Book 2 Quick Reference

SCRIPT/PC

IBM Software
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SCRIPT/PC

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About This Book

How to Use This Book

This book is the Quick Reference to SCRIPT/PC Control Words and the Generalized Markup Language (GML) Starter Set of tags.

The information in this book is organized as follows:

- The first part gives you a quick reference to each SCRIPT/PC control word and its options.

- The second part gives you an equivalent explanation of every tag supported by SCRIPT/PC's Starter Set of GML tags.

Contents

Control Words

The following list contains the SCRIPT/PC control words in alphabetical order, including all options and a short description. Control words used only in macro definitions are identified by the term macro:

Word	Options	Description
...	label [line]	Set label for .GO *macro
.AN	comparand1 test comparand2 [target]	Conditional AND
.AP	[d:]filename[.ext]	Append (add) next input file
.BF	[font-id]	Begin new font
.BM	v	Specify bottom margin
.BR		Force break in formatting
.BX	d1 ... dn OFF CHAR {GRAPHICS} {MATRIX} CAN	Draw a box that can include text
.CD	2 p1 p2	Define two-column format
.CE	{ON} {OFF} {line}	Center text on line
.CL	{h}	Specify column width for two-column format
.CM	[comments]	Comment
.*	[comments]	Comment

Word	Options	Description
.CP	[v]	Conditional page eject
.CS	n {ON} {OFF} {INCLUDE} {IGNORE}	Include or ignore text
.CT	[text]	Continue text without break
.DC	{PS c} {PS OFF} {CW c} {RB c} {GML c}	Change special characters to other characters, or define control characters
.DD	file-id	Name data file-id
.DF	font-id [US] [UP] [UC] [FONT definition[s]]	Define new font
.DM	name [OFF]	Begin macro definition or erase a macro
.DS		Double space mode
.EF	[CLOSE]	Force End-of-file
.EL	[target]	Conditional ELSE
.FO	{ON} {OFF} {LEFT}	Specify formatting options
.FN	{ON} {OFF}	Mark text for footnote
.GO	label	Goto label *macro
.GS		GML Services *macro

Provided via the HEADDEF.SCT macro library:

Word	Options	Description
.H0		Heading 0 (Table of Contents)
.H1		Heading 1 (Chapter)
.H2		Heading 2
.H3		Heading 3
.H4		Heading 4
.H5		Heading 5 (Imbedded in text)
.H6		Heading 6 (Imbedded in text)

Word	Options	Description
.IF	comparand1 test comparand2 [target]	Conditional IF
.IL	[h]	Indent only one line
.IM	[d:]filename[.ext]	Imbed new input file
.IN	[h] [NOBREAK]	Indent
.IR	[h] [NOBREAK]	Indent from right margin
.IX		Start index here
.LL	[h]	Specify line length
.MC		Enter multicolumn mode (two-column)
.ME		Macro exit *macro
.OF	[h]	Offset after one line
.OR	comparand1 test comparand2 [target]	Conditional OR
.PA	[n]	Skip to top of next page
.PF		Select previously used font

Word	Options	Description
.PI	{REF /text[/ref/]} {START /text} {END} {text}	Put text into index
.PL	v	Specify page length
.PM	[h]	Specify page margins
.PN	{n} {ON} {OFF}	Specify page number
.PT	{line } { line}	Put to table of contents file
.QQ		Quick quit
.QU		Quit
.RC	{n c} {ON} {OFF} {ADJUST h}	Revision code at left margin
.RH	{ON} {OFF} {CANCEL} {SUP} {RES}	Running header definition
.RI	{ON} {OFF} {line}	Right adjust lines
.RT	{TOP } n /part1/part2/part3/ {BOTTOM}	Specify running title
.RV	symname = [']	Read variable from keyboard
.SC		Enter single column mode

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Word	Options	Description
.SE	symname {= 'string'} {= &} {= value} {= SUBSTR string start length} {= INDEX string1 string2} {OFF}	Set symbols
.SK	[v]	Skip lines
.SP	[v]	Space lines
.SS		Single space mode
.SU	{ON} {OFF}	Substitute symbol
.SX	{F} / 1part/ fill/ rpart/ {C}	Split text
.TB	hh ...	Set tab stops
.TC	[n] [name] [control] [/]	Place table of contents
.TE		Terminal entry mode
.TH	[target]	Conditional THEN
.TI	[s t] ...	Translate input
.TM	[v]	Specify top margin space
.TR	[s t] ...	Output character translate
.TY	text [=]	Type text on display screen

Word	Options	Description
.UC	{ON} {OFF} {line}	Underscore and capitalize
.UD	{ON} {OFF}	Underscore definition
.UN	[h]	Undent (indent left)
.UP	{ON} {OFF} {line}	Uppercase (capitalize)
.US	{ON} {OFF} {line}	Underscore (underline)
.ZZ	{ON} {OFF}	Diagnostic (Debug) *macro

Generalized Markup Language (GML) Tags

The following Starter Set of generalized Markup language (GML) tags are arranged in alphabetical order. If two or more lines of options are given, the order of entry must be left to right, top to bottom:

Tag	Options (Attributes)	Description
:ABSTRACT		Insert ABSTRACT
:ADDRESS		Start ADDRESS
:ALINE	[.line of address]	Insert Address LINE
:APPENDIX		Start APPENDIX of document
:AUTHOR	[.author name text]	Insert AUTHOR name(s)
:BACKM		Start BACK Matter of document
:BODY		Start BODY of document
:CIT	[.cited text]	Start CITation
:DATE	[.optional date text]	Insert DATE
:DD	[.description text]	Start Definition Description
:DL	[COMPACT] [TSIZE=ss] [TERMHI=h] h={0,2}	Start Definition List

Tag	Options (Attributes)	Description
:DOCNUM	[.alphanumeric text]	Insert DOCument NUMber
:DT	[.term text]	Start Definition Term
:EADDRESS		End ADDRESS [:ADDRESS]
:ECIT		End CITation [:CIT]
:EDL		End Definition List [:DL]
:EFN		End Footnote [:FN]
:EGDOC		End Document [:GDOC]
:EHP1	[.text]	End underscore [:HP1]
:EHP2	[.text]	End bold [:HP2]
:EHP3	[.text]	End bold and underscore [:HP3]
:ELQ		End Long Quote [:LQ]
:EOL		End Ordered List [:OL]
:EQ		End Quote [:Q]
:ESL		End Simple List [:SL]
:ETITLEP		End TITLE Page [:TITLEP]
:EUL		End Unordered List [:UL]
:EXMP		End eXaMPle [:XMP]

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Tag	Options (Attributes)	Description
:FN	ID=reference id [.footnote text]	Start FootNote
:FNREF	[REFID=reference-id]	FootNote REFerence
:FIG	[PLACE={INLINE}] 　　　　{TOP} [ID=id] [FRAME= {RULE}] 　　　　{BOX} 　　　　{NONE} [DEPTH=dd] [WIDTH= {PAGE}] 　　　　{ww}	Start FIGure
:FIGCAP	[.caption text]	FIGure CAPtion
:FIGDESC	[.description text]	FIGure DESCription
:FIGLIST		List of illustrations
:FIGREF	[REFID=reference-id] [PAGE= {YES}] 　　　　{NO}	FIGure REFerence
:FRONTM		Start FRONT Matter
:GDOC	[SEC='security class'] [.bottom title]	Start General Document
:HP1	[.text]	Start underscore
:HP2	[.text]	Start bold
:HP3	[.text]	Start bold and underscore
:HDREF	[REFID=id] [PAGE={YES}] 　　　　{NO}	Heading Reference

Tag	Options (Attributes)	Description
:H0	[ID=id] [STITLE= short title] [.title text]	Heading 0
:H1	[ID=id] [STITLE= short title] [.title text]	Heading 1
:H2	[ID=id][.title text]	Heading 2
:H3	[ID=id][.title text]	Heading 3
:H4	[ID=id][.title text]	Heading 4
:H5	[ID=id][.title text]	Heading 5
:H6	[ID=id][.title text]	Heading 6
:INDEX		Insert Index
:I1	[ID=id][PG={START}] {END} .text of entry	Create Index entry
:IREF	[REFID=refid] [PG={START}] {END} [SEEID=seeid]	Refer to Index entry
:LI	[.list text]	Line Item for list
:LP	[.list part text]	Line Part
:LQ	[.long text]	Start Long Quote
:NOTE	[.note text]	Start NOTE – input line
:OL	[COMPACT]	Start Ordered List
:P	[.start of paragraph text]	Start Paragraph
:PC	[.paragraph text continuation]	Paragraph Continuation
:PREFACE		Insert PREFACE

Tag	Options (Attributes)	Description
:Q	[.quoted text]	Start of Quoted text
:SL	[COMPACT]	Start Simple List
:TITLE	[.actual title text]	TITLE line of text
:TITLEP		Start TITLE Page
:TOC		Insert Table Of Contents
:UL	[COMPACT]	Start Unordered List
:XMP	[DEPTH=dd]	Start eXaMPle – copy text

Printer Font Definitions

The printer codes supported are for the IBM PC Graphics and IBM PC Matrix printers. The printer is set up for a particular print font and other options by use of the Define font control word (.DF). Print fonts and other supported options are shown on the following page.

Fonts

Font	Description
CM	Compressed Characters
DW	Double Width Characters
SB	Subscript Character Set
SP	Superscript Character Set

Highlight Print

Opt.	Description
US	Underscore
UP	Uppercase
UC	Underscore and Capitalize

Emphasized Print

Opt.	Description
DS	Double Strike - Bold
EM	Emphasized - Very Bold

Print Lines Per Inch

Opt.	Description
L6	*6 Lines Per Inch
L8	8 Lines Per Inch

Printer Character Sets

Opt.	Description
C1	*Graphics Printer-Char Set 1
C2	Graphics Printer-Char Set 2

Printer Direction

Opt.	Description
BD	*Bidirectional
LR	Left to Right Undirectional

Notes:

1. * = SCRIPT/PC default options.

2. If Double Width Characters are used with .FO ON, the righthand margin may not be totally even (justified).

3. Options C1, C2, LR, SB and SP are not available on the IBM Matrix Printer.
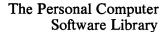
Heading Level Summary

The following chart is a summary of the GML Heading levels. The heading levels are listed across the top and the summary directly below each heading level:

Heading Level	H0	H1	H2	H3	H4	H5	H6
New Page	yes	yes					
Space Before Heading	0	0	3	3	3	1	1
Space After Heading	5	3	2	2	2	0	0
Heading Inline						yes	yes
Capitalized	yes	yes	yes				
Underscored	yes	yes	yes	yes			yes
Boldface	yes	yes	yes	yes	yes	yes	
Table of Contents entry	yes	yes	yes	yes	yes		
ID Attribute recognized	yes	yes	yes	yes	yes	yes	yes
STITLE Attribute recognized	yes	yes					

SCRIPT/PC Provided Symbols

The following symbols are provided by SCRIPT/PC.

```
&            = Page Number
&*           = Passes information to a tag (macro)
&*0 - &*18 = Passes information (parameters) to
               a tag (macro)
      &*0  = Count of non-null tokens in &*
      &*18 = Tag (macro) text which follows the
             period (.)
&$PASS       = Number of passes
&FIGLST      = Count of pages in list of illustrations
&SYSDATE     = Date
&SYSTIME     = Time of day
&SYSDAYOFM = Day of Month (1 ... 31)
&SYSHOUR     = Hour of the Day (1 ... 24)
&SYSMINUTE = Minute in the Hour (00 ... 59)
&SYSSECOND = Second in the Minute (00 ... 59)
&SYSYEAR     = Year (19xx)
&TOC         = Count of pages in table-of-contents
&rbl.        = Required Blank
&gml.        = Colon (:)
&amp.        = Ampersand (&)
&semi.       = Semicolon (;)
```

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System requirements:

IBM 80-column
display

128KB of memory
One diskette drive

IBM Printer

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