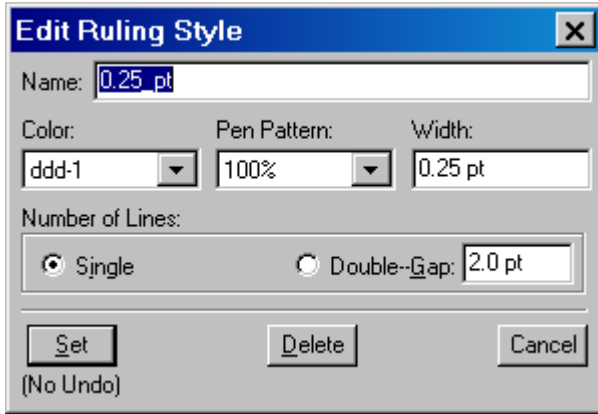


20

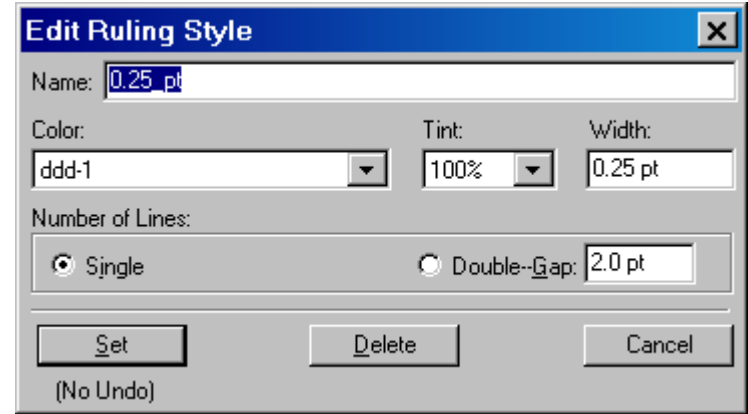
edit_markers (Marker)



editrule (Edit Ruling Style)



Pen pattern has no meaning → Tint
More space for colour needed.



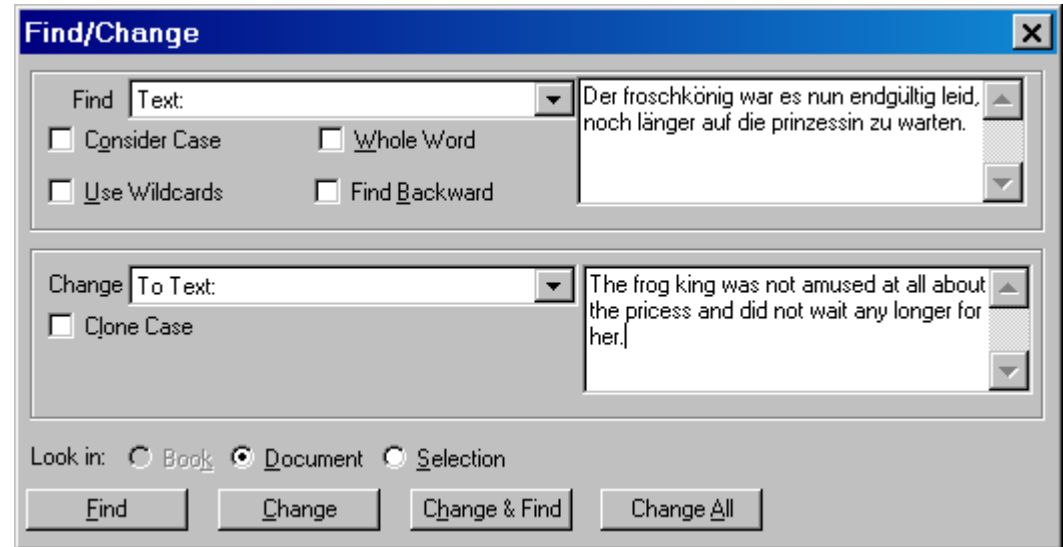
21

edit_search (Find/Change)

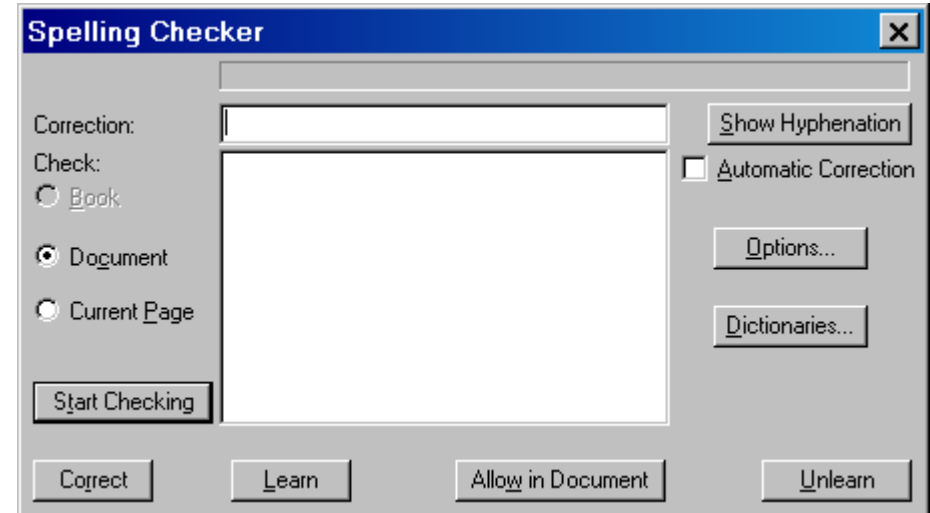
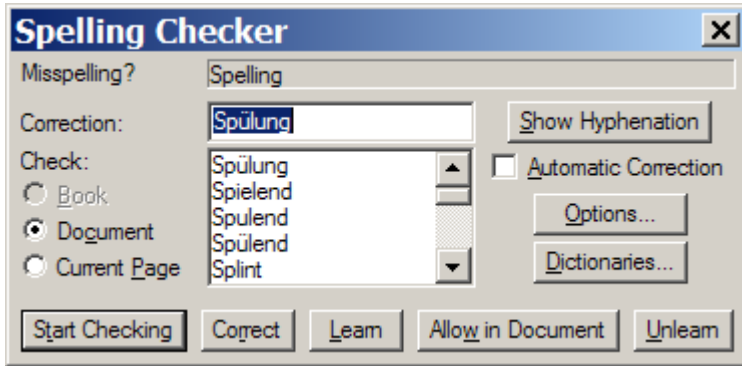


Change All at the standard location of **Cancel** is quite dangerous!

The horizontal scrolling in the fields does not account for long entried.



edit_spell (Spelling Checker)



fileinfo (File Info)

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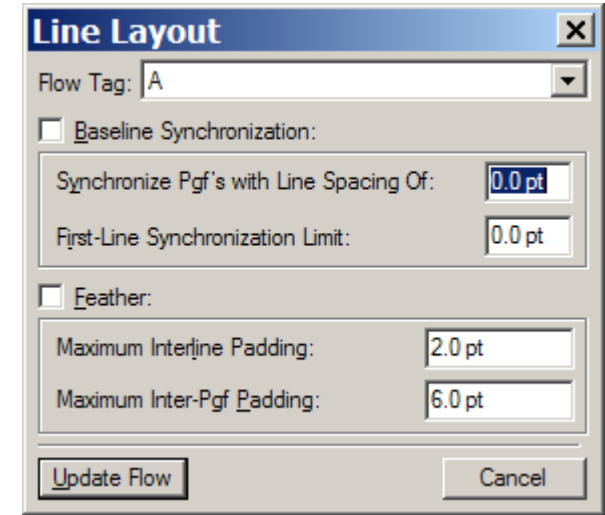
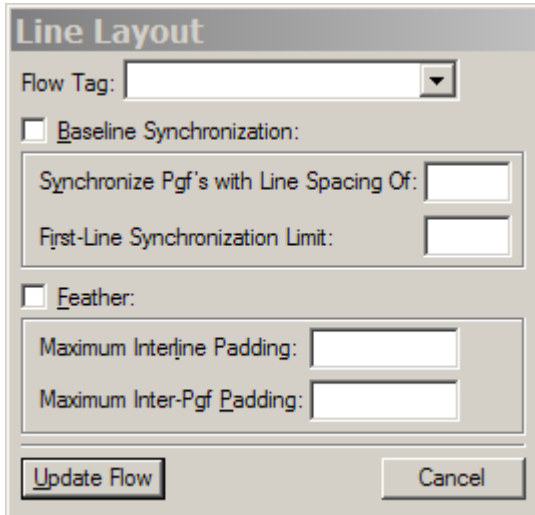
The 'File Info' dialog box is shown with all input fields empty. It includes checkboxes for Author, Title, Subject, Keywords, Copyright, Web Statement, Job Reference, and Marked. Below these are fields for Create Date, Modify Date, and Metadata Date. At the bottom, there is a 'Set' button, a '(No Undo)' label, and a 'Cancel' button.

The 'File Info' dialog box is shown with the following populated fields:

- Author: Klaus Daube
- Title: FrameMaker 8.0p277 GUI modifications
- Subject: FrameMaker for power users
- Keywords: FrameMaker, advanced user, user interface, dialogue
- Copyright: Docu + Design Daube, Zurich, Switzerland
- Web Statement: <http://www.daube.ch/docu/fmaker36.htm>
- Job Reference: (empty)
- Marked: Unknown
- Create Date: 2005-07-04T15:58:45.OZ
- Modify Date: 2009-09-19T10:44:57.OZ
- Metadata Date: 2009-09-19T10:44:57.OZ

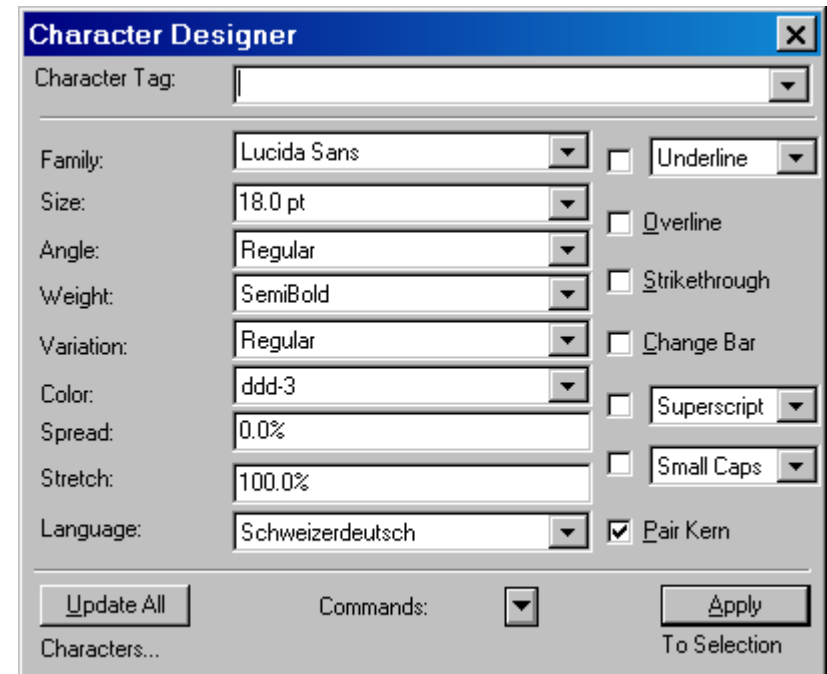
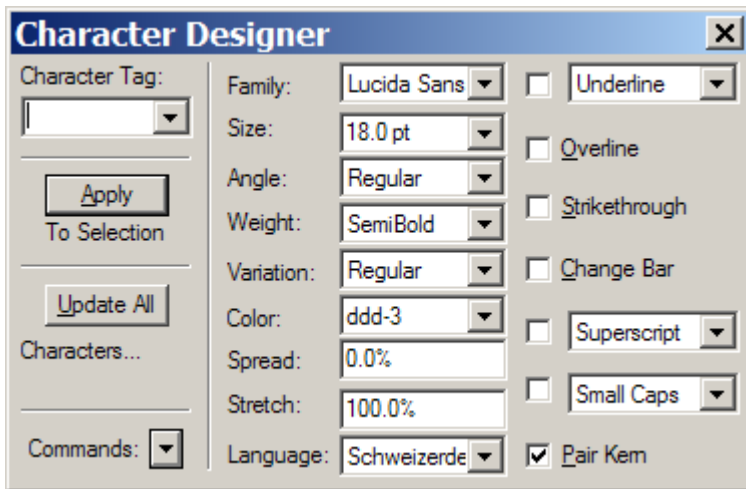
At the bottom, there is a 'Set' button, a '(No Undo)' label, and a 'Cancel' button.

flow_props (Line Layout)



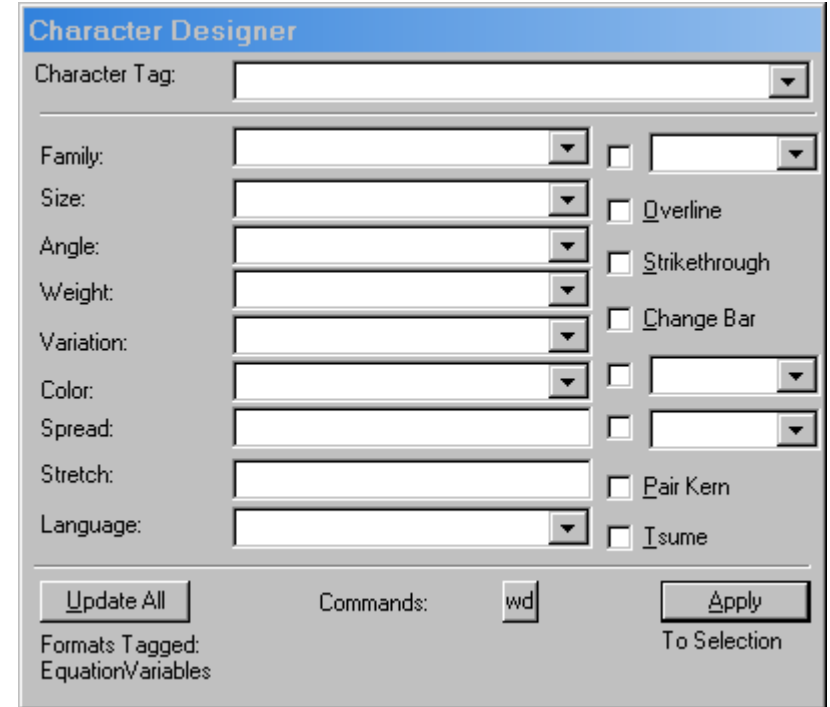
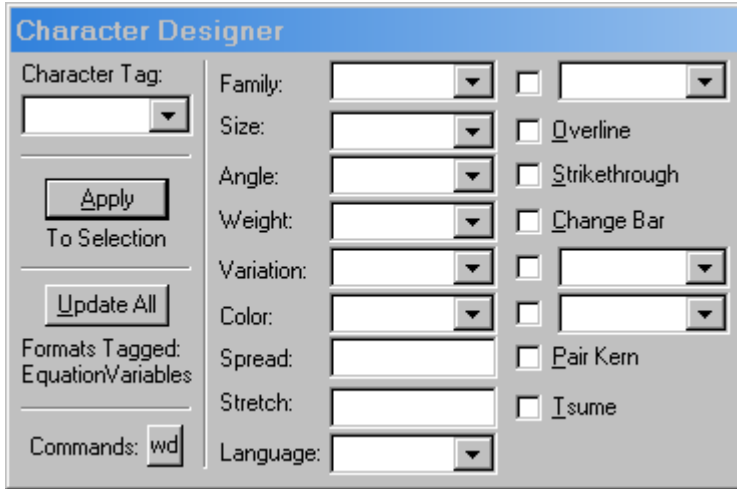
24

fontdesign (Character Designer)



fontdesign_tsume (Character Designer)

25



fontsearch (Find Character Format)

Find Character Format

Family: Underline

Size: Overline

Angle: Strikethrough

Weight: Change Bar

Variation: Superscript

Color: Small Caps

Spread: Pair Kern

Stretch:

Language:

Find Character Format

Family: Underline

Size: Overline

Angle: Strikethrough

Weight: Change Bar

Variation: Superscript

Color: Small Caps

Spread: Pair Kern

Stretch:

Language:

footnote (Footnote Properties)

Footnote | Table Footnote

Maximum Height Per Column: Paragraph Format:

Numbering Style:

To set the Numbering Style, choose Format>Document>Numbering.

Number Format:

In Main Text: Position: Prefix: Suffix:

In Footnote: Position: Prefix: Suffix:

Footnote Properties

Footnote | Table Footnote

Max. Height per Column: Paragraph Format:

Numbering Style:

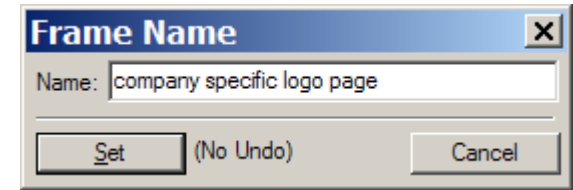
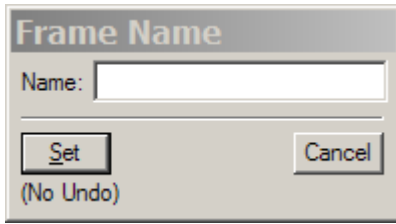
To set the Numbering Style, choose Format > Document > Numbering.

Number Format:

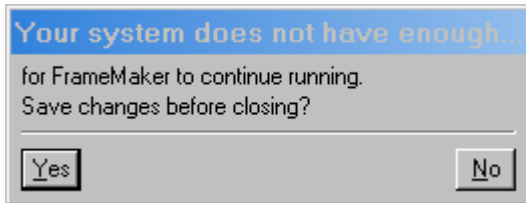
In Main Text: Position: Prefix: Suffix:

In Footnote: Position: Prefix: Suffix:

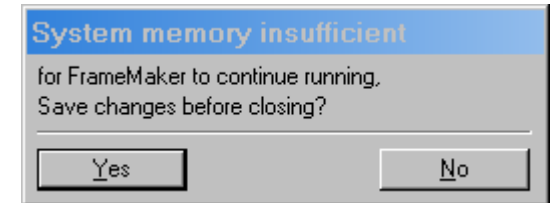
frame_name (Frame Name)



hard_heap_full (System memory insufficient)



Title is far to long => truncated



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history (History)

This dialogue is resizable, hence no need for a modification.

hypertext_save_cmd (Hypertext Command)

Do not know where this dialogue is used in **FM-8**.- probably not used any more.

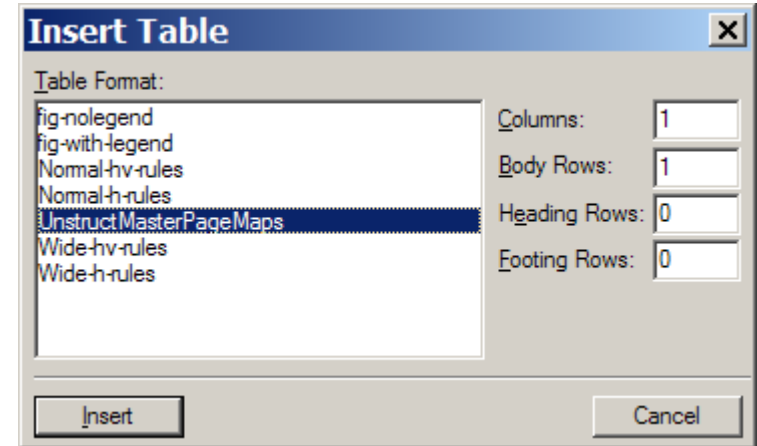
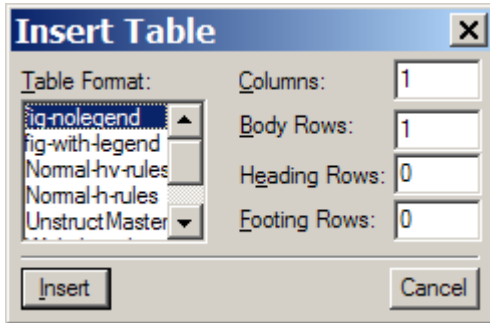
ins_hypertext (Insert Hypertext)

Do not know where this dialogue is used in **FM-8**.- probably not used any more.

ins_marker (Marker)

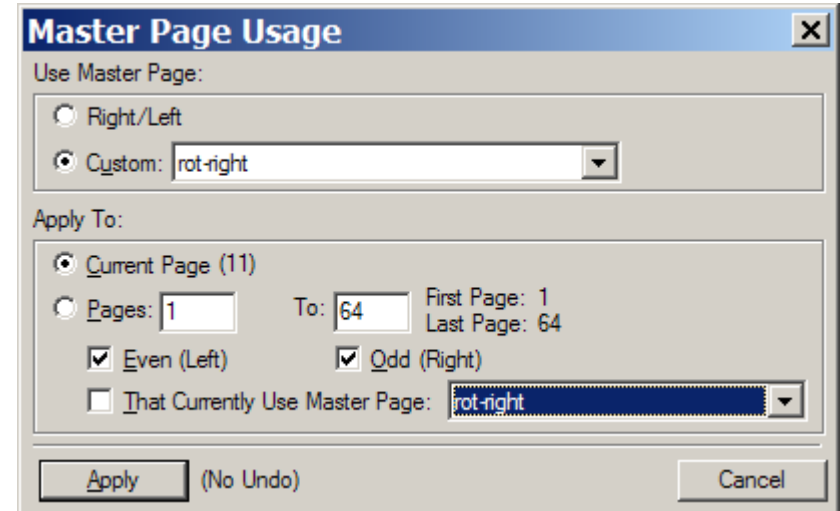
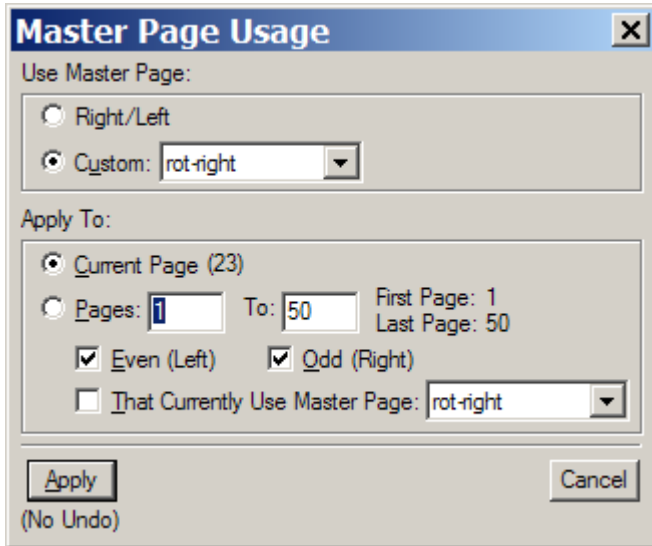
Do not know where this dialogue is used in **FM-8**.- probably not used any more.

ins_tab (Insert Table)

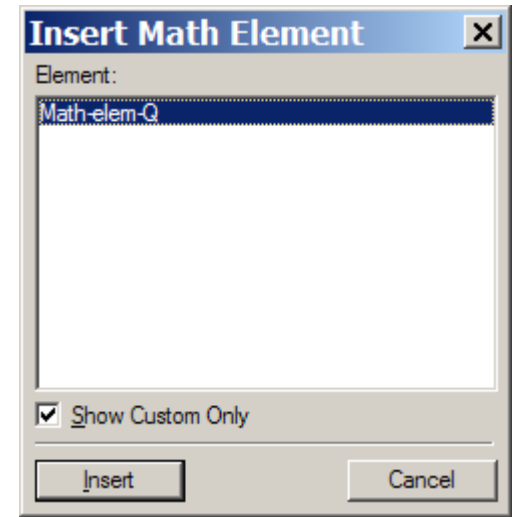
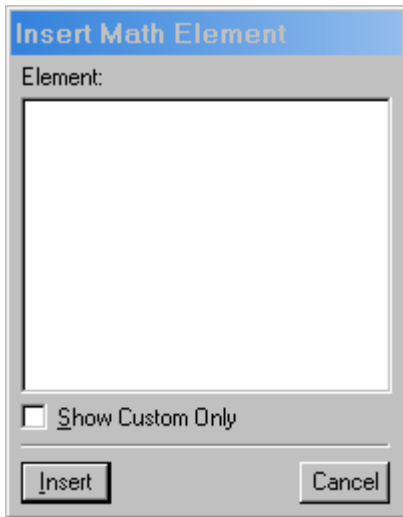


28

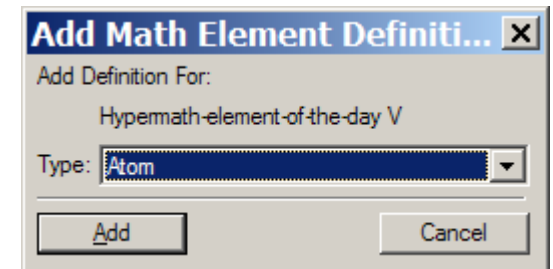
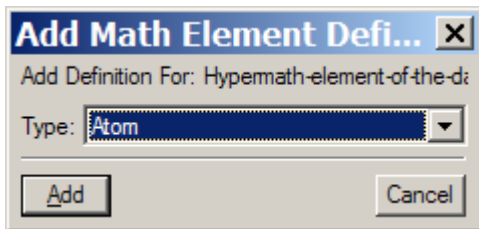
masterpageuse (Master Page Usage)



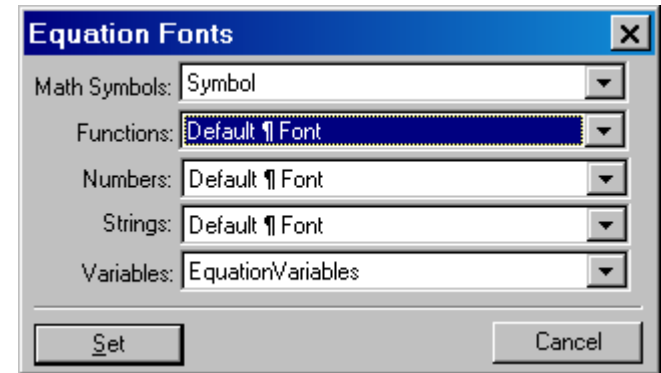
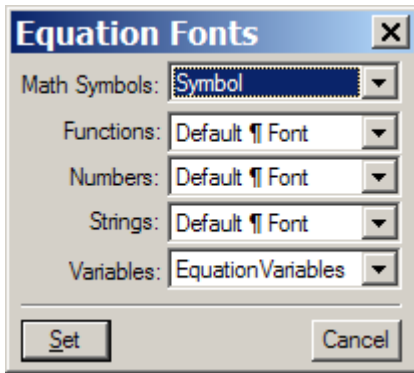
math_elem_ins (Insert math Element)



math_elem_new (Add Math Element Definition)

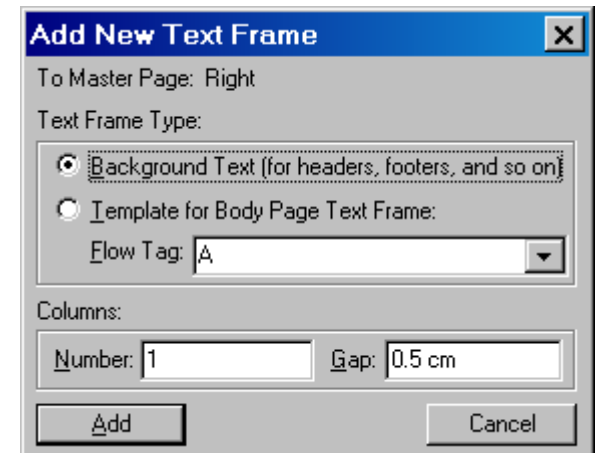
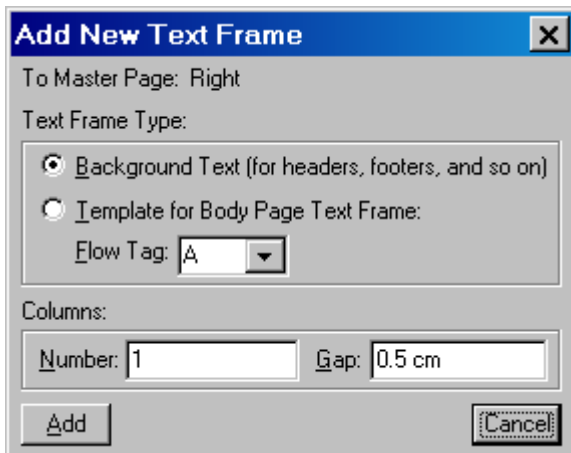


math_fonts (Equation Fonts)

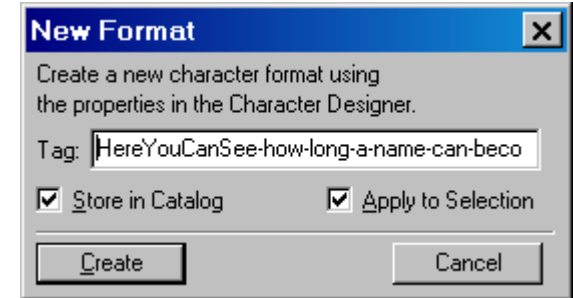
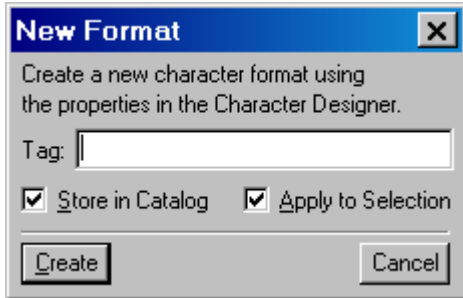


30

new_master-tf (Add New Text Frame)

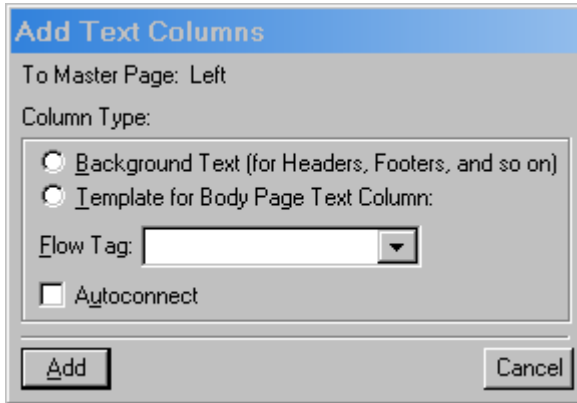


newcharformat (New Format)



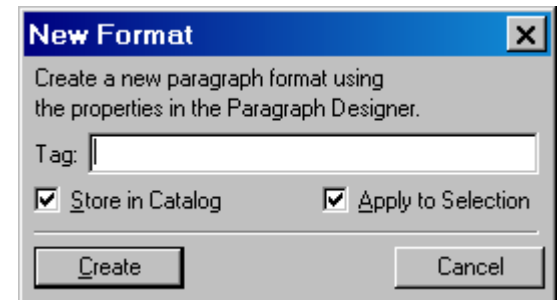
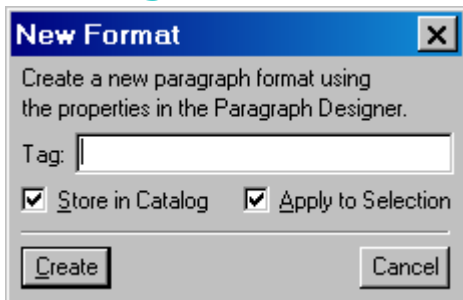
31

newmpcolumn (Add Text Columns)

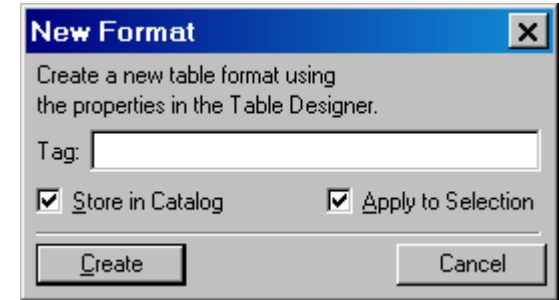
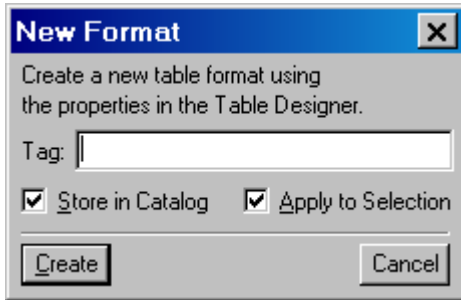


Usage not found, most likely abandoned and superseded by *new_master-tf (Add New Text Frame)* on page 30.

newpgfformat (New Format)

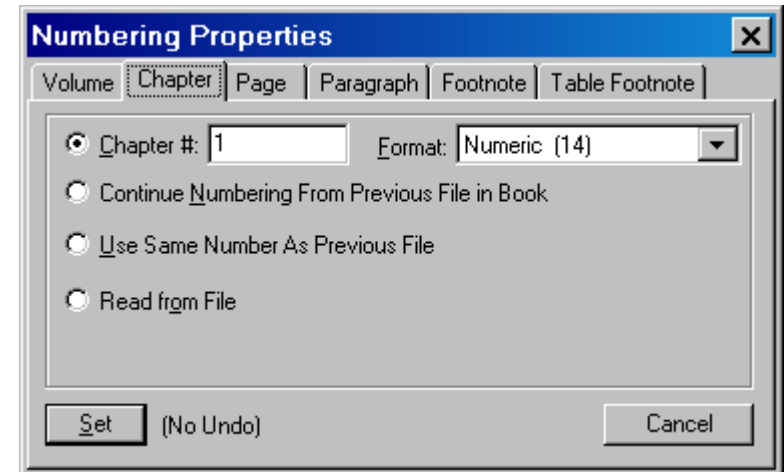
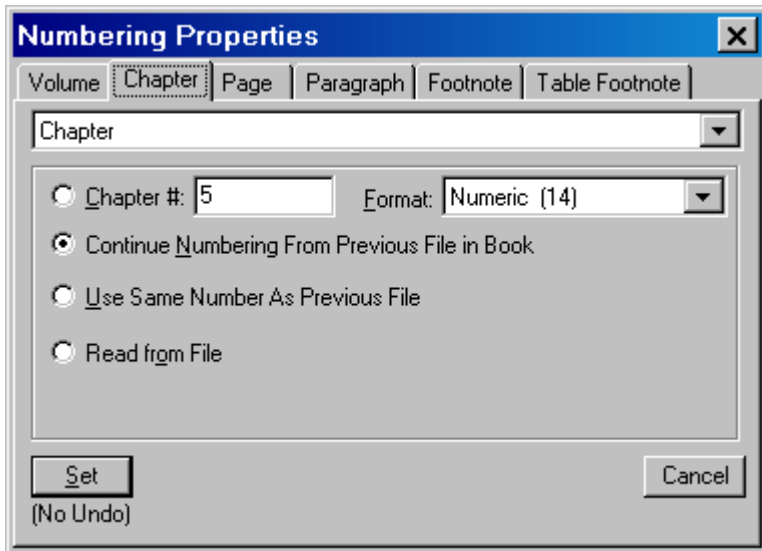


newtableformat (New Format)



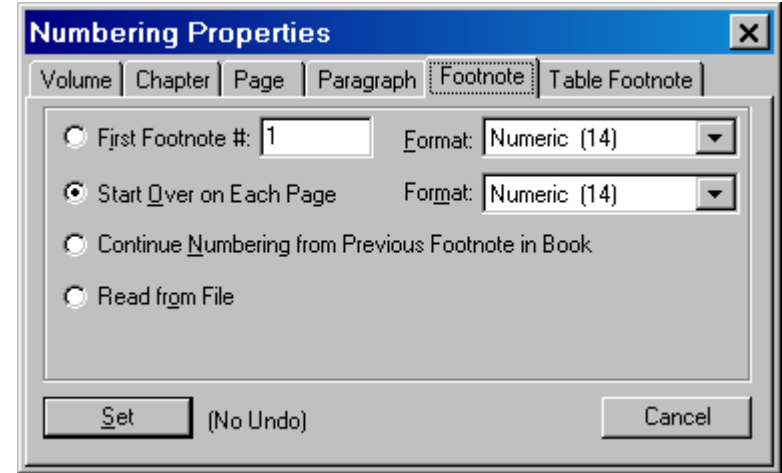
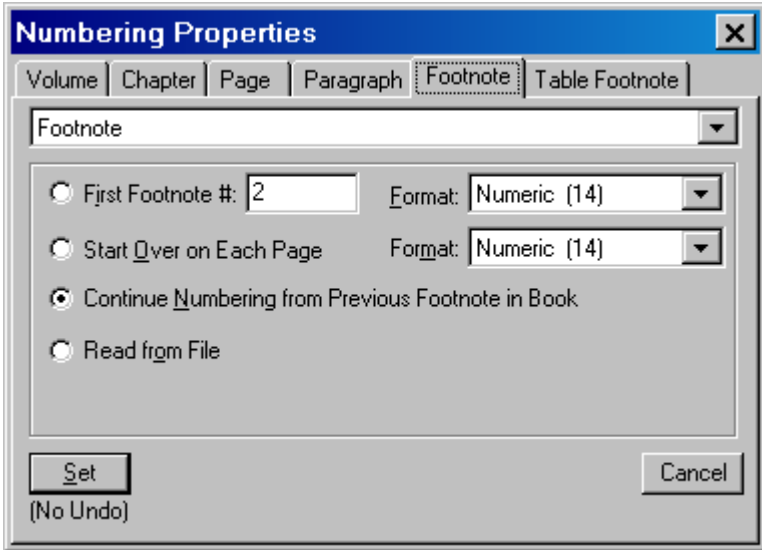
32

num_chapters (Numbering Properties - Chapter)

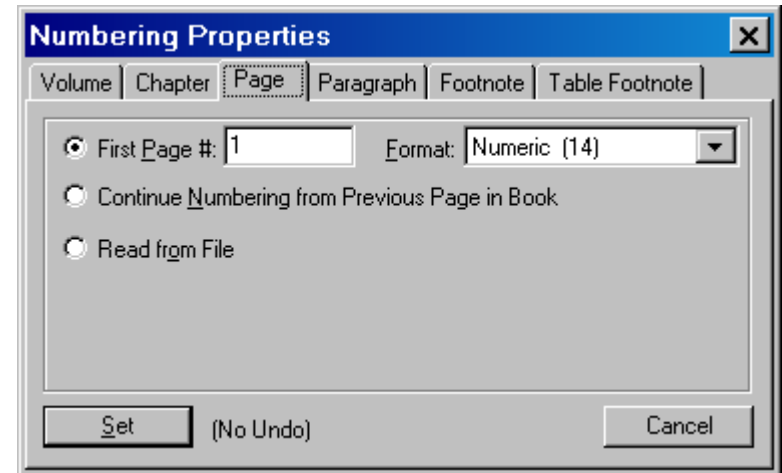
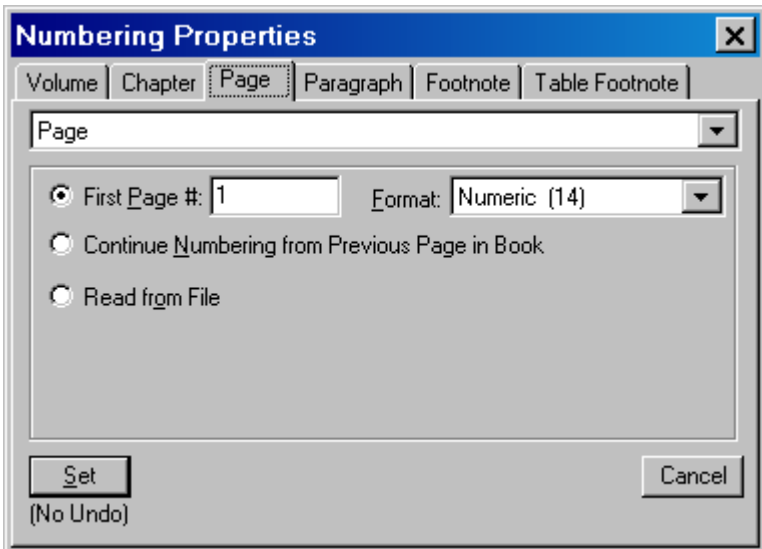


num_footnotes (Numbering Properties - Footnote)

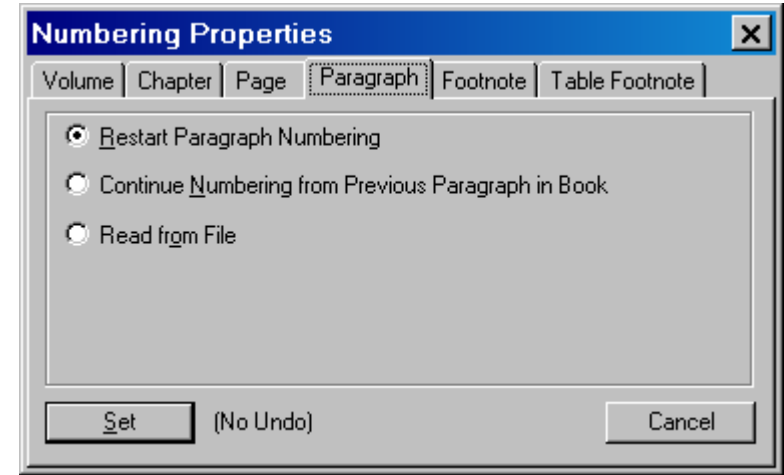
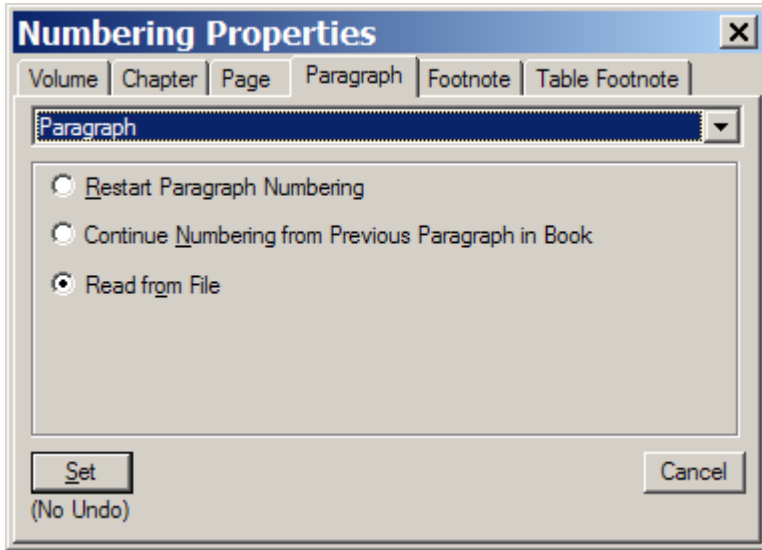
33



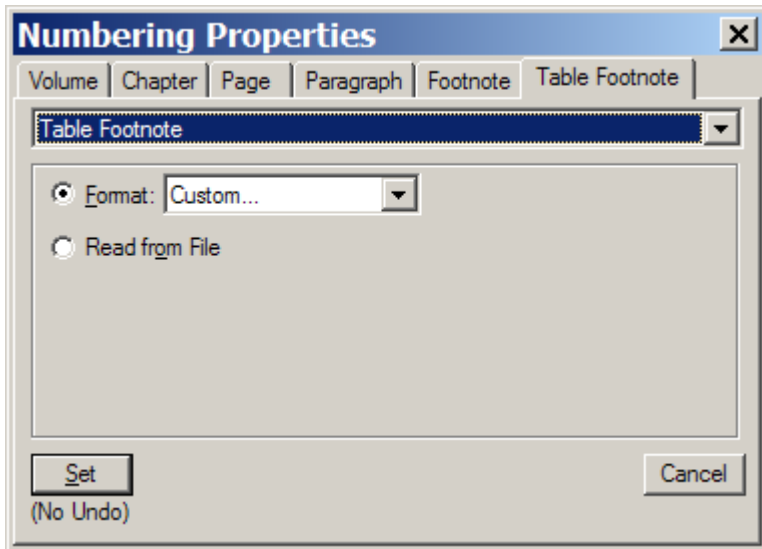
num_pages (Numbering Properties - Page)



num_paragraphs (Numbering Properties - Paragraph)

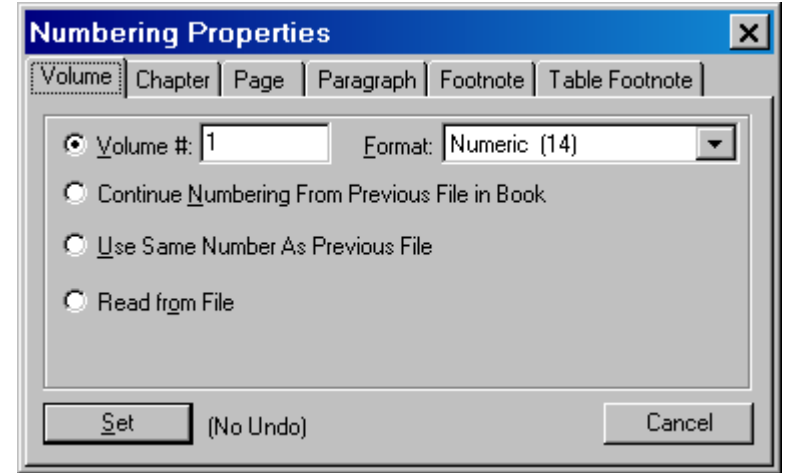
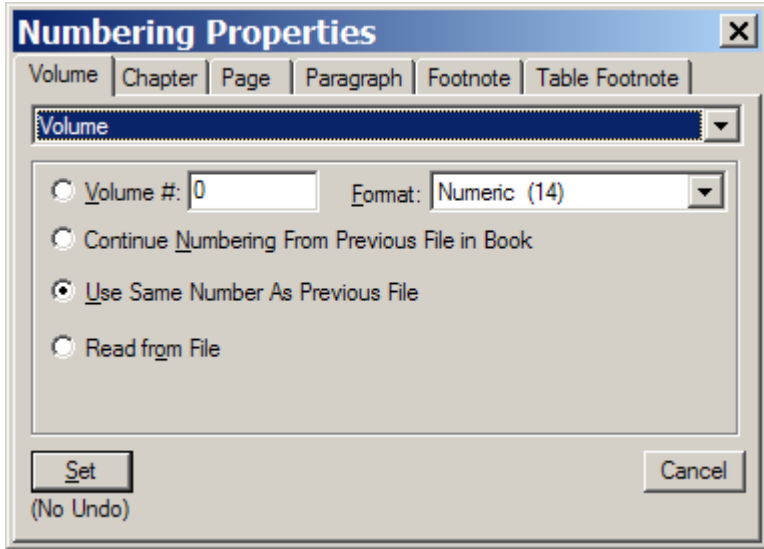


num_tablefoots (Numbering Properties - Table Footnote)

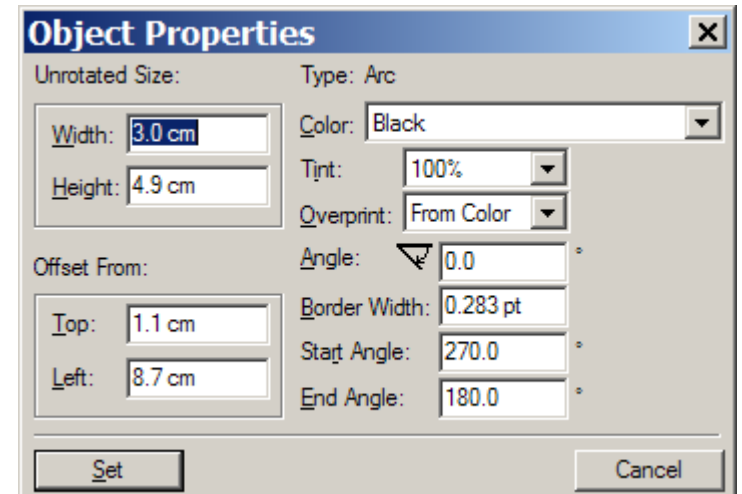
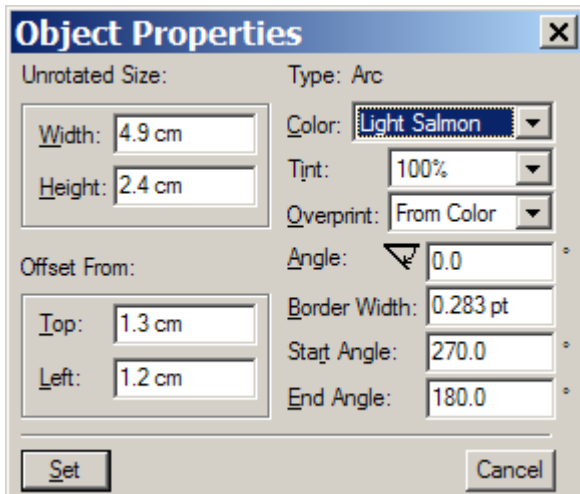


num_volumes (Numbering Properties - Volume)

35



obj_prop_arc (Object Properties - Arc)



obj_prop_frame (Object Properties - Anchored Frame)

Object Properties [X]

Unrotated Size: Type: Anchored Frame

Width: 26.0 cm Height: 4.0 cm

Color: Black Tint: 100%

Offset From: Top: 2.635 cm Left: 1.7 cm

Overprint: From Color Angle: 0°

Object Attributes... Border Width: 1.0 pt

Set Cancel

Object Properties [X]

Unrotated Size: Type: Anchored Frame

Width: 26.0 cm Height: 6.465 cm

Color: Black Tint: 100%

Offset From: Top: 2.635 cm Left: 1.7 cm

Overprint: From Color Angle: 0°

Object Attributes... Border Width: 1.0 pt

Set Cancel

obj_prop_line (Object Properties - Line)

Object Properties [X]

Unrotated Size: Type: Line

Width: 5.0 cm Height: 0.6 cm

Color: Forest Green Tint: 100%

Offset From: Top: 2.4 cm Left: 7.5 cm

Overprint: From Color Angle: 0.0°

Line Width: 1.417 pt

Set Cancel

An indication of arrow status was never been given.

Object Properties [X]

Unrotated Size: Type: Line

Width: 3.9 cm Height: 1.5 cm

Color: Black Tint: 100%

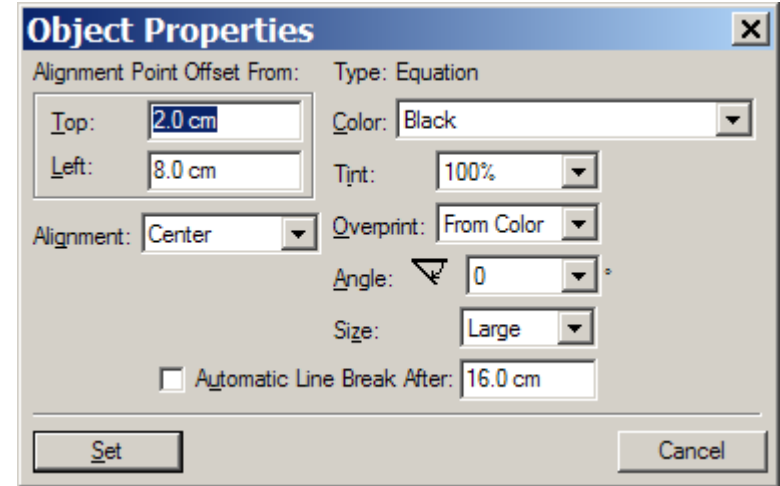
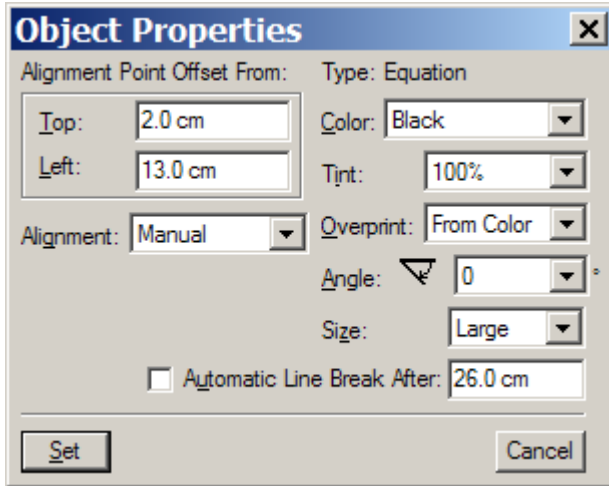
Offset From: Top: 2.3 cm Left: 16.2 cm

Overprint: From Color Angle: 0.0°

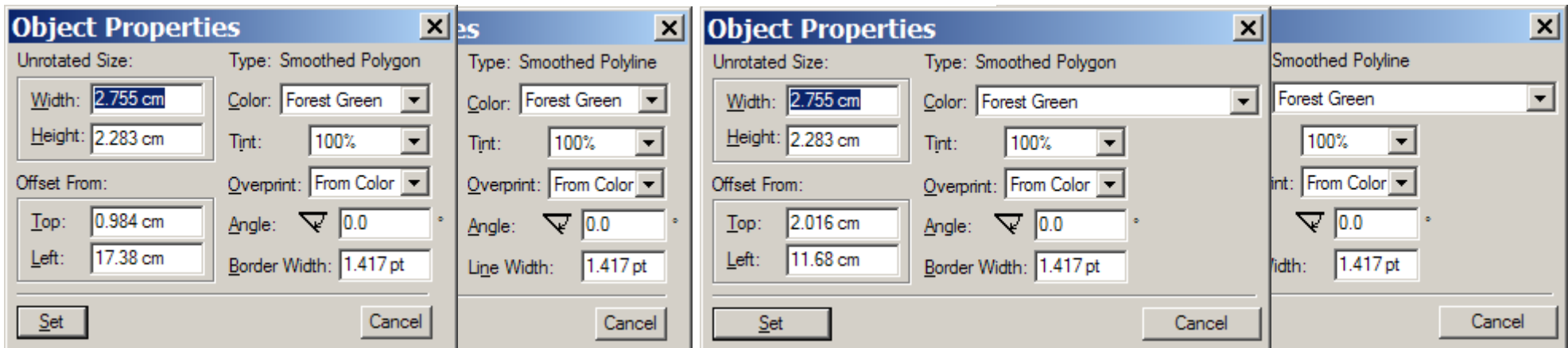
Line Width: 0.283 pt

Set Cancel

obj_prop_math (Object Properties - Equation)



obj_prop_obj (Object Properties - Smoothed Polygon/Polyline)



obj_prop_refrr (Object Properties - Reference Frame)

Object Properties [X]

Unrotated Size: Type: Reference Frame

Width: 18.0 cm Color: ddd-1

Height: 0.4 cm Tint: 100%

Offset From: Overprint: From Color

Top: 6.6 cm Angle: 0

Left: 2.5 cm Border Width: 1.0 pt

Name: Double Line

[Set] [Cancel]

Object Properties [X]

Unrotated Size: Type: Reference Frame

Width: 6.4 cm Color: Black

Height: 0.2 cm Tint: 100%

Offset From: Overprint: From Color

Top: 3.2 cm Angle: 0

Left: 2.5 cm Border Width: 1.0 pt

Name: ztf-table-footnote

[Set] [Cancel]

obj_prop_rrect (Object Properties - Rounded Rectangle)

Object Properties [X]

Unrotated Size: Type: Rounded Rectangle

Width: 4.7 cm Color: Forest Green

Height: 2.6 cm Tint: 100%

Offset From: Overprint: From Color

Top: 0.5 cm Angle: 0.0

Left: 11.8 cm Border Width: 1.417 pt

Corner Radius: 0.2 mm

[Set] [Cancel]

Object Properties [X]

Unrotated Size: Type: Rounded Rectangle

Width: 4.7 cm Color: Forest Green

Height: 2.6 cm Tint: 100%

Offset From: Overprint: From Color

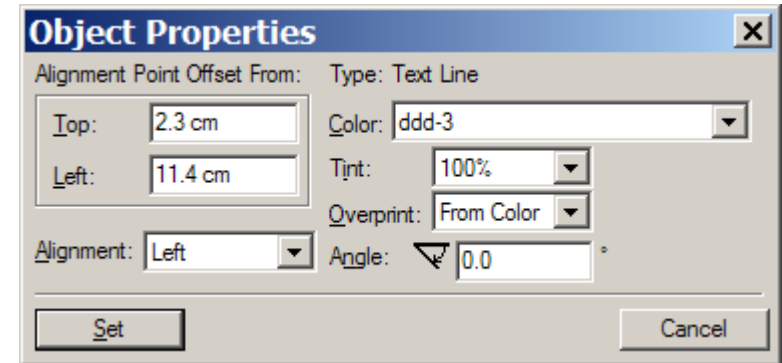
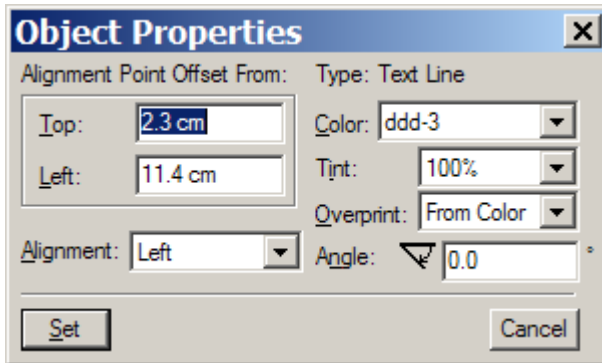
Top: 0.9 cm Angle: 0.0

Left: 8.4 cm Border Width: 1.417 pt

Corner Radius: 2 mm

[Set] [Cancel]

obj_prop_text (Object Properties - Text Line)



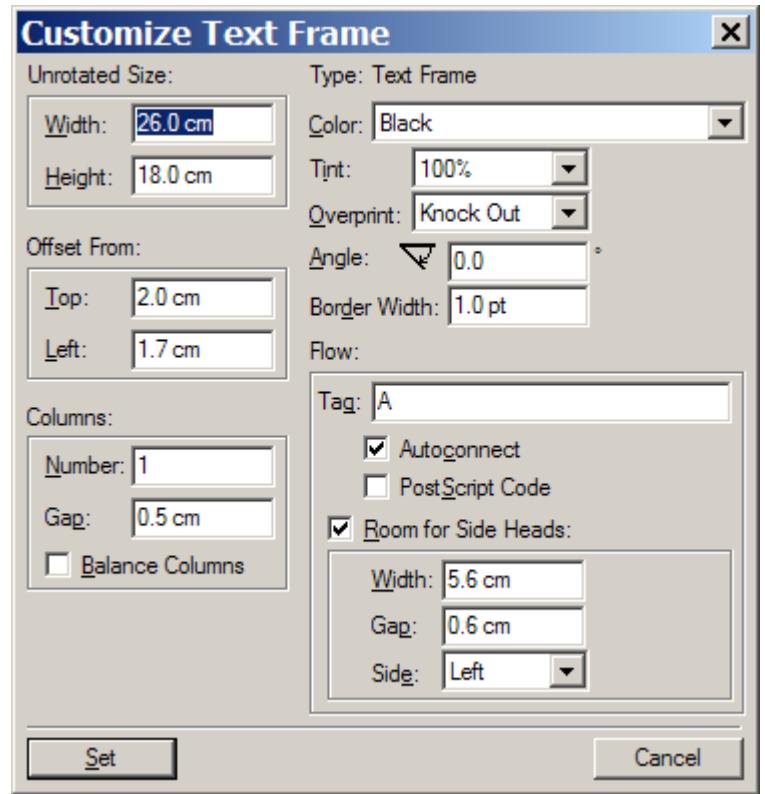
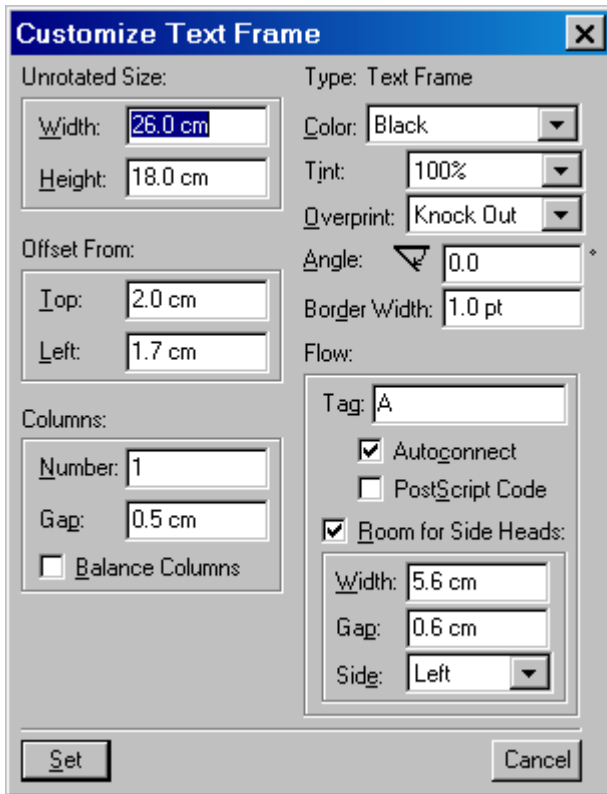
39

obj_prop_trect (Property Text Column)

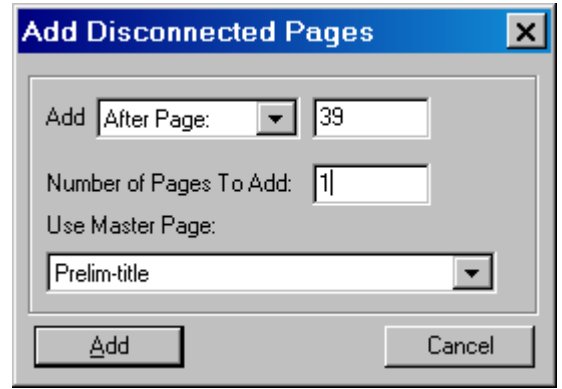
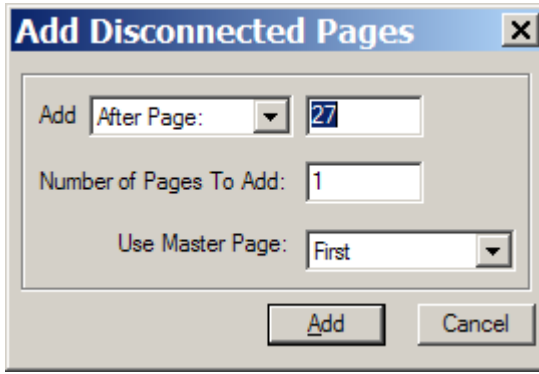
Usage not found. Most likely replaced by *obj_prop_txtfr* (*Object Properties - Customize Text Frame*) on page 40.

obj_prop_txtfr (Object Properties - Customize Text Frame)

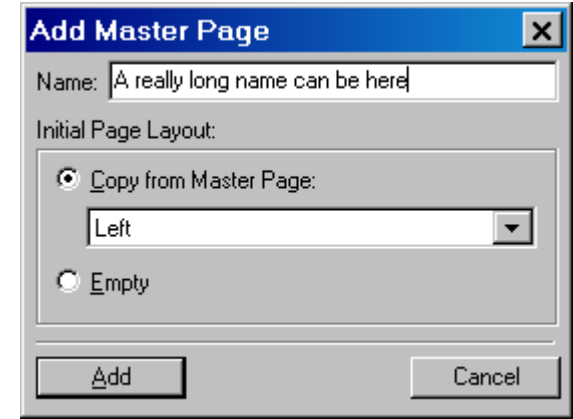
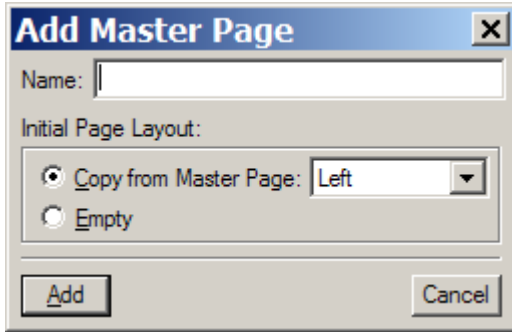
40



page_addbody (Add Disconnected Pages)

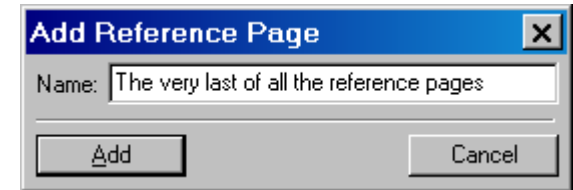
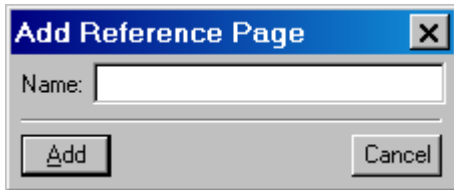


page_addmaster (Add Master Page)

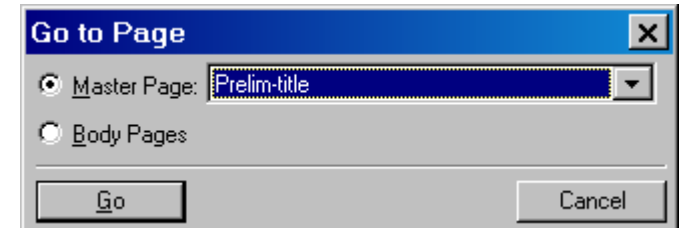
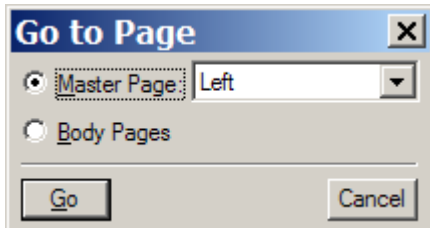


41

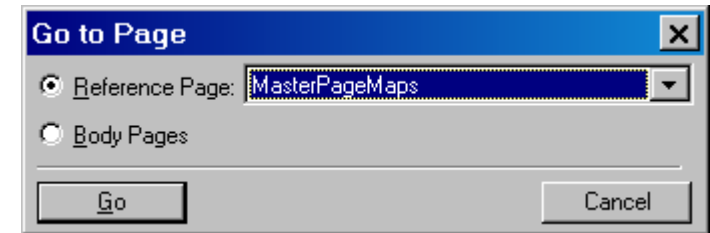
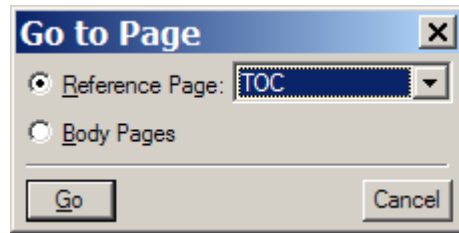
page_addef (Add Reference Page)



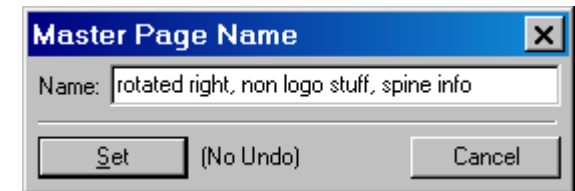
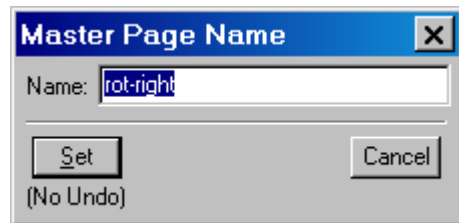
page_gomaster (Go to Page)



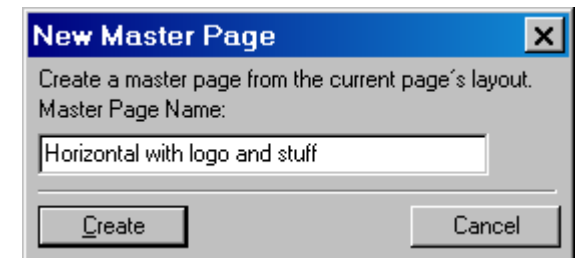
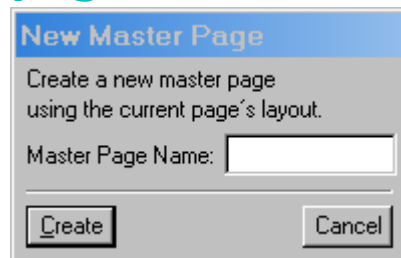
page-gotoref (Go to Page)



page_name (Master Page Name)

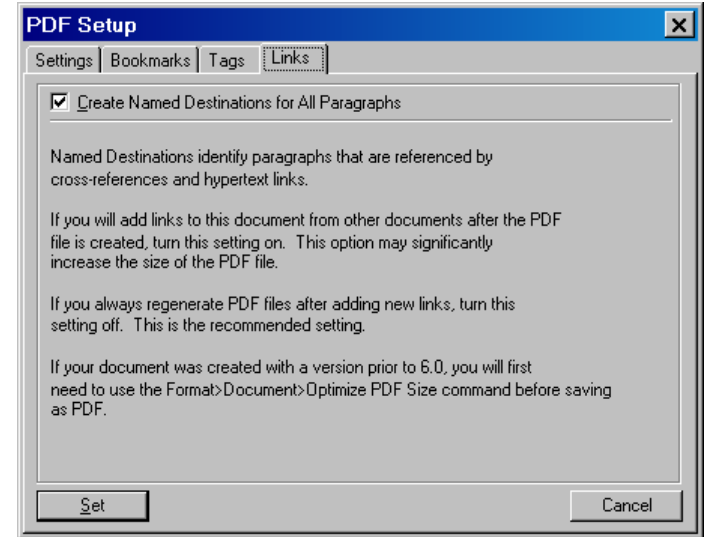
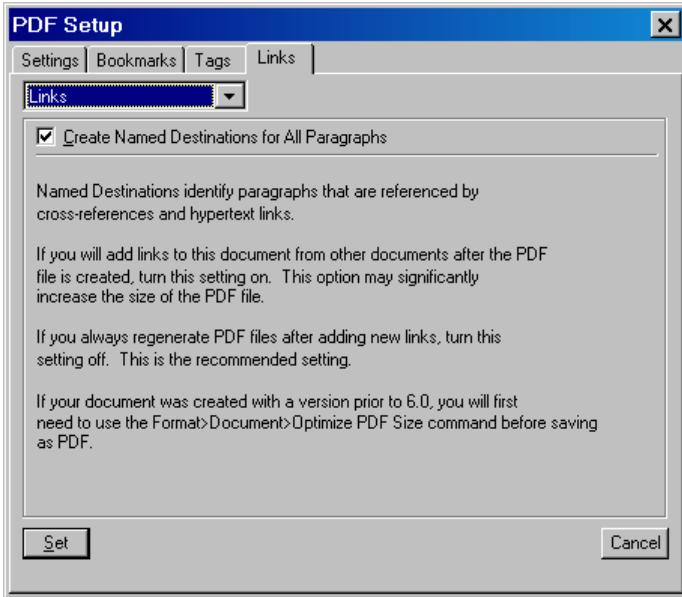


page_newmaster (New Master Page)



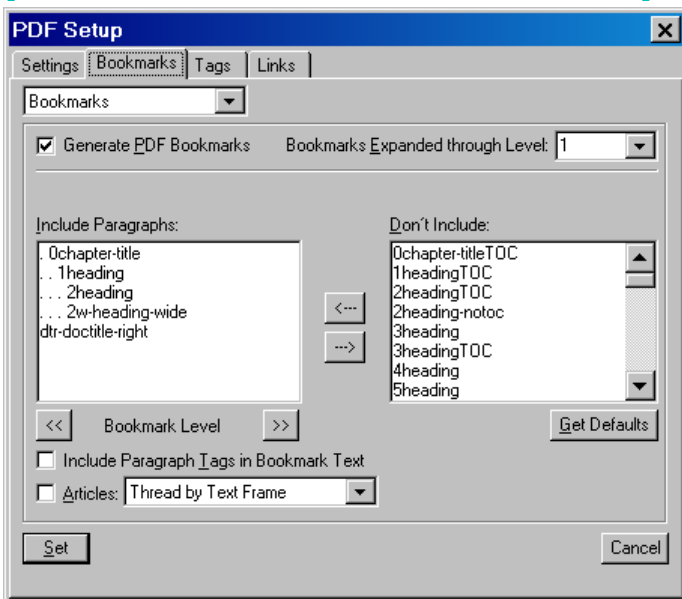
pdf_alldests (PDF Setup)

43

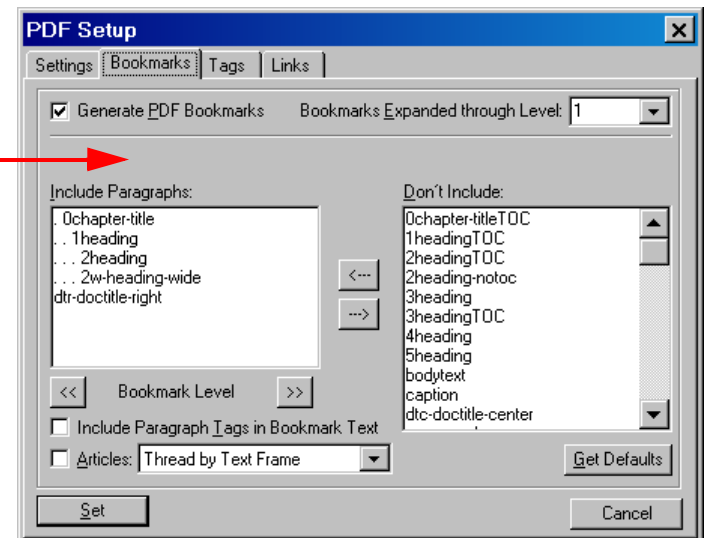


reduced to 75%

pdf_bookmarks (PDF Setup)



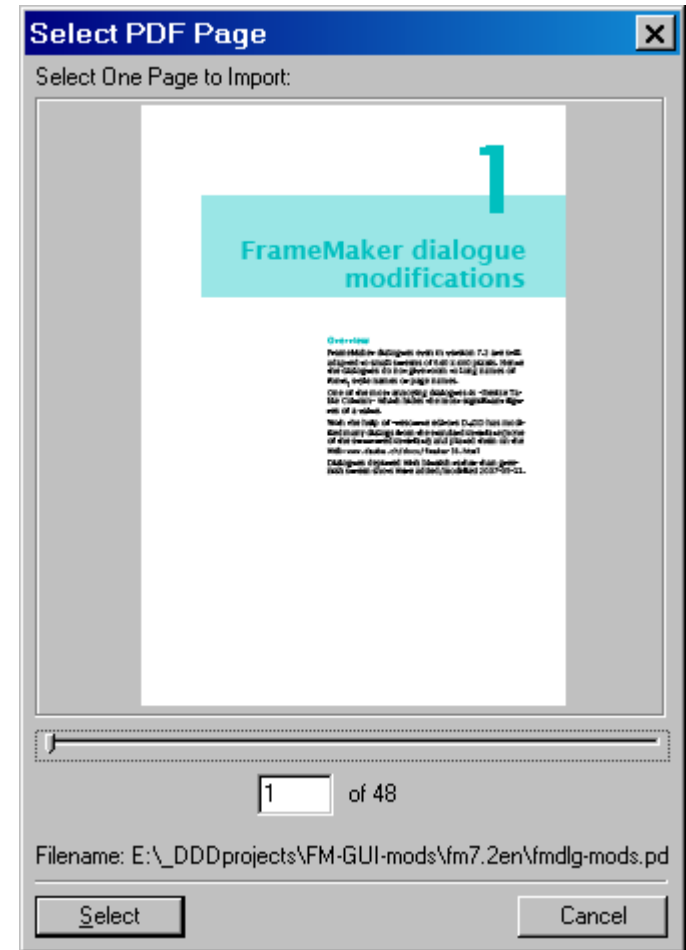
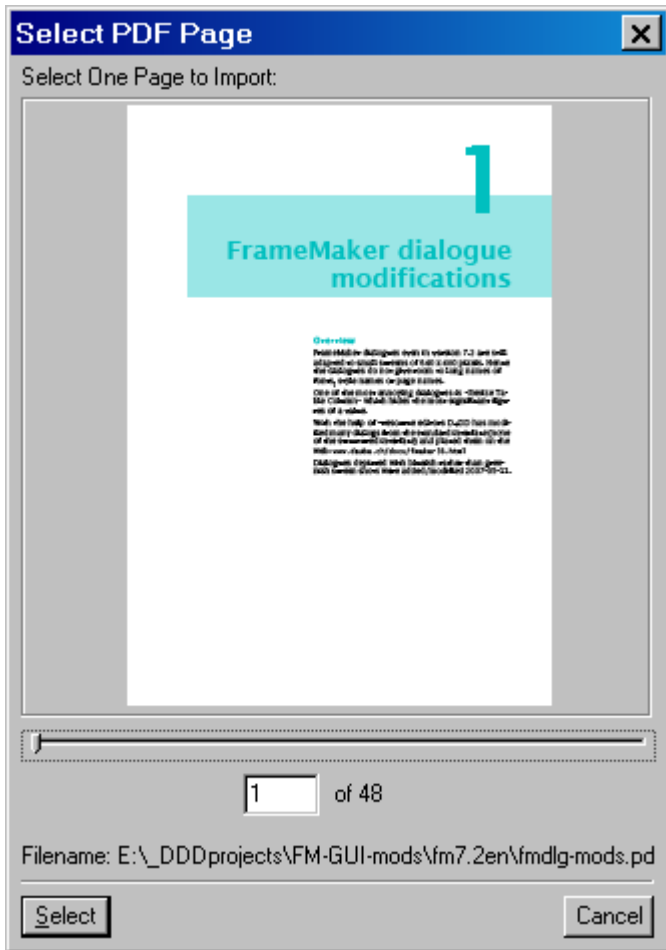
Room for drop down list
Bookmark Source



reduced to 75%

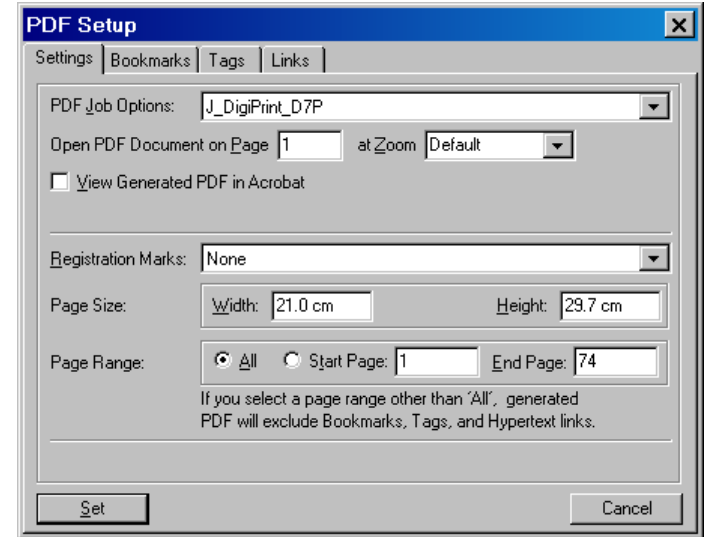
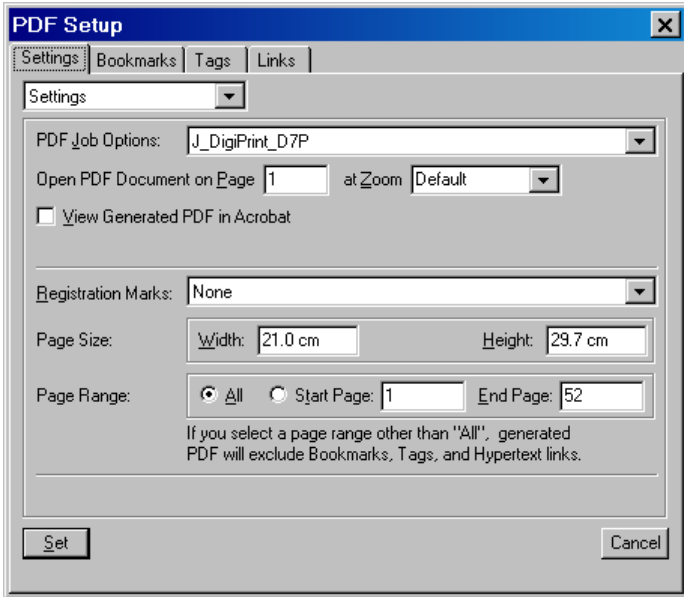
pdf_pg_picker (Select PDF Page)

44



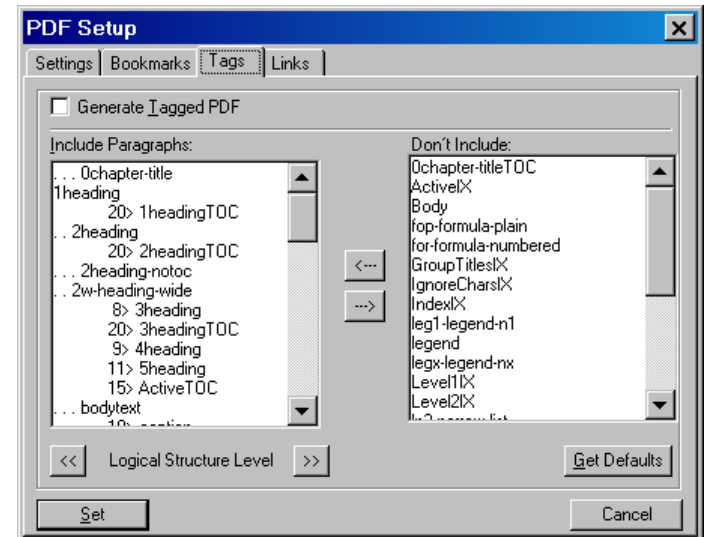
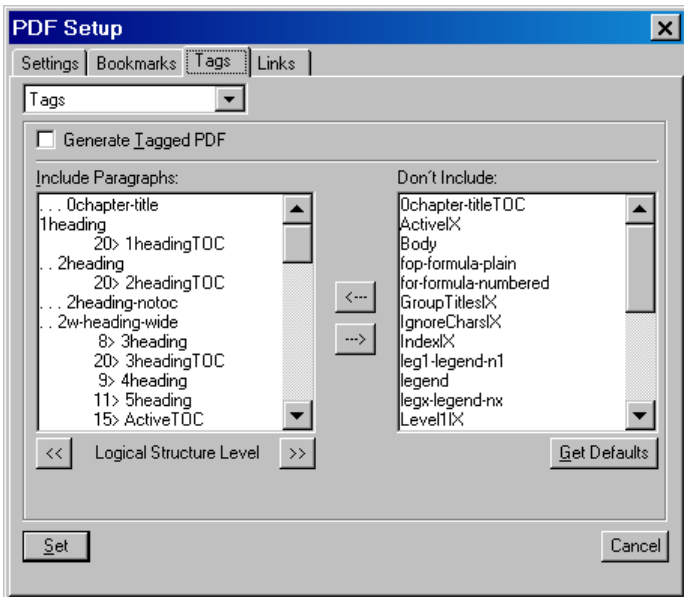
pdf_settings (PDF Setup)

45



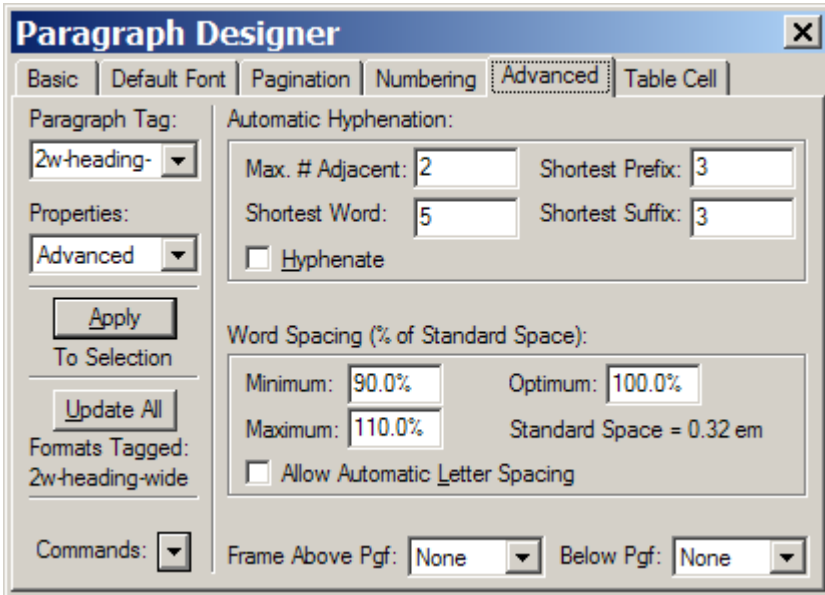
reduced to 75%

pdf_structure (PDF Setup)

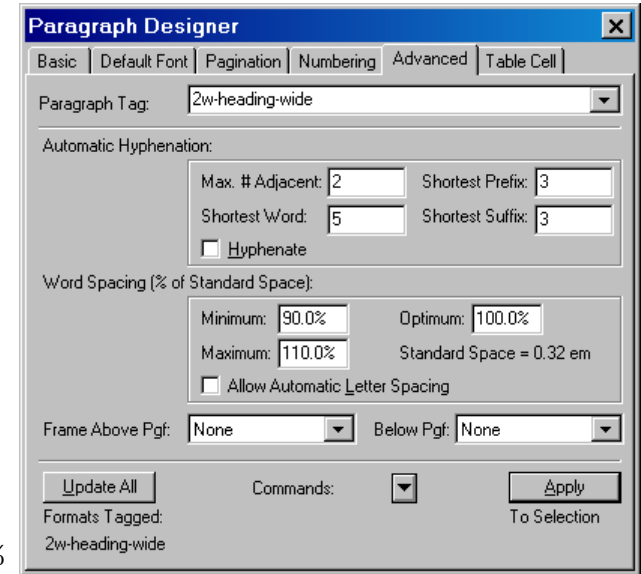


reduced to 75%

pgfadvance (Paragraph Designer - Advanced)

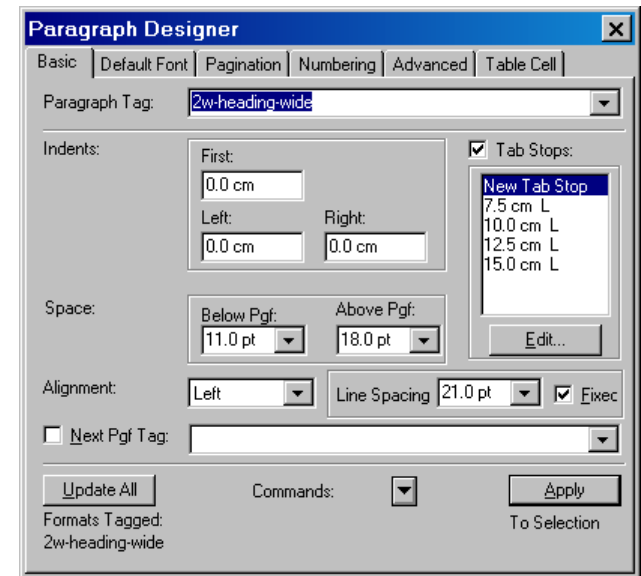
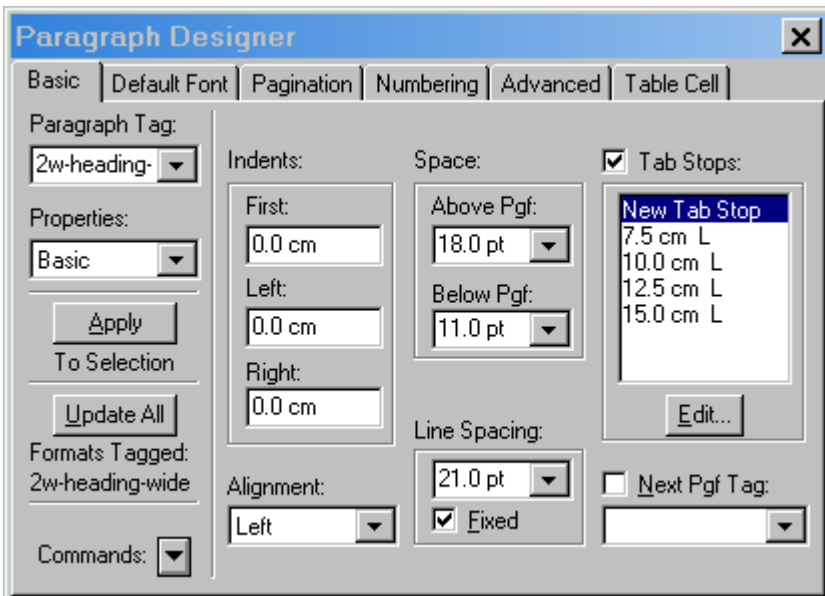


46



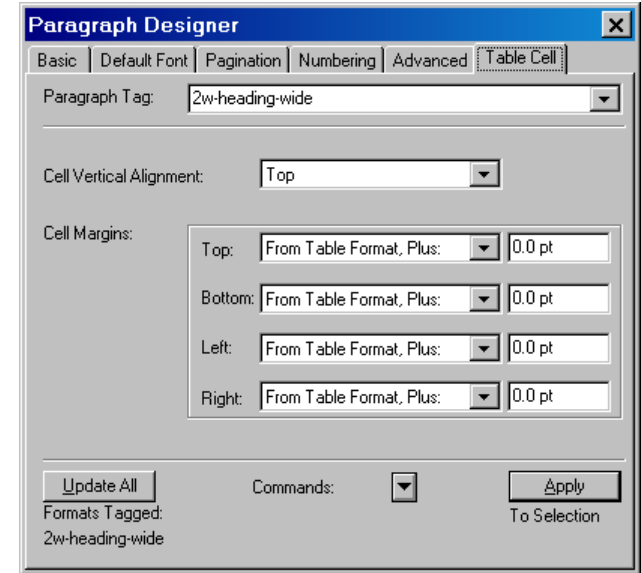
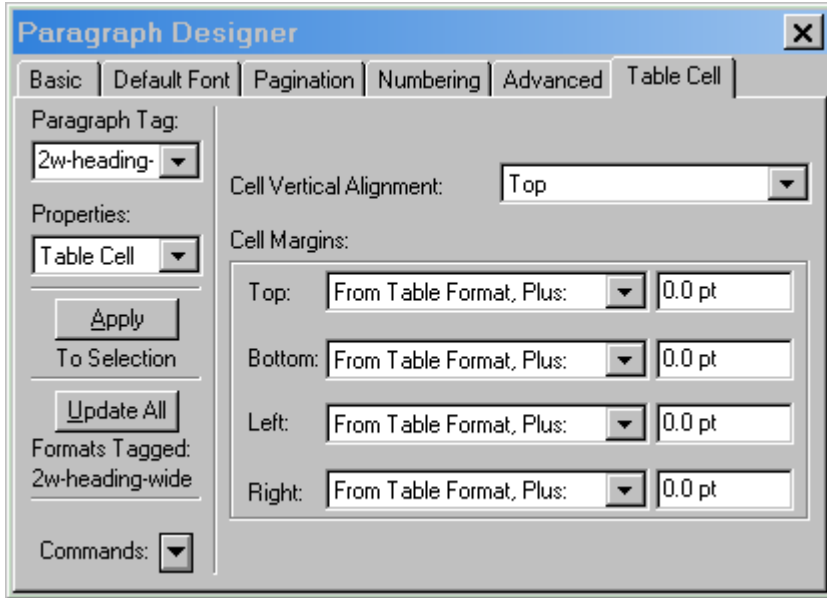
Reduced to 75%

pgfbasic (Paragraph Designer - Basic)



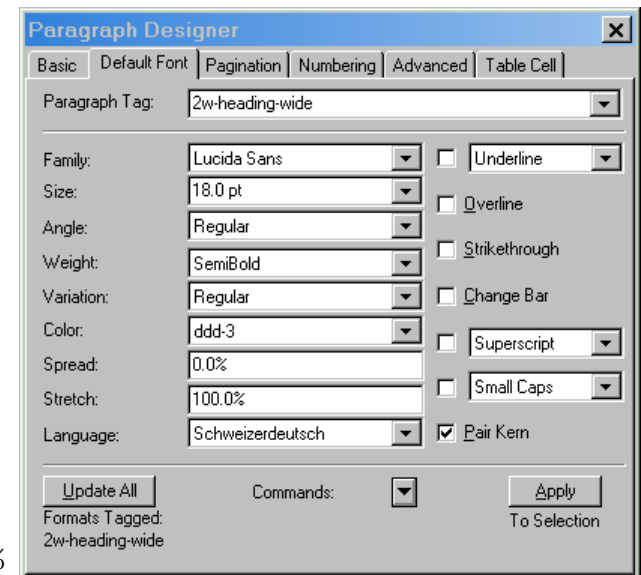
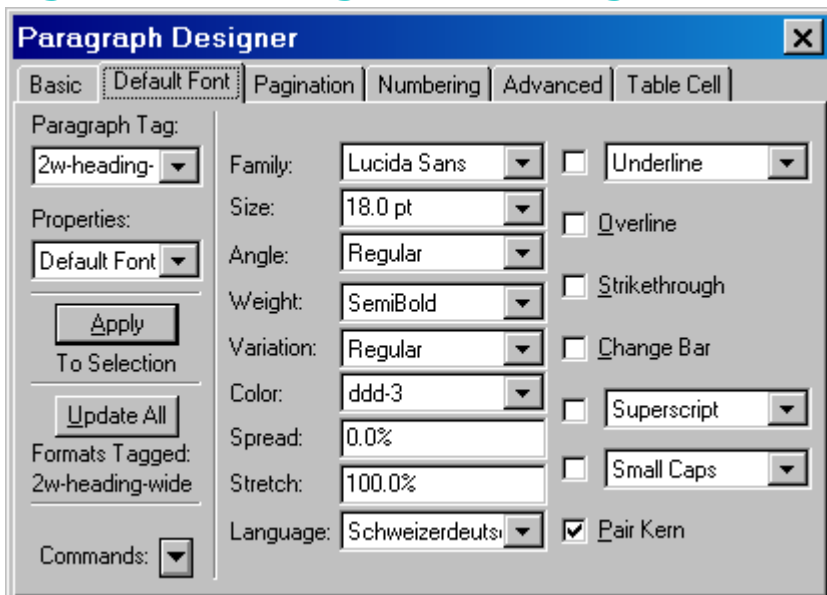
Reduced to 75%

pgfcell (Paragraph Designer - Table Cell)



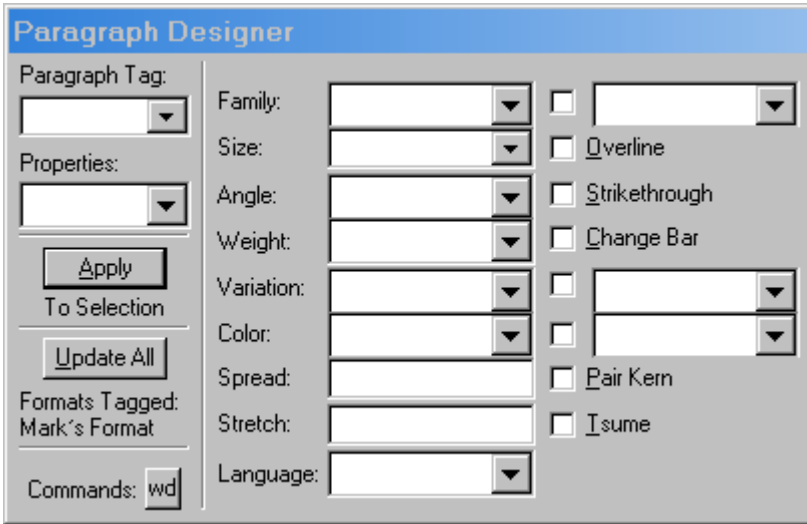
Reduced to 75%

pgffont (Paragraph Designer - Default Font)

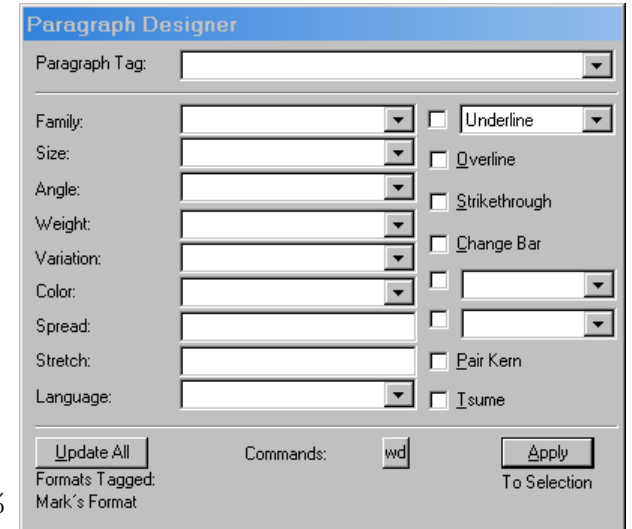


Reduced to 75%

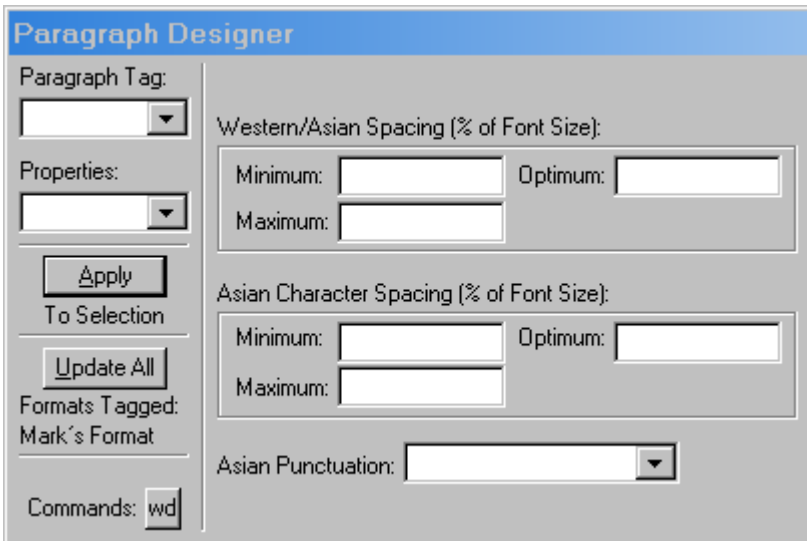
pgffont_tsume (Paragraph Designer - Default Font)



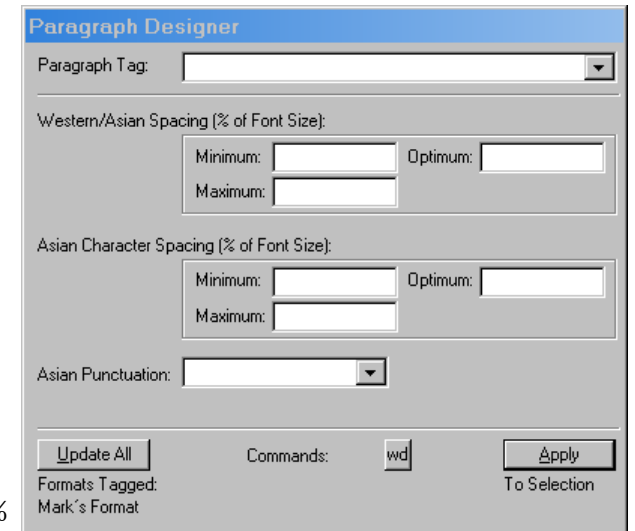
Reduced to 75%



pgfjspacing (Paragraph Designer - Japanese Spacing)

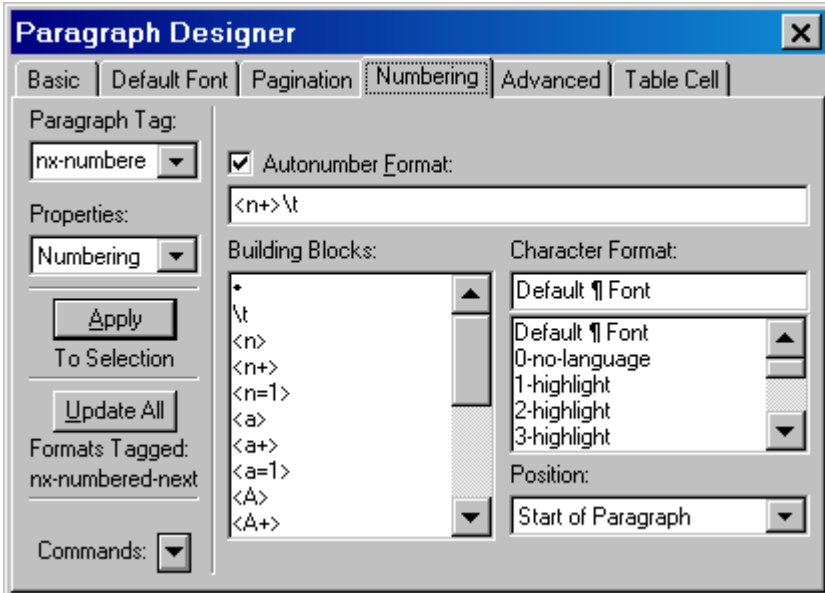


Reduced to 75%

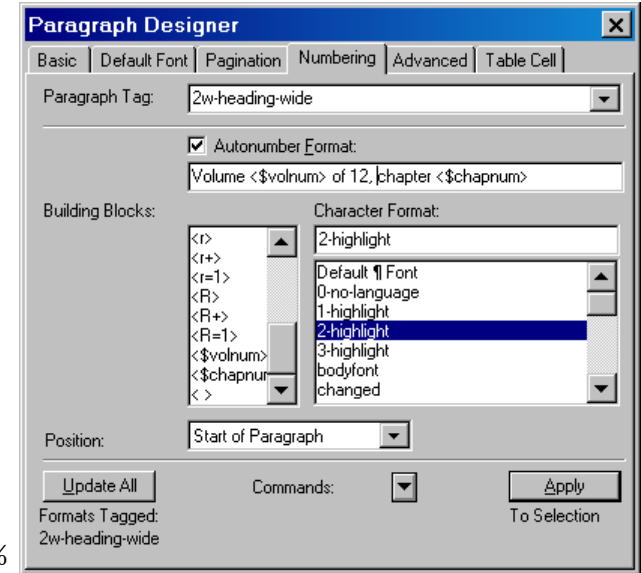


pgfnum (Paragraph Designer - Numbering)

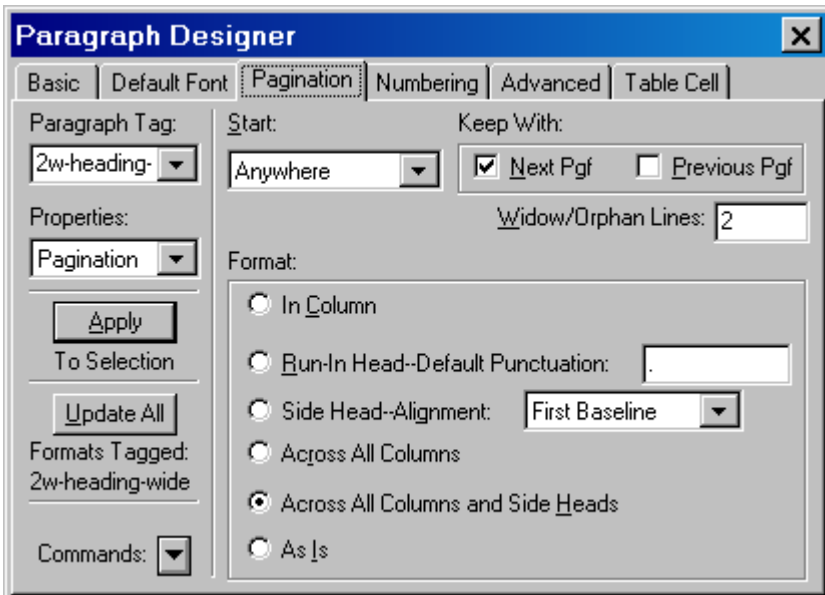
49



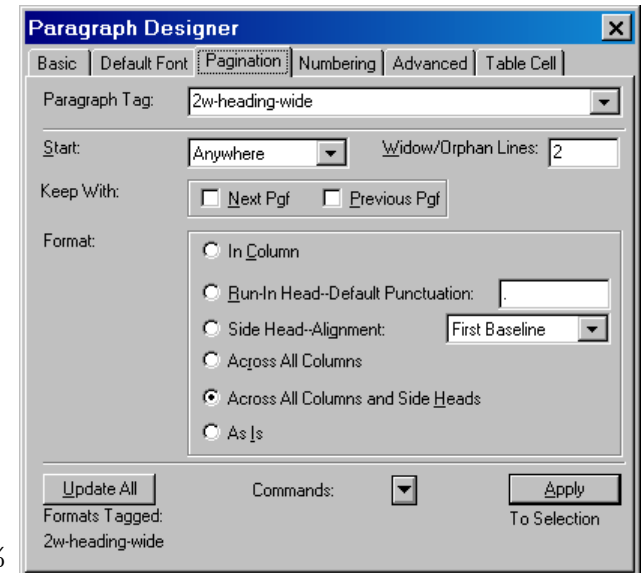
Reduced to 75%



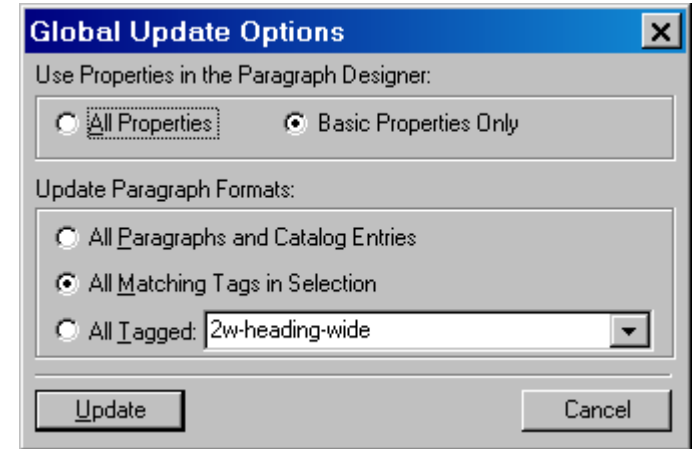
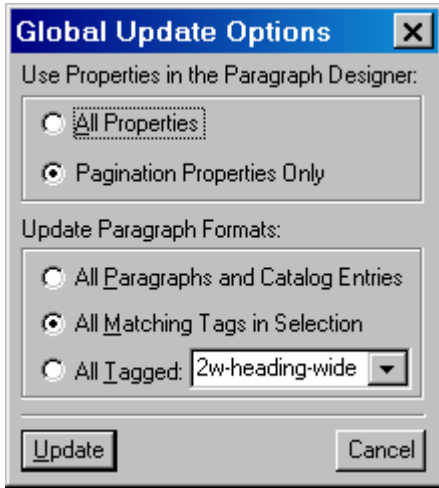
pgfpagination (Paragraph Designer - Pagination)



Reduced to 75%

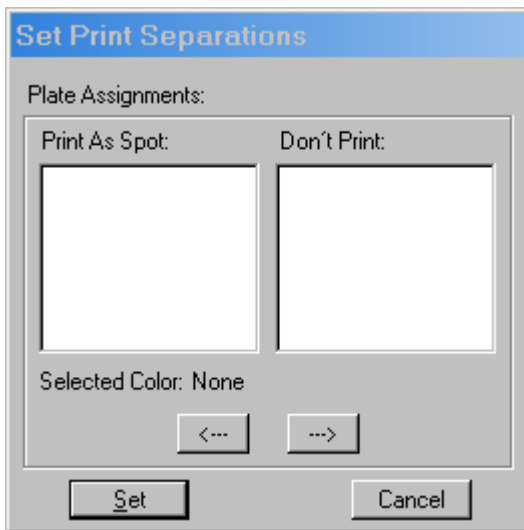


pgfupdate (Global Update Options)



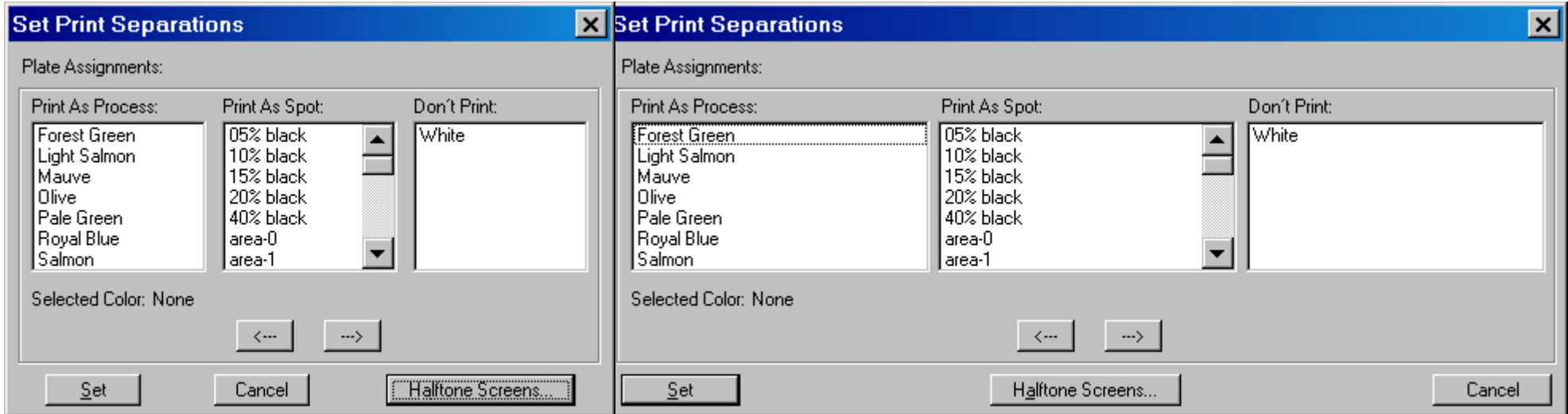
50

print_spot (Set Print Separations)



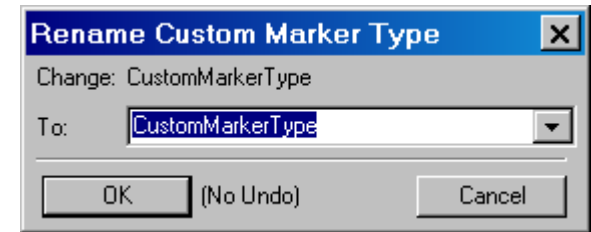
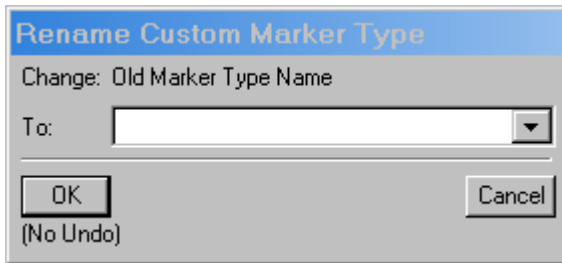
Dialog not used any more, capability integrated into *print_separations (Set Print Separations)* on page 51.

print_separations (Set Print Separations)



51

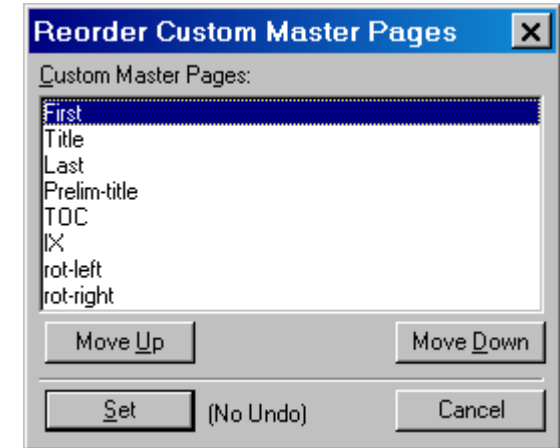
rename_markertype (Rename Custom Marker Type)



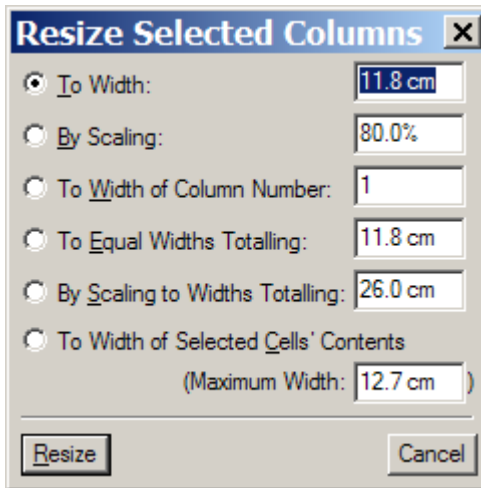
reordermaster (Reorder Custom Master Pages)



This only recently added function uses a wide enough name field.



resize (table columns)

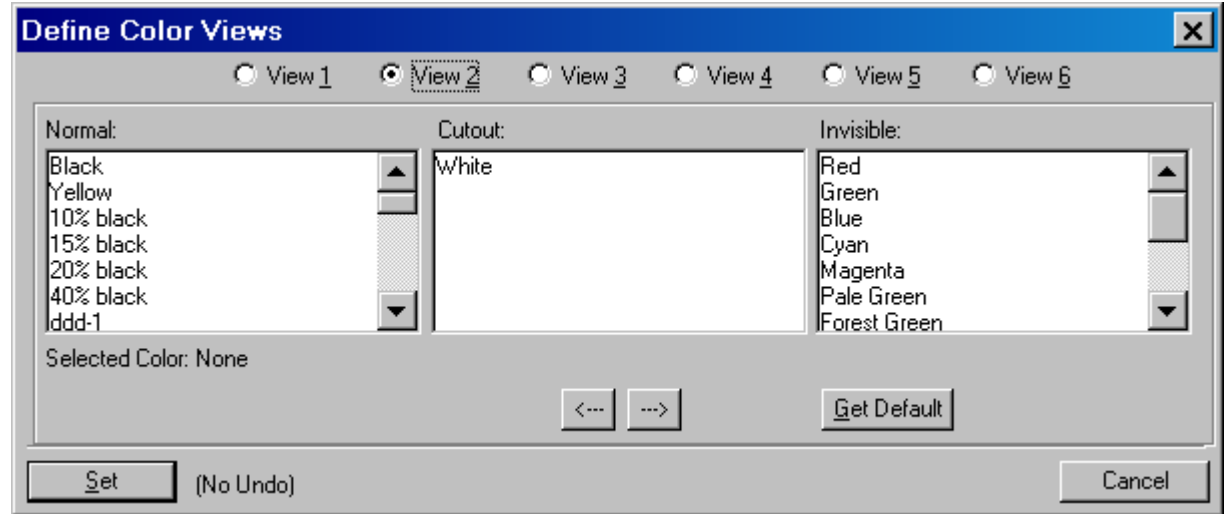
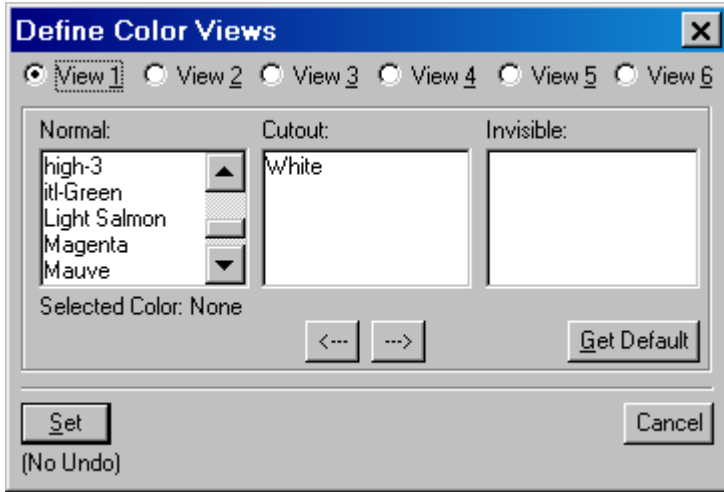


This is one of the very few dialogue, Adobe has modified according to the needs.
Only slightly larger fields necessary.

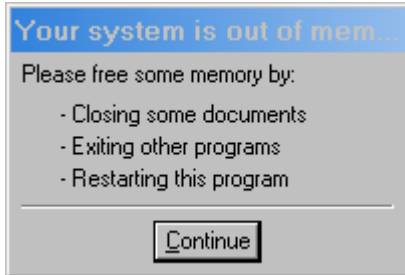


separation (Define Color Views)

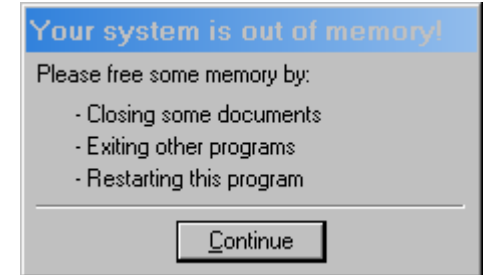
53



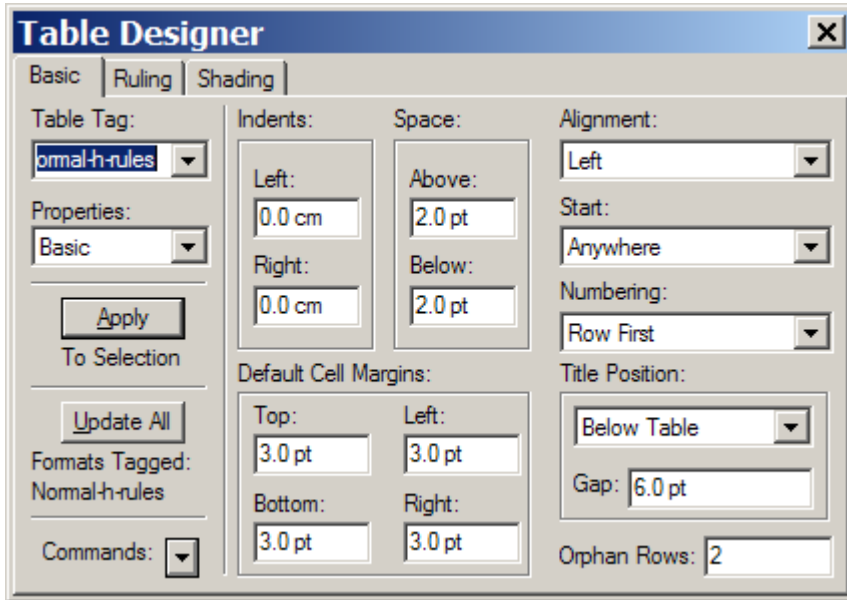
soft_heap_full (System out of Memory)



Title is far to long => truncated

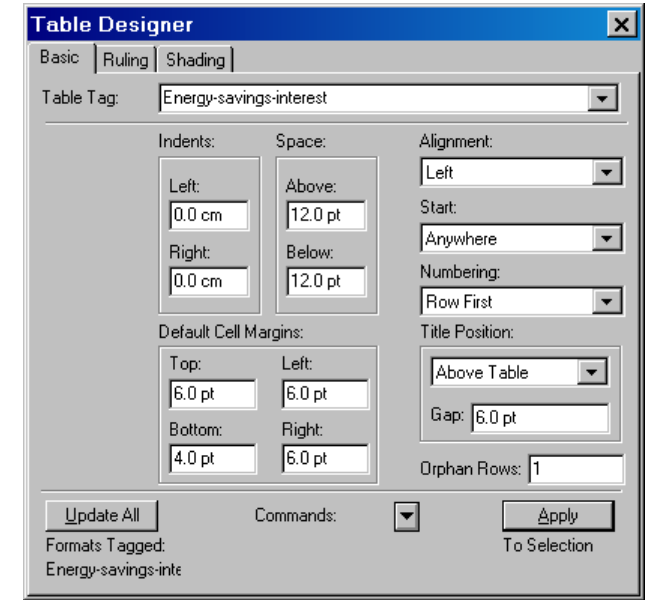
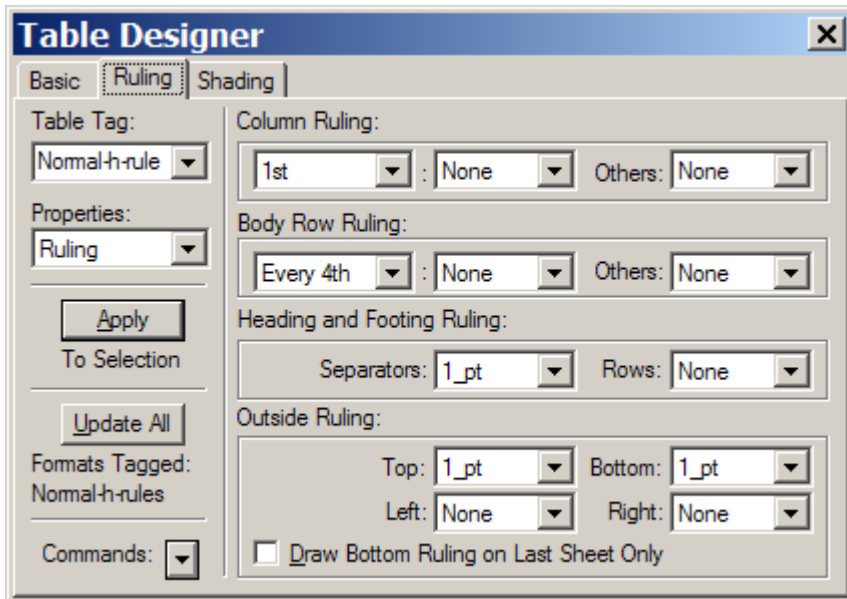


tablefmt (Table Designer - Basic)

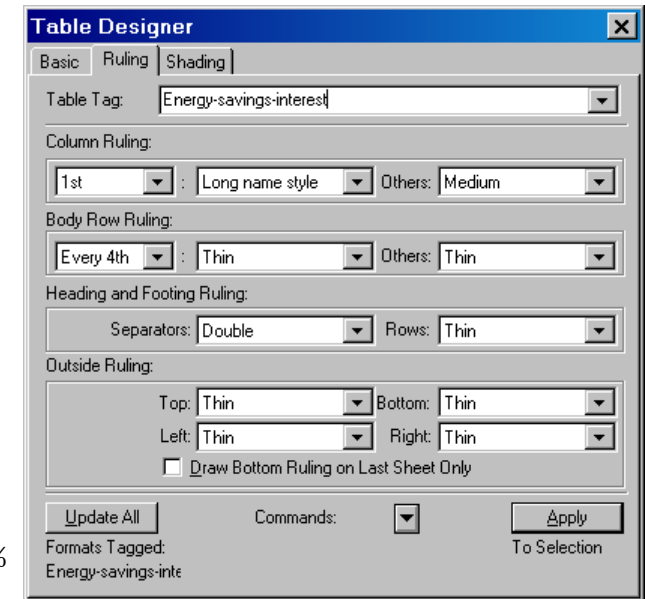


54

tablerule (Table Designer - Ruling)

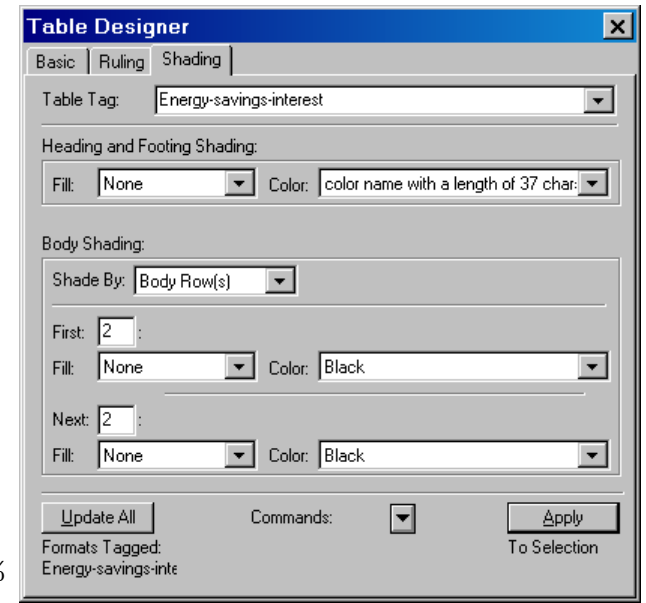
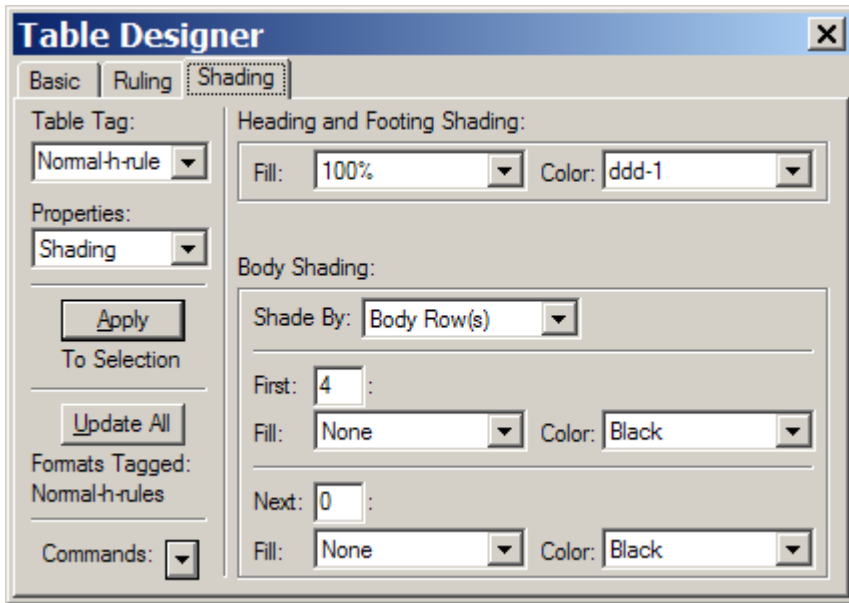


Reduced to 75%



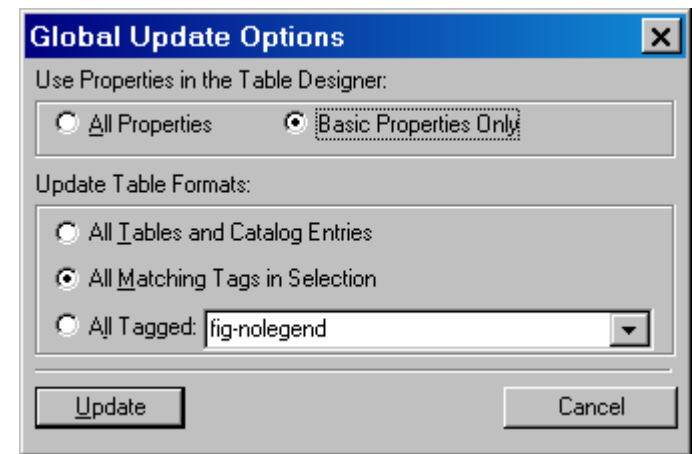
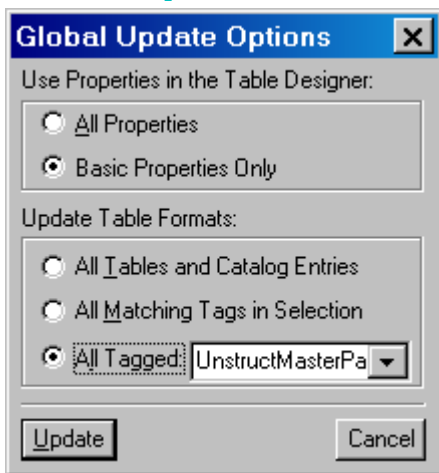
Reduced to 75%

tableshade (Table Designer - Shading)



Reduced to 75%

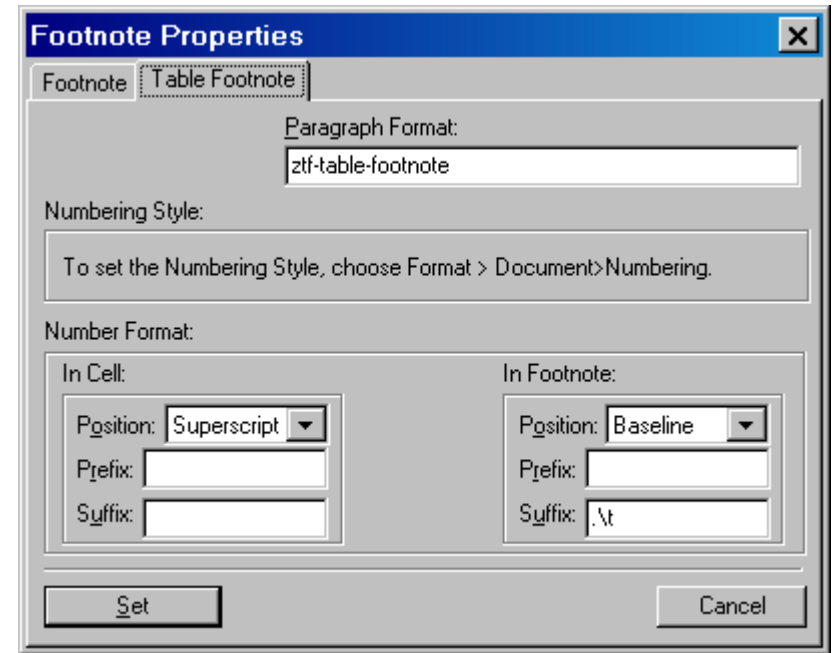
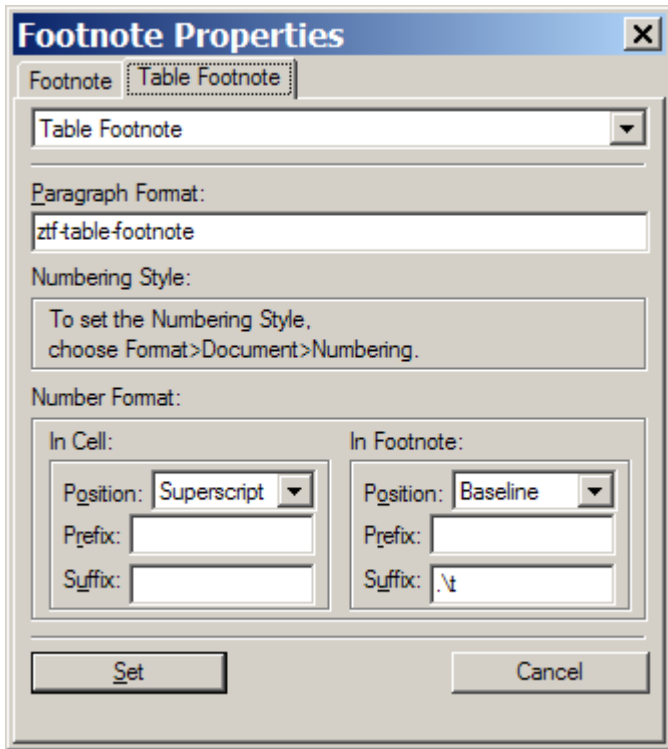
tableupdate (Global Update Options)



55

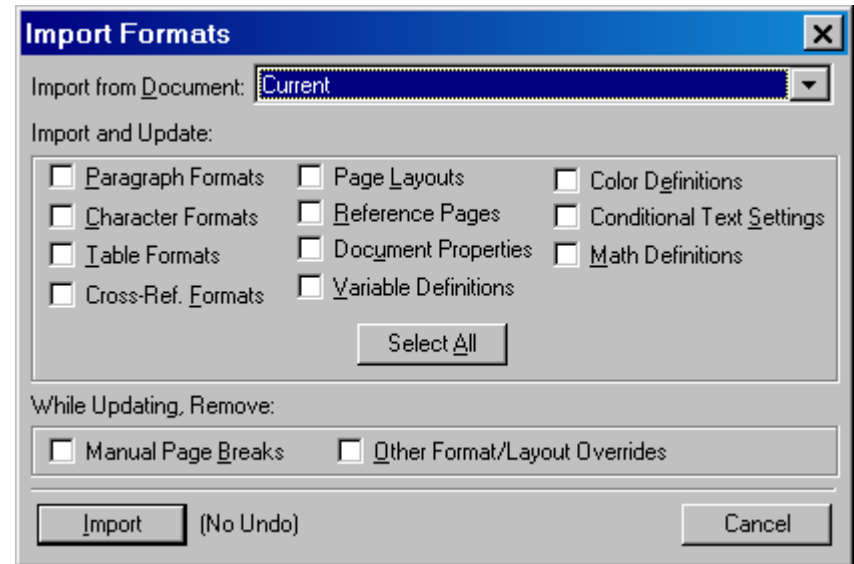
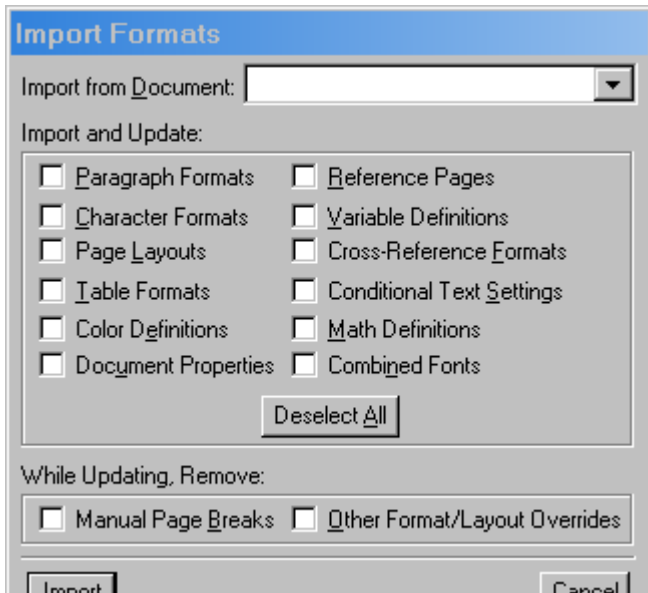
tblfootnote (Footnote Properties)

56

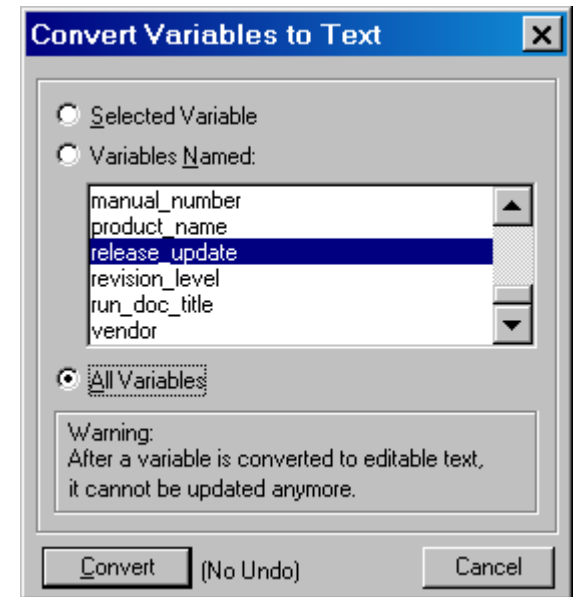
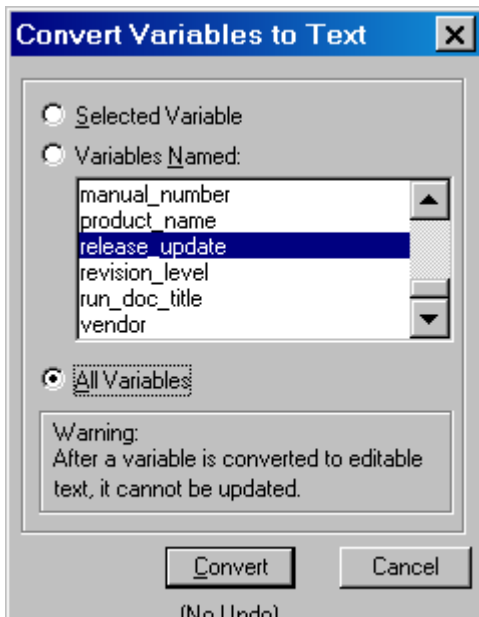


usefmt (Import Formats)

57

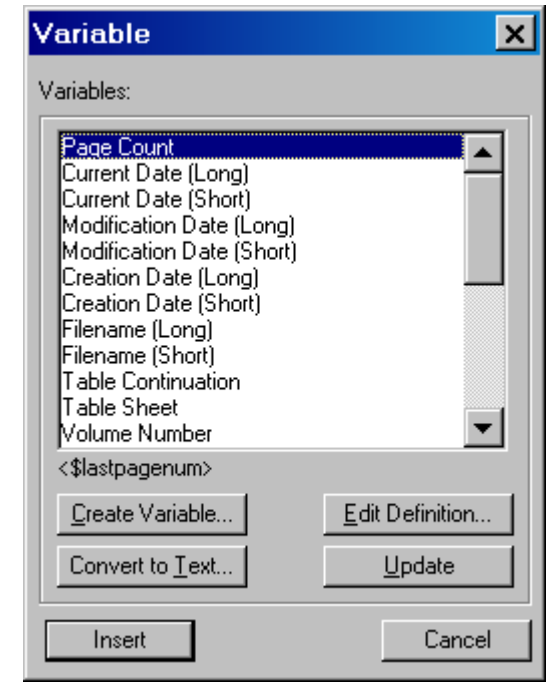
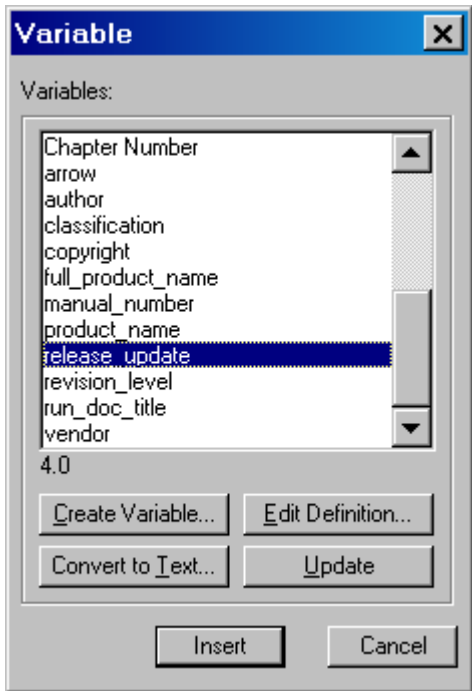


var_deref (Convert Variables to Text)

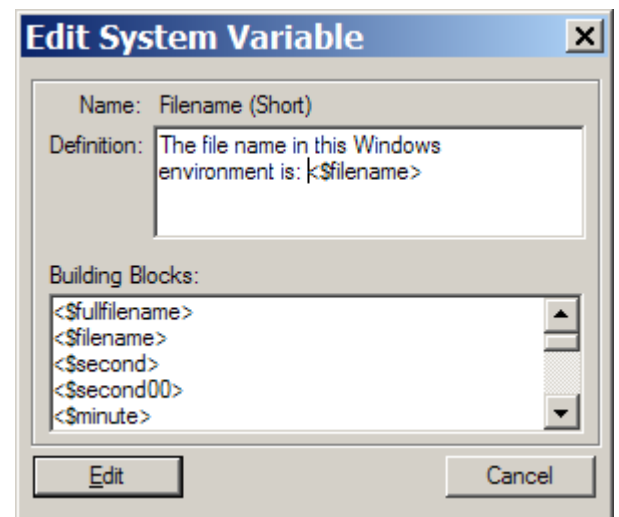
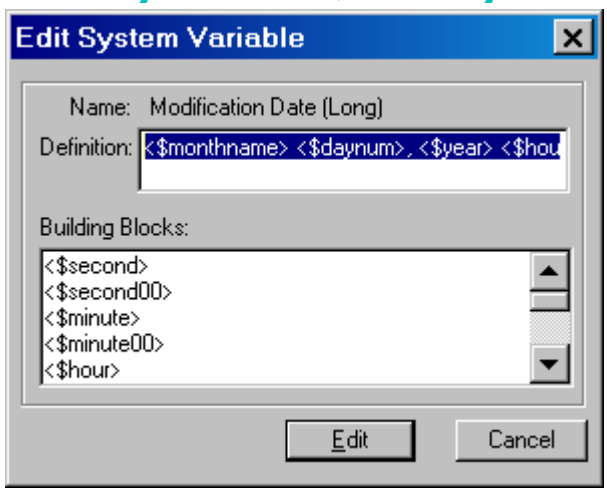


var_main (Variable)

58

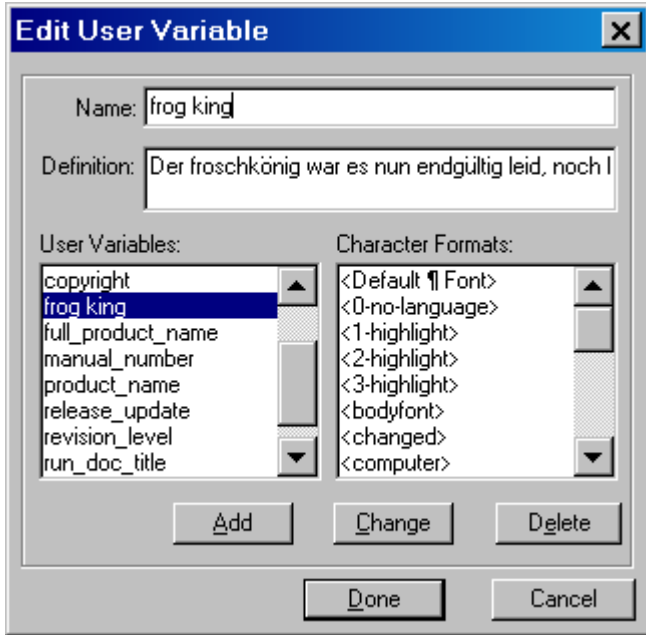


var_sys_edit (Edit System Variable)



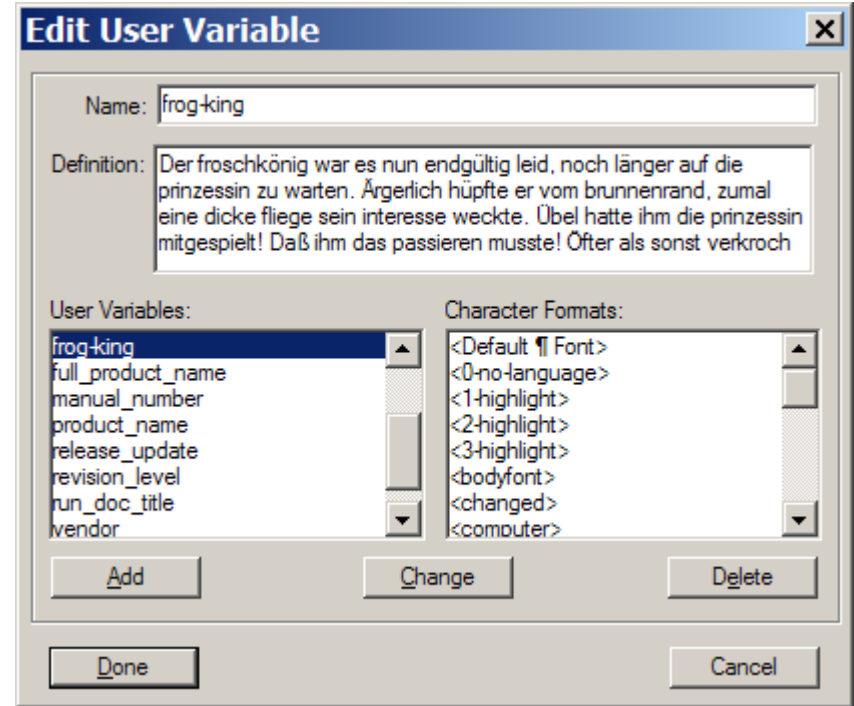
var_user_edit (Edit User Variable)

59



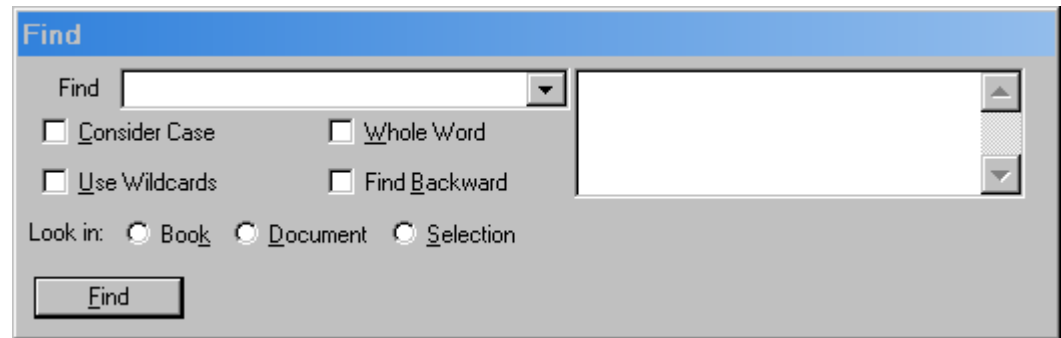
In FrameMaker 8 a variable can hold at most 1023 Unicode characters. Hence the standard dialogue is rubbish. The following following definition is just 358 characters long:

Der froschkönig war es nun endgültig leid, noch länger auf die prinzessin zu warten. Ärgerlich hüpfte er vom brunnenrand, zumal eine dicke fliege sein interesse weckte. Übel hatte ihm die prinzessin mitgespielt! Daß ihm das passieren musste! Öfter als sonst verkroch er sich von nun an in die brunnenkresse und sinnierte über den kleinen grünen steinfresser.



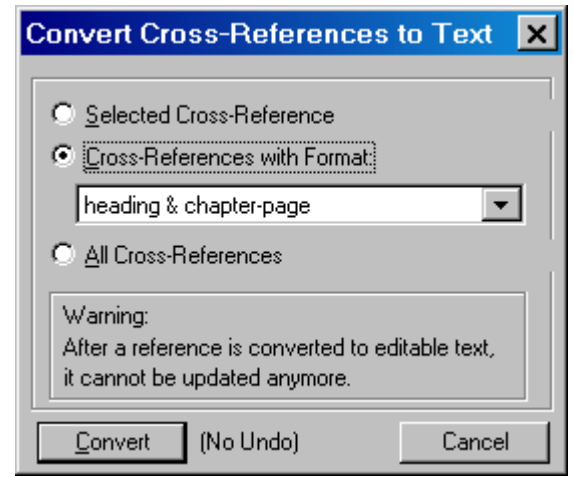
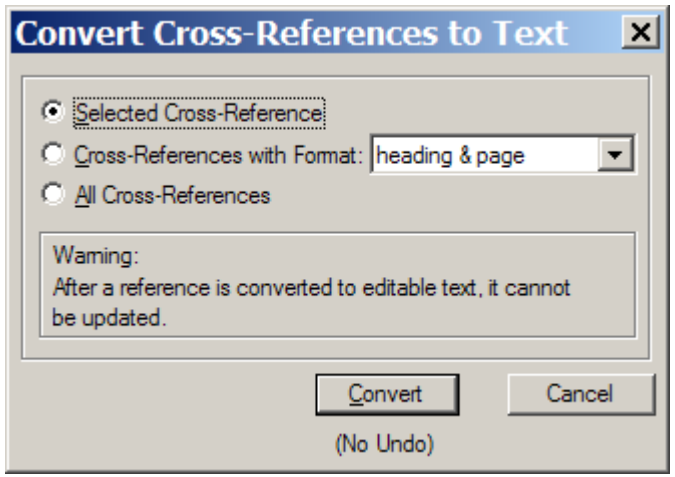
viewer_find (Find)

Usage for dialogue not found. Probably abandoned with the FrameViewer (lat supported with FM 5.5.6)

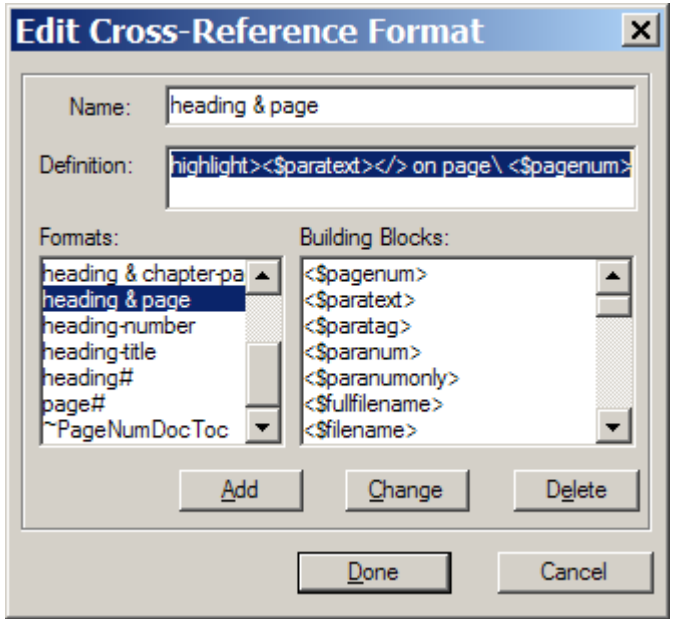


xref_deref (Convert Cross-References to Text)

60

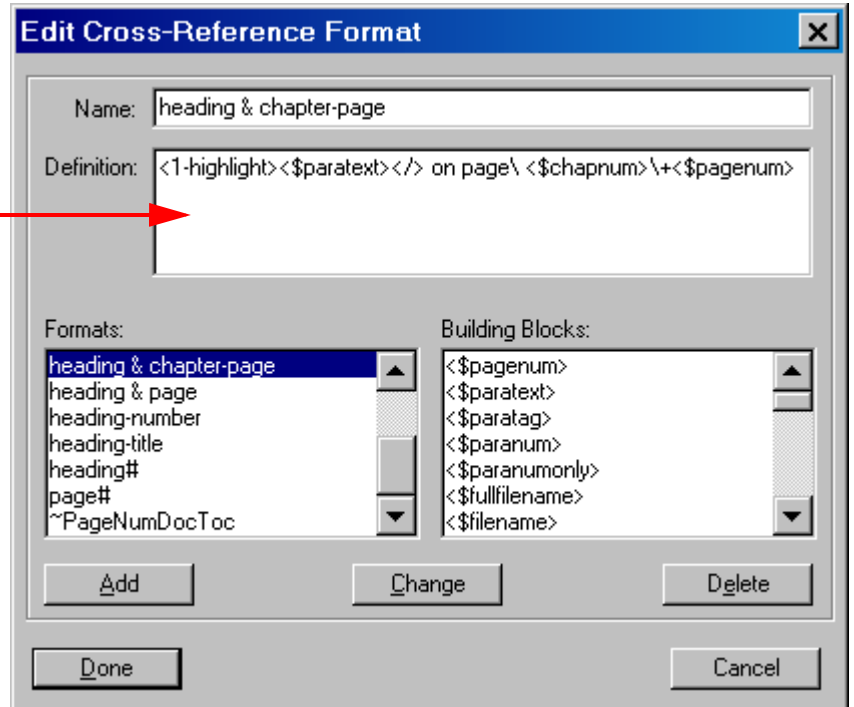


xref_format (Edit Cross-Reference Format)



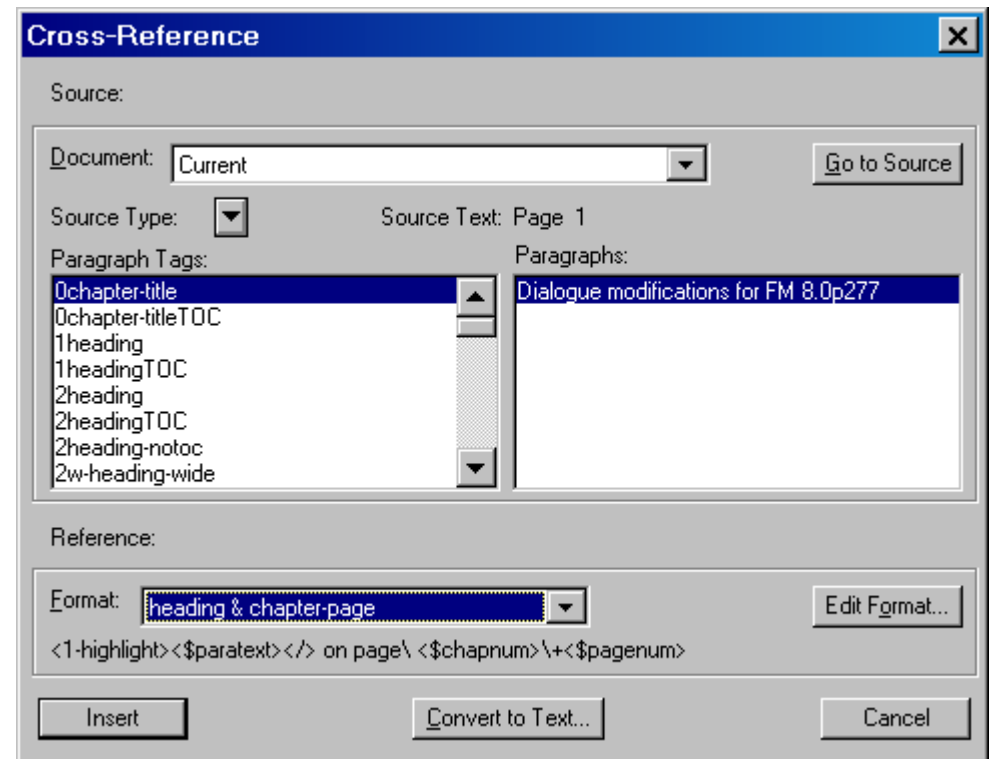
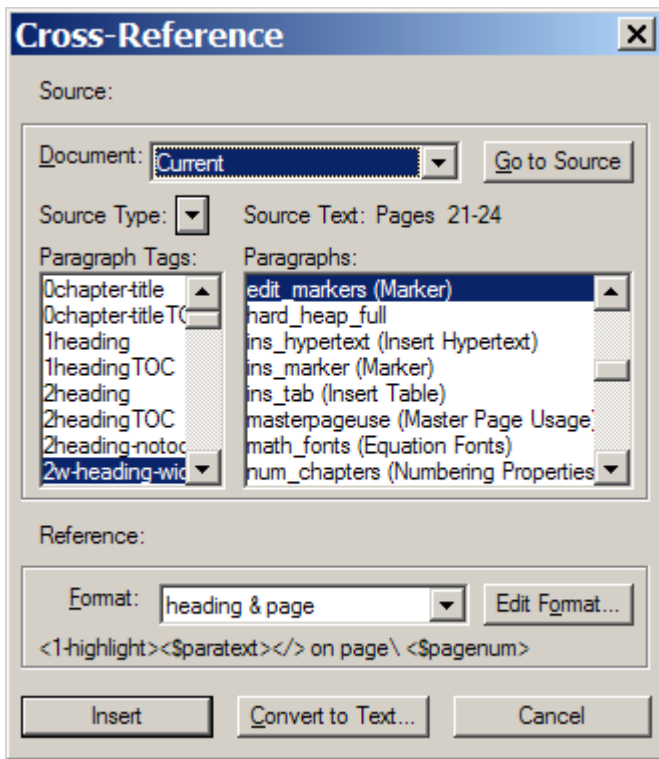
This area now wraps the text and may hold up to about 300 characters until it scrolls. However, only 255 characters can be in a variable.

The max. length of an x-ref definition is probably same.



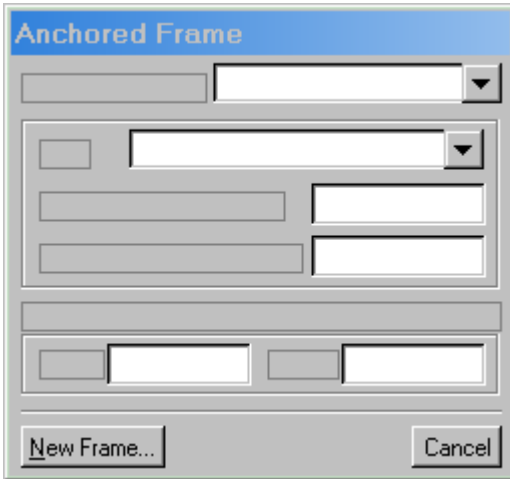
xref_main (Cross-Reference)

61



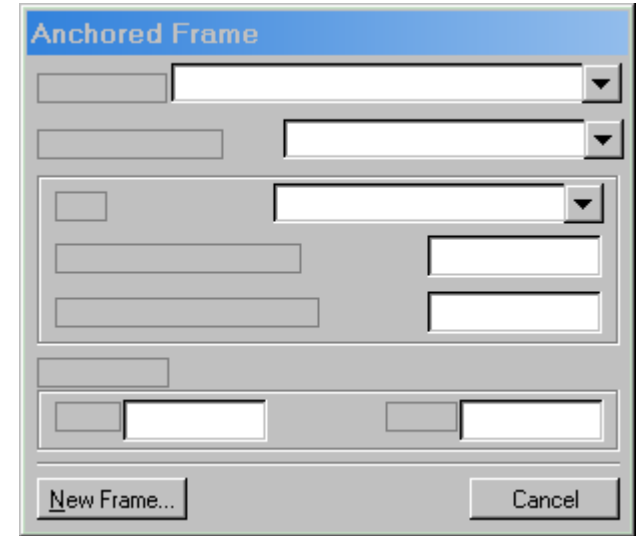
Structured Interface

aframe_elem (Anchored Frame)



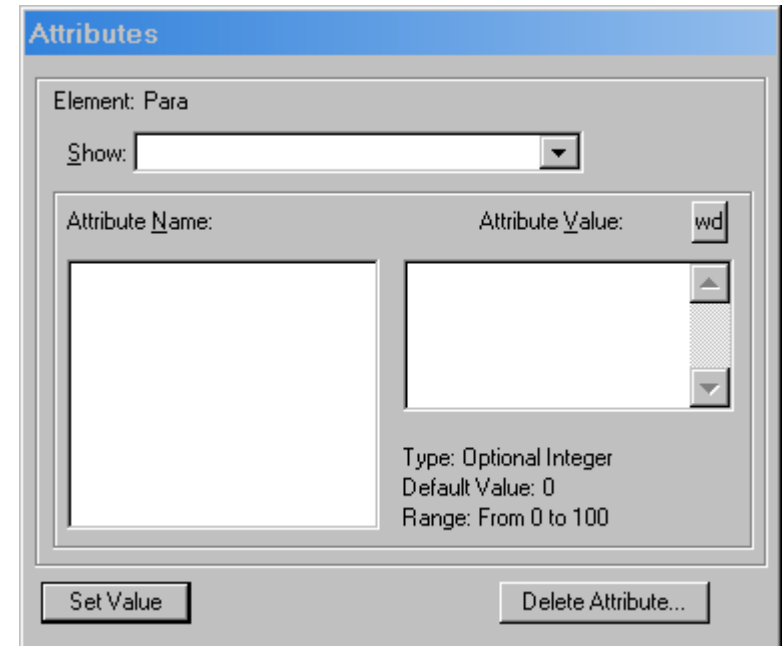
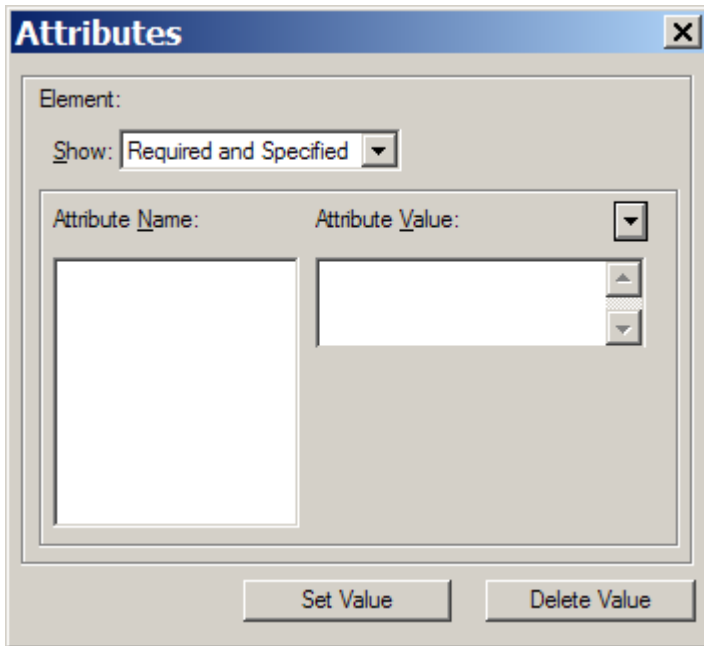
Various overlapping elements are switched at runtime (visibility).

Hence a screen shot of from the resource tools is more confusing than helpful.

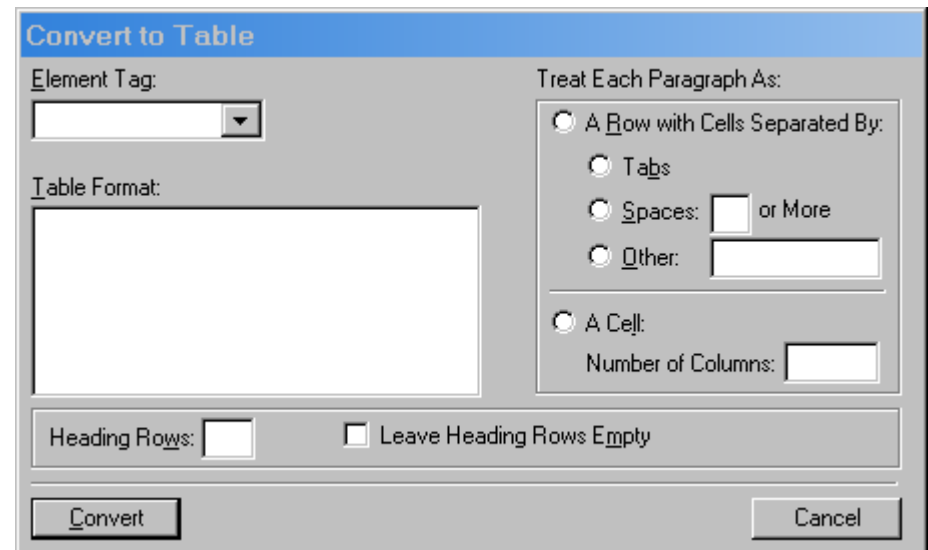
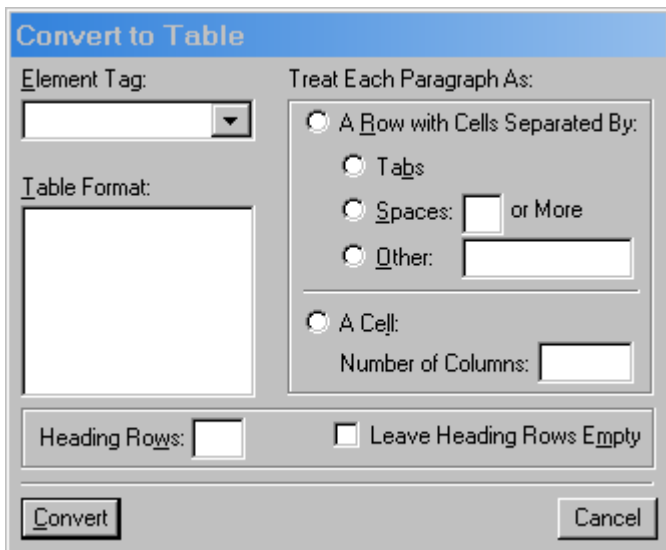


attr_edit (Attributes)

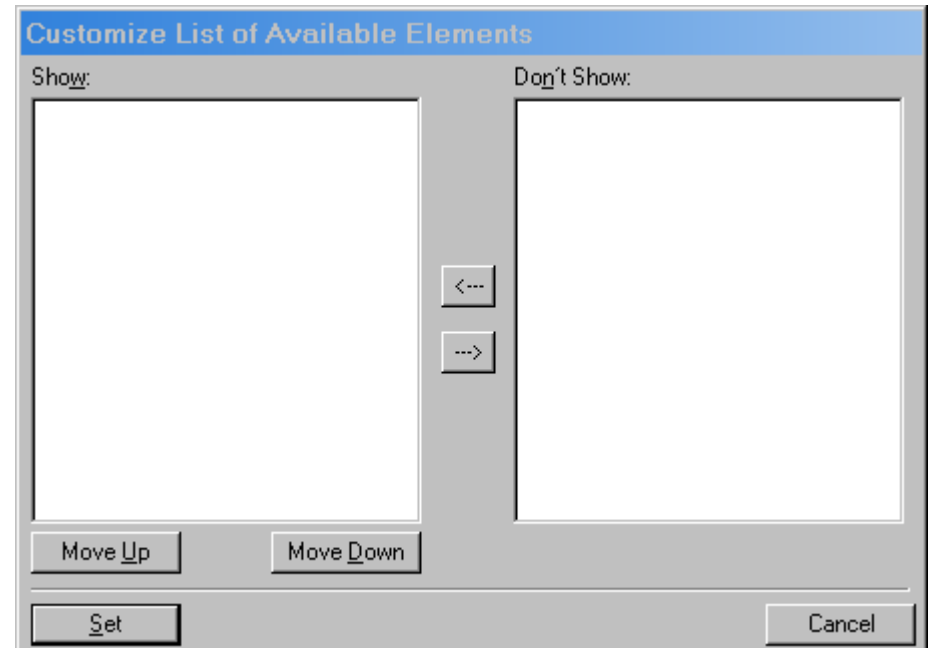
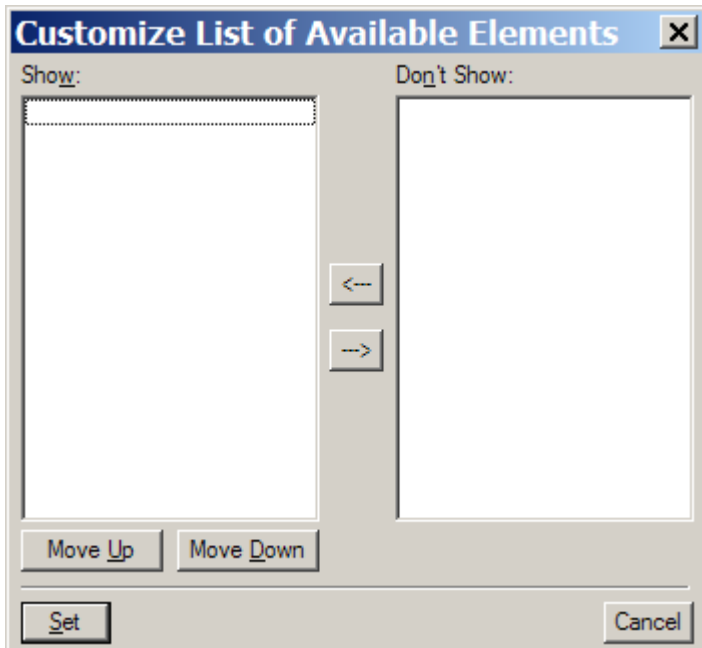
63



cvttotbl_elem (Convert to Table)



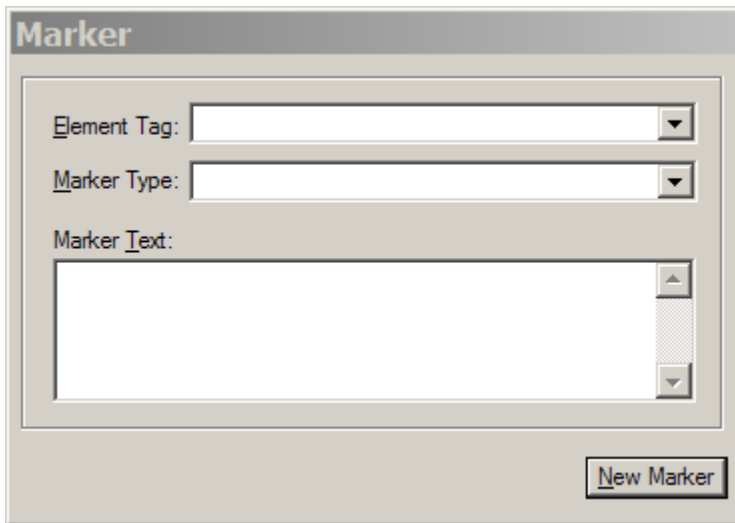
edit_elem_list (Customize List of Available Elements)



64

Dialogue modifications for FM 8.0p277

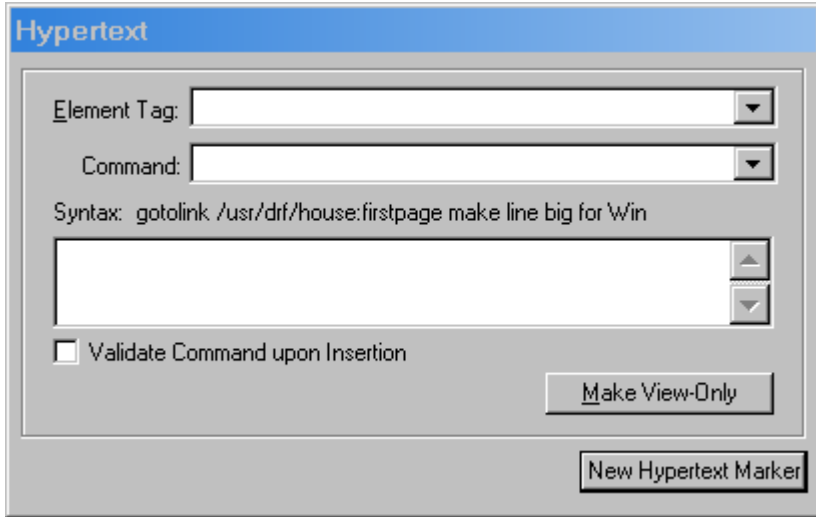
edit_mrks_elem (Marker)



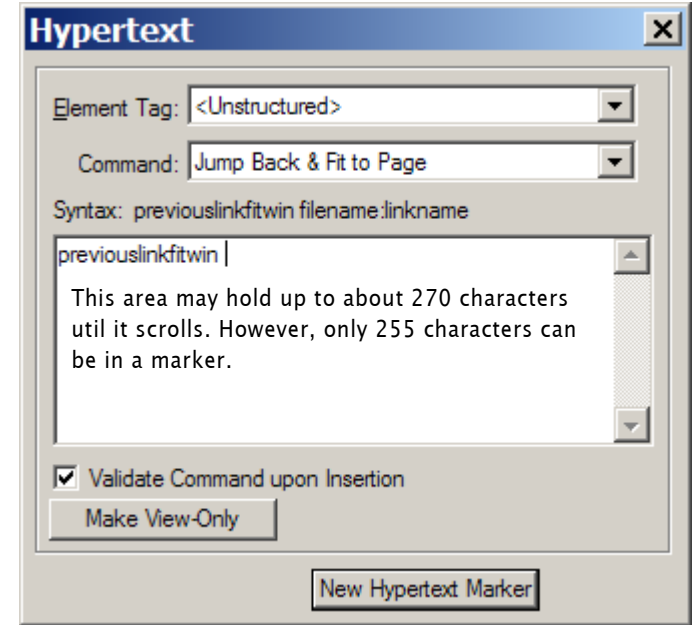
already wide enough

edit_hypertext_elem (Hypertext)

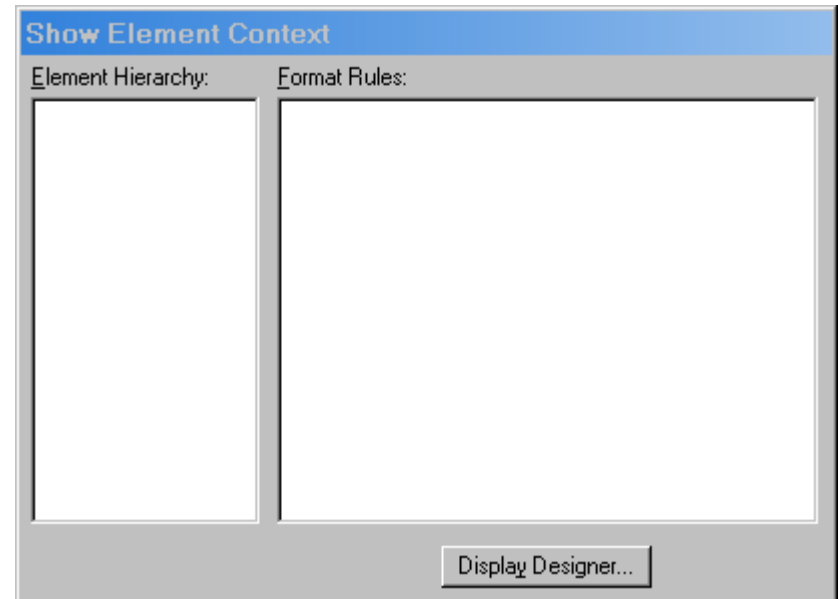
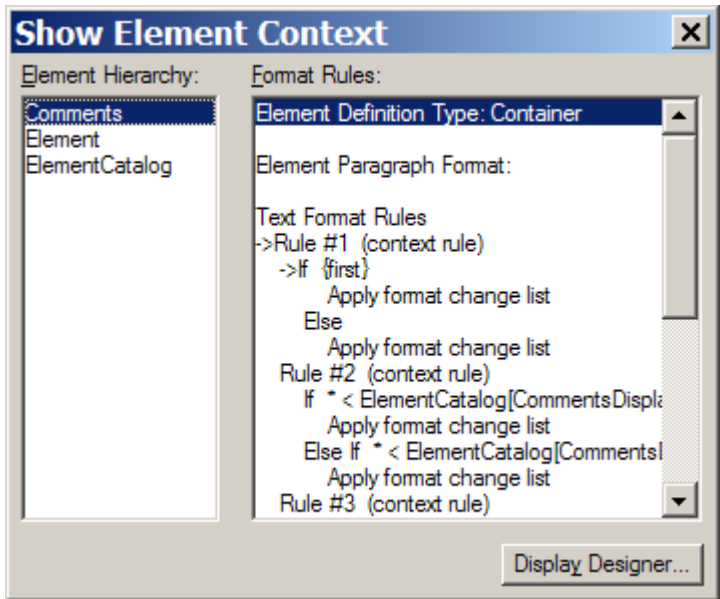
65



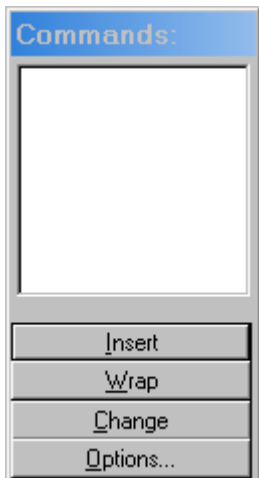
width inconsistent with other element-dialogues



elem_ctx (Show Elements Context)



elem_kit (Commands / Elements)



Is this a resizable dialogue?

If so, no modifications needed

Various titles:

Elements; Commands

elemsrch (Find Element)

67

ins_obj_elem (Insert Element)

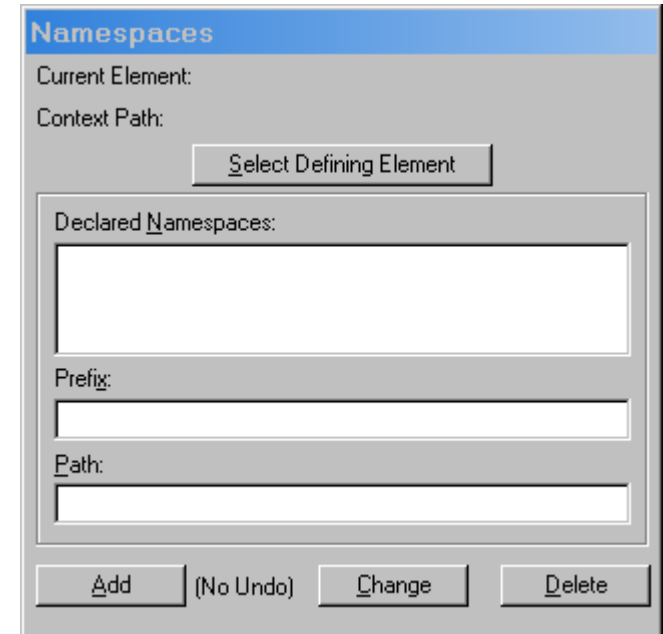
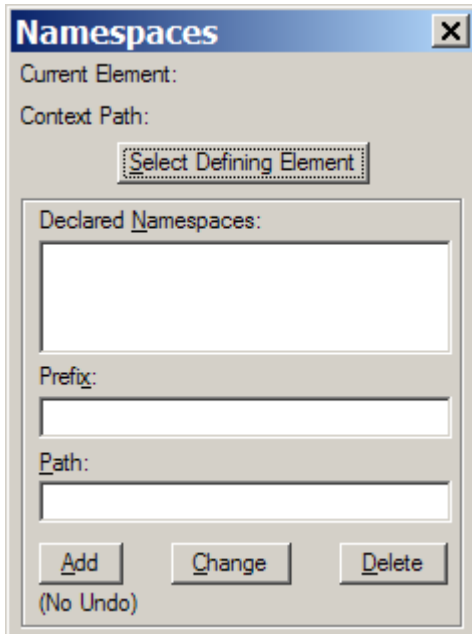
ins_tab_elem (Insert Table)

see ins_tab

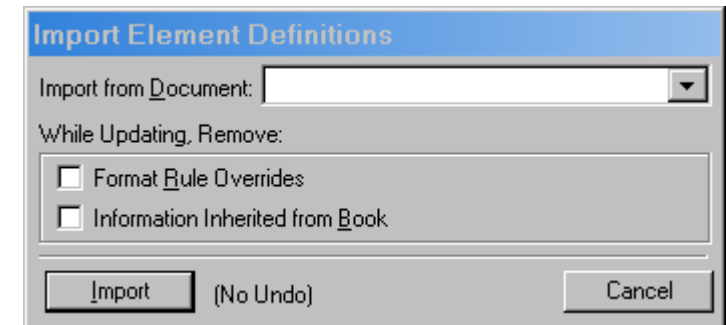
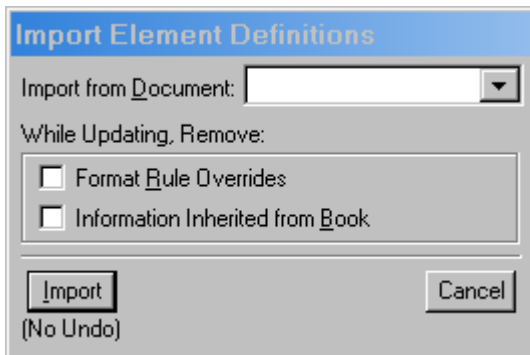
attr_expr (Manage Attribute Expressions)

This dialogue is wide enough for long names (150 units). No modification necessary.

ns (Namespaces)

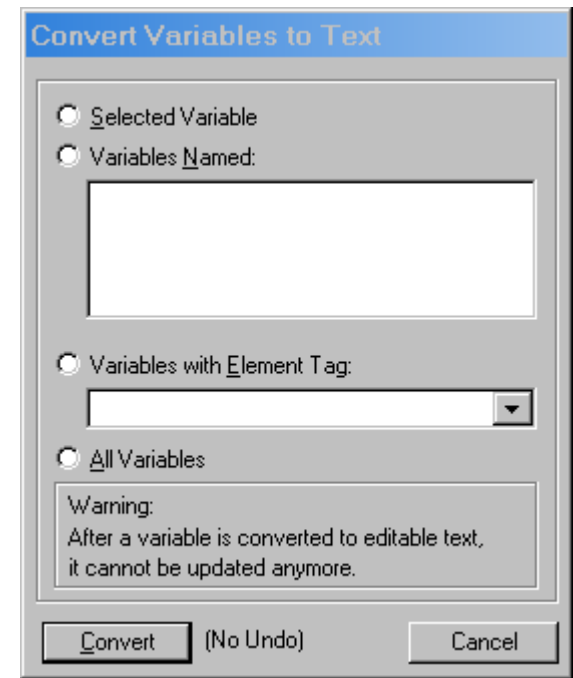
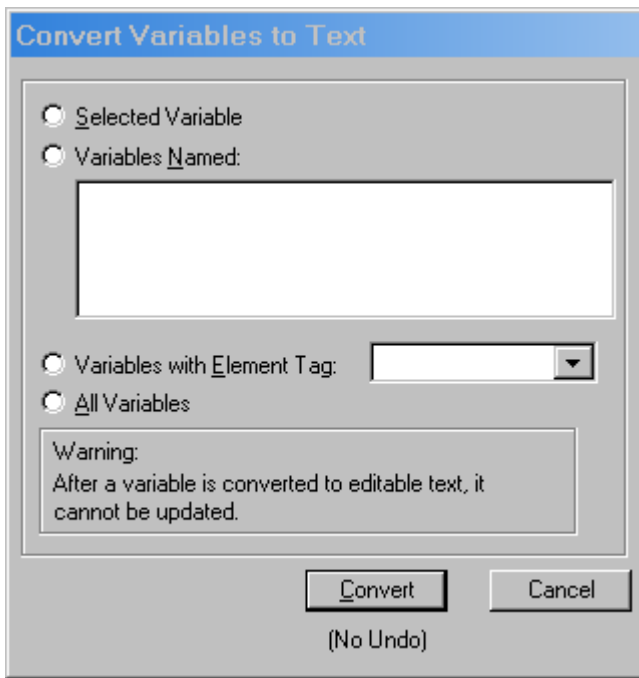


useitdef (Import Element Definitions)



var_deref_elem (Convert Variables to Text)

69



xref_main_elem (Cross Reference)

70

Cross-Reference [X]

Source:

Document: Current [Go to Source]

Source Type: [Source Text:]

Element Tags: Elements (in Document Order):

Reference:

Element Tag: <Unstructured> [Edit Format...]

Format: Heading & Page [Edit Format...]

"<\$paratext>" on page \ <\$pagenum>

[Insert] [Convert to Text...] [Cancel]

Cross-Reference

Source:

Document: [Go to Source]

Source Type: wd Source Text: Pages 99-99

Paragraph Tag: Elements (in Document Order):

Reference:

Element Tag: [Edit Format...]

Format: [Edit Format...]

(Figure \$paranum on page \$pagenum)

[Insert] [Convert to Text...] [Cancel]

Dialogue modifications for FM 8.0p277

Dialogs concerning DITA

Identical dialogs are in the following dlls (including some not mentioned here by picture).

- cnvschma
- diatafm.dll
- ditabook.dll
- dispatch.dll
- ditafm_app.dll
- docbook.dll
- ecm.dll
- sgen.dll
- trnslate
- xhtml
- xmlcss

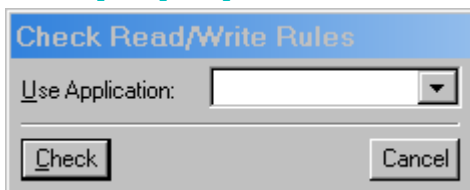
Note: *It is not certain that these dlls can be modified at all, because just opening one in ResHacker and saving it with another name reveals differences in size.*
sgen: 806'912 → 757'760; ditafm_app: 2150'400 → 2101'248.

I am also not familiar at all with DITA to be able to check after modification.

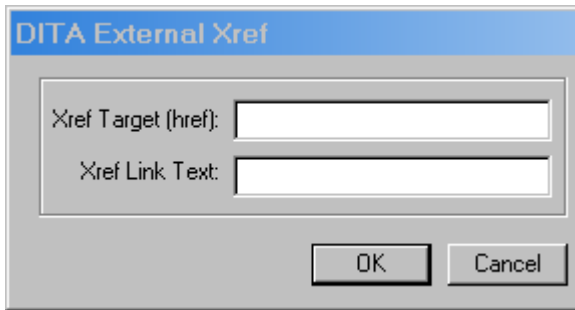
Modifying this large number of similar (but not identical) files would be possible this way:

- modify the dialogs in the first one and keep it open in ResHacker
- open the second one in another instance of ResHacker side by side
- transfer (copy/paste) form the first to the second file and store the second one.

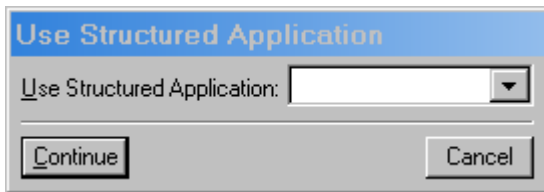
chkpopup (check Read/write Rules)



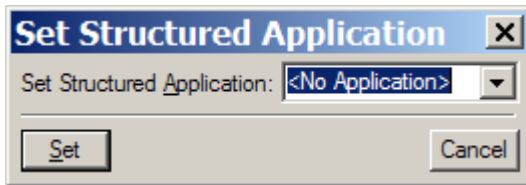
externalxref (DITA External Xref)



72 popup (Use Structured Application)

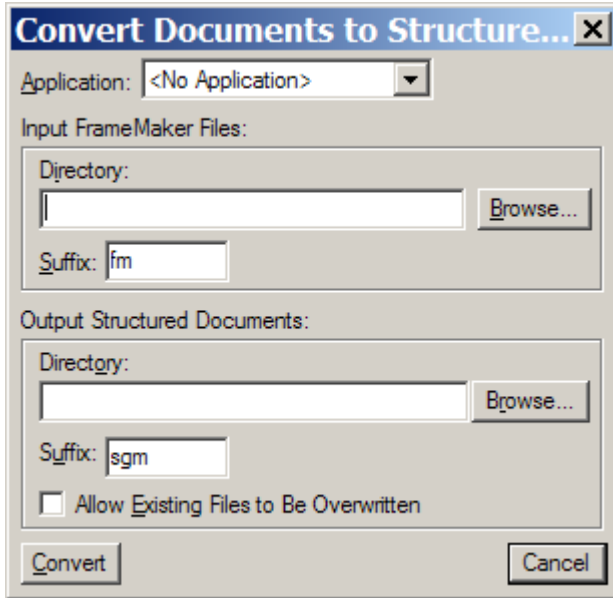


sel_appl (Set Structured Application)

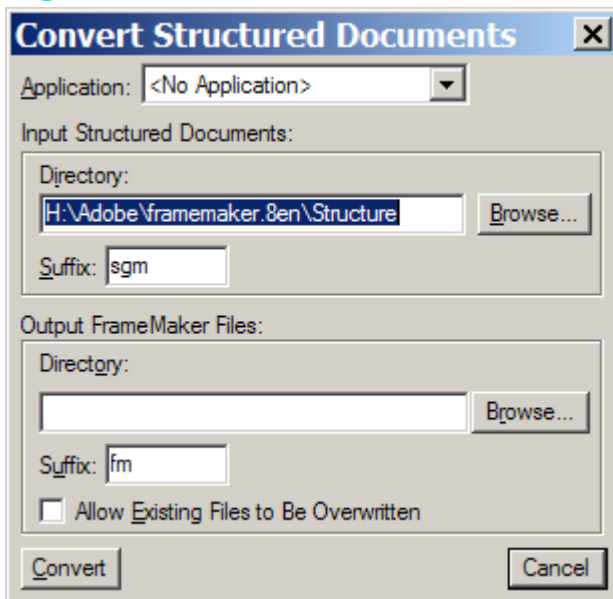


sgml_exp (Convert Documents to Structured Format)

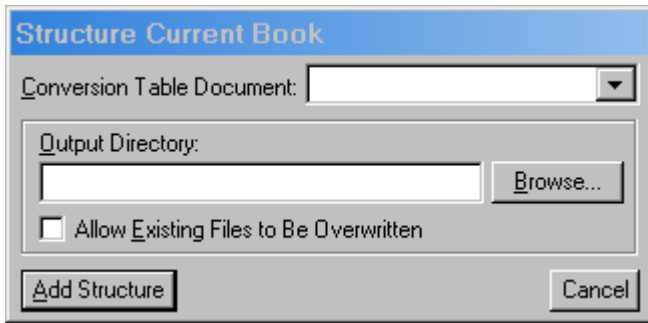
73



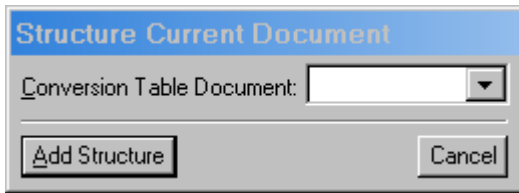
sgml_imp (Convert Structured Documents)



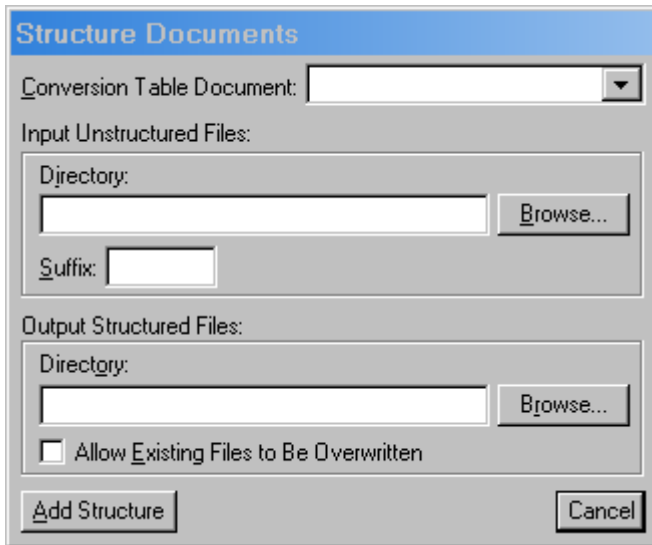
str_book (Structure Current Book)



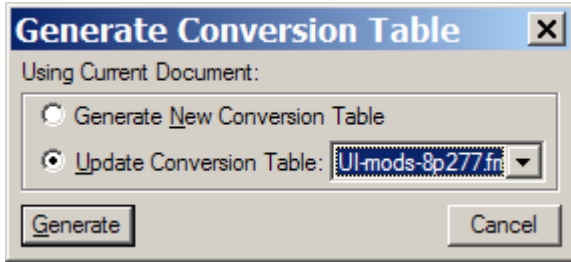
74 str_doc (Structure Current Document)



str_docs (Structure Documents)



updatert (Generate Conversion Table)



Other dialogues

jwordcnt.dll

No dialogues with entry fields

pdfsize.dll

No dialogues with entry fields

WebDAV.dll

It seems that all dialogues have sufficiently long entry fields.