

# Macintosh Specific Commands

Page Setup...

Outline

Shadow

Create Publisher...

Subscribe To...

Publisher/Subscriber Options...

1st Item in Dialog

Next Item in Dialog

Previous Item in Dialog

Next Internal Item in Dialog

Previous Internal Item in Dialog

Item Left

Item Right

Item Up

Item Down

Select Item

## Key Modifiers

Cmd ..... Command

Option ..... Option

Shift ..... Shift

same as SunX

Ctrl ..... Control

same as SunX

## Typing

This is needed to match core behavior.

CharLeftQuote..... `

Use these to type various quotes when Smart Quotes is on:

CharASCIIApostrophe ..... Ctrl '

CharStraightQuote ..... Ctrl Shift '

i.e. Ctrl "

CharASCIILeftQuote ..... Ctrl `

## Standard Shortcuts

New ..... Cmd n

RepeatNew ..... Shift Cmd n

Open ..... Cmd o

BookOpen ..... Cmd O

Quit ..... Cmd w

Save ..... Cmd s

ImportFile ..... Cmd i

ImportFormats ..... Cmd Option o

ImportElementDefs..... Cmd Option j

Generate ..... Cmd u

Print ..... Cmd p

TerminateMaker.....	<u>Cmd q</u>
Undo .....	<u>Cmd z</u>
CopyCondTextSettings .....	<u>Option Cmd z</u>
Cut .....	<u>Cmd x</u>
CopyCharFormat.....	<u>Option Cmd x</u>
Copy .....	<u>Cmd c</u>
CopyPgFormat.....	<u>Option Cmd c</u>
Paste.....	<u>Cmd v</u>
SelectAll .....	<u>Cmd a</u>
Find/Change.....	<u>Cmd f</u>
ViewerFind.....	<u>Cmd F</u>
FindNext .....	<u>Cmd g</u>
FindPrevious.....	<u>Shift Cmd f</u>
FindPrevious.....	<u>Shift Cmd g</u>
ReplaceOnce .....	<u>Cmd r</u>
ReplaceAll	
ReplaceAndFindAgain.....	<u>Ctrl Cmd r</u>
FindSetFindString	

These two match MSWord, and were documented in 3.0 Shortcuts.

DeleteForw1Char .....	<u>Option Cmd f</u>
DeleteForwToNextWordStart .....	<u>Option Cmd g</u>

StyleSuperscript.....	<u>Shift Cmd +</u>
StylePlain .....	<u>Shift Cmd p</u>
StyleBold .....	<u>Shift Cmd b</u>
StyleItalic .....	<u>Shift Cmd I</u>
StyleUnderline .....	<u>Shift Cmd u</u>
StyleDoubleUnderline.....	<u>Ctrl Shift Cmd u</u>
StyleStrikethrough .....	<u>Shift Cmd \</u>
StyleOverline .....	<u>Shift Cmd o</u>
StyleChangeBar .....	<u>Shift Cmd y</u>
StyleSuperscript.....	<u>Shift Cmd +</u>
StyleSuperscript.....	<u>Shift Cmd =</u>
	i.e. cmd-Shift +
StyleSubscript.....	<u>Shift Cmd -</u>
StyleOutline.....	<u>Shift Cmd z</u>
StyleShadow .....	<u>Shift Cmd w</u>
IncrementTextOnePt.....	<u>Shift Cmd .</u>
	i.e. cmd greaterthan
DecrementTextOnePt.....	<u>Shift Cmd ,</u>
	i.e. cmd lessthan
CharacterKerned .....	<u>Shift Cmd k</u>
CharacterRepeatLast .....	<u>Shift Cmd d</u>
CharQuickKey .....	<u>Cmd \</u>
LeftPara .....	<u>Shift Cmd l</u>
	shift-cmd-L

CenterPara .....	<u>Shift Cmd c</u>
RightPara.....	<u>Shift Cmd r</u>
FullyJustifyPara .....	<u>Shift Cmd j</u>
GotoPreviousPage .....	<u>Cmd [</u>
GotoNextPage.....	<u>Cmd ]</u>
GotoFirstPage .....	<u>Shift Cmd [</u> i.e. cmd {
GotoLastPage.....	<u>Shift Cmd ]</u> i.e. cmd }
GotoPreviousView .....	<u>Option Cmd [</u>
CharacterFormatDesigner .....	<u>Cmd d</u>
ParagraphFormatDesigner .....	<u>Cmd m</u>
AnchoredFrame .....	<u>Cmd h</u>
Footnote .....	<u>Cmd e</u>
CrossReference.....	<u>Cmd k</u>
ViewBorders .....	<u>Option Cmd h</u>
ViewTextSymbols .....	<u>Cmd y</u>
ViewRulers .....	<u>Option Cmd u</u>
ViewGridLines .....	<u>Option Cmd i</u>
ViewElementBoundaries.....	<u>Option Cmd y</u>
ViewBodyPages.....	<u>Option Cmd b</u>
ViewMasterPages .....	<u>Option Cmd m</u>
ViewReferencePages .....	<u>Option Cmd r</u>
GotoPage .....	<u>Cmd t</u>
PageAdd .....	<u>Option Cmd a</u>
!PageDelete .....	<u>Option Cmd d</u>

These two were not documented in 3.0, but were active:

RotatePage.....	<u>Option Cmd O</u>
RotatePageClockwise .....	<u>Shift Option Cmd O</u>

LayoutNormal.....	<u>Option Cmd l</u> option-cmd-L
GraphicsGroup.....	<u>Shift Option Cmd g</u>
GraphicsUngroup.....	<u>Shift Option Cmd u</u>
GraphicsBringToFront.....	<u>Shift Option Cmd +</u> not found in keymap tables, just for the label
GraphicsBringToFront.....	<u>Shift Option Cmd =</u> i.e. cmd-opt-sh Shift
GraphicsSendToBack .....	<u>Shift Option Cmd -</u>
GraphicsAlign.....	<u>Shift Option Cmd a</u>
GraphicsDistribute .....	<u>Shift Option Cmd d</u>
GraphicsReshape.....	<u>Shift Option Cmd r</u>
GraphicsSmooth.....	<u>Shift Option Cmd m</u>
GraphicsUnsmooth .....	<u>Ctrl Shift Option Cmd m</u>
GraphicsFlipUpDown.....	<u>Shift Option Cmd v</u>

GraphicsFlipLeftRight .....	<u>Shift Option Cmd h</u>
GraphicsRotate .....	<u>Shift Option Cmd o</u>
GraphicsScale .....	<u>Shift Option Cmd s</u>
GraphicsSetNumSides .....	<u>Shift Option Cmd n</u>
GraphicsObjProps .....	<u>Shift Option Cmd p</u>
GraphicsOverprint .....	<u>Shift Option Cmd b</u>
GraphicsGravity .....	<u>Shift Option Cmd y</u>
GraphicsSnap .....	<u>Shift Option Cmd l</u>
	sh-op-cmd-L
TableInsert .....	<u>Shift Option Cmd t</u>
TableFormatDesigner .....	<u>Option Cmd t</u>
TableResizeColumns .....	<u>Option Cmd s</u>
ContextSensitiveHelp .....	<u>Cmd ?</u>
	not found in keymap tables, just for the label
ContextSensitiveHelp .....	<u>Cmd Shift /</u>
	i.e. cmd-?
ContextSensitiveHelp .....	<u>Cmd /</u>
LockDoc .....	<u>Option Cmd e</u>
SetDialogItemsNoChange .....	<u>Shift Cmd x</u>
ResetDialog .....	<u>Shift Cmd v</u>
CharNonBreakHyphen .....	<u>Cmd `</u>
CharDiscretionaryHyphen .....	<u>Cmd -</u>
NoHyphenWord .....	<u>Option Cmd -</u>
Abort .....	<u>Cmd .</u>
UnifyParas .....	<u>Shift Cmd h</u>
RepeatLastParaCommand .....	<u>Shift Cmd m</u>
ParaTopOfColumn .....	<u>Option Cmd p</u>
ParaAnywhere .....	<u>Shift Cmd e</u>
QuickConditionalIn .....	<u>Option Cmd ,</u>
QuickConditionalNotIn .....	<u>Option Cmd .</u>
QuickConditionalUn .....	<u>Option Cmd /</u>
Variable .....	<u>Cmd b</u>
Marker .....	<u>Cmd j</u>
InsertNewMarker .....	<u>Option Cmd k</u>
ConditionalText .....	<u>Cmd 5</u>
ConditionVisibility .....	<u>Option Cmd v</u>
ViewSeparation1 .....	<u>Option Cmd 1</u>
ViewSeparation2 .....	<u>Option Cmd 2</u>
ViewSeparation3 .....	<u>Option Cmd 3</u>
ViewSeparation4 .....	<u>Option Cmd 4</u>
ViewSeparation5 .....	<u>Option Cmd 5</u>
ViewSeparation6 .....	<u>Option Cmd 6</u>
CharThinSpace .....	<u>Option Cmd 7</u>
CharEnSpace .....	<u>Option Cmd 8</u>
CharEmSpace .....	<u>Option Cmd 9</u>
CharNumberSpace .....	<u>Option Cmd 0</u>

WindowHide .....	<u>Option Cmd w</u>
TableShrinkWrapColWidth .....	<u>Option Cmd =</u>
Thesaurus .....	<u>Shift Cmd t</u>
ThesaurusReplace .....	<u>Ctrl Shift Cmd t</u>
StructureView .....	<u>Shift Cmd s</u>
BookStructureView .....	<u>Shift Cmd S</u>
!ElementMergeFirst .....	<u>Option Ctrl m</u>
!ElementUnwrap .....	<u>Option Ctrl n</u>
!ElementSplit .....	<u>Option Ctrl p</u>
!Validation .....	<u>Option Ctrl v</u>

### *Palette Shortcuts*

ClosePalette .....	<u>Ctrl Cmd w</u>
ParagraphCatalog .....	<u>Cmd 1</u>
CloseParagraphCatalog .....	<u>Ctrl Cmd 1</u>
CharacterCatalog .....	<u>Cmd 2</u>
CloseCharacterCatalog .....	<u>Ctrl Cmd 2</u>
ToolsPalette .....	<u>Cmd 3</u>
CloseToolsPalette .....	<u>Ctrl Cmd 3</u>
EquationsPalette .....	<u>Cmd 4</u>
CloseEquationsPalette .....	<u>Ctrl Cmd 4</u>
LayoutCommands .....	<u>Cmd 6</u>
CloseLayoutCommands .....	<u>Ctrl Cmd 6</u>
ElementCatalog .....	<u>Cmd 7</u>
CloseElementCatalog .....	<u>Ctrl Cmd 7</u>
BookElementCatalog .....	<u>Cmd 7</u>
CloseBookElementCatalog .....	<u>Ctrl Cmd 7</u>
CommandPalette .....	<u>Cmd 8</u>
CloseCommandPalette .....	<u>Ctrl Cmd 8</u>

## Function Keys

### No Modifiers Function Keys

Undo .....	<u>F1</u>
Cut .....	<u>F2</u>
Copy .....	<u>F3</u>
Paste .....	<u>F4</u>
New .....	<u>F5</u>
Open .....	<u>F6</u>
Save .....	<u>F7</u>
Print .....	<u>F8</u>
CharacterDefaultPgFont .....	<u>F9</u>
StyleBold .....	<u>F10</u>
StyleItalic .....	<u>F11</u>
StyleUnderline .....	<u>F12</u>
ParagraphCatalog .....	<u>F13</u>
ParagraphFormatDesigner .....	<u>F14</u>
SpellingChecker .....	<u>F15</u>

### Shift-Function Keys

F1

CopyCharFormat..... Shift F2

CopyPgFormat..... Shift F3

F4

F5

ImportFile ..... Shift F6 |

SaveAs ..... Shift F7 |

PageSetup..... Shift F8 |

StylePlain ..... Shift F9 |

Capitalization ..... Shift F10 |

StyleOutline..... Shift F11 |

StyleStrikethrough ..... Shift F12 |

CharacterCatalog..... Shift F13 |

CharacterFormatDesigner ..... Shift F14 |

SetDialogItemsNoChange..... Shift F15 |

this is "as is"

### Option Function Keys

F1

F2

F3

F4

F5

F6

F7

F8

F9

F10

ElementCatalog .....	<u>Option F9</u>
StructureView .....	<u>Option F10</u>
StyleShadow .....	<u>Option F11</u>
StyleOverline .....	<u>Option F12</u>
EquationsPalette .....	<u>Option F13</u>
Flow .....	<u>Option F14</u>
F15	

### *Command Function Keys*

F1	
F2	
F3	
F4	
F5	
F6	
F7	
F8	
F9	
F10	
F11	
F12	
ToolsPalette .....	<u>Cmd F13</u>
FormatDocument .....	<u>Cmd F14</u>
F15	

## **Arrow Keys**

### *No Modifiers Arrow Keys*

IUpOneLine .....	<u>Up</u>
IPDownOneLine .....	<u>Down</u>
IPLeftOneCharacter .....	<u>Left</u>
IPRightOneCharacter .....	<u>Right</u>

### *Arrow Keys*

ExtendOneLineUp .....	<u>Shift Up</u>
ExtendOneLineDown .....	<u>Shift Down</u>
SelectPreviousCharacter .....	<u>Shift Left</u>
SelectCharacter .....	<u>Shift Right</u>

### *Option Arrow Keys*

Move1PtUp .....	<u>Option Up</u>
Move1PtDown .....	<u>Option Down</u>
Move1PtLeft .....	<u>Option Left</u>
Move1PtRight .....	<u>Option Right</u>

### Command Arrow Keys

IPToPrevParaStart.....	<u>Cmd Up</u>
IPToNextParaStart .....	<u>Cmd Down</u>
IPStartOfWord.....	<u>Cmd Left</u>
IPToNextWordStart.....	<u>Cmd Right</u>

### Shift-Option Arrow Keys

Move6PtUp.....	<u>Shift Option Up</u>
Move6PtDown.....	<u>Shift Option Down</u>
Move6PtLeft .....	<u>Shift Option Left</u>
Move6PtRight.....	<u>Shift Option Right</u>

### Shift-Command Arrow Keys

SelectPreviousParagraph .....	<u>Shift Cmd Up</u>
SelectNextParagraph.....	<u>Shift Cmd Down</u>
SelectPreviousWord .....	<u>Shift Cmd Left</u>
SelectNextWord.....	<u>Shift Cmd Right</u>

### Shift-Option-Command Arrow Keys

Shift Option Cmd

Up

IPToNextParaEnd .....	<u>Shift Option Cmd Down</u>
Left	
IPToNextWordEnd.....	<u>Shift Option Cmd Right</u>

### Option-Command Arrow Keys

AlignTop.....	<u>Option Cmd Up</u>
AlignBottom .....	<u>Option Cmd Down</u>
LeftPara .....	<u>Option Cmd Left</u>
RightPara.....	<u>Option Cmd Right</u>

### Control Arrow Keys

structure navigation commands for doc/structure window

SwIPUp .....	<u>Up</u>
SwIPDown .....	<u>Down</u>
SwIPLeft .....	<u>Left</u>
SwIPRight .....	<u>Right</u>

### Control-Shift Arrow Keys

structure selection commands for doc/structure window

SelectPreviousElement .....	<u>Up</u>
SelectNextElement .....	<u>Down</u>
SelectParent .....	<u>Left</u>
.....	<u>Right</u>



### *Control-Option Arrow Keys*

GotoFirstPage .....	<u>Ctrl Option Up</u>
GotoLastPage .....	<u>Ctrl Option Down</u>
IPTopOfColumn .....	<u>Ctrl Option Left</u>
IPBottomOfColumn .....	<u>Ctrl Option Right</u>

### *Control-Shift-Option Arrow Keys*

ExtendOneLineUp .....	<u>Ctrl Shift Option Up</u>
ExtendOneLineDown .....	<u>Ctrl Shift Option Down</u>
ExtendToTopOfColumn .....	<u>Ctrl Shift Option Left</u>
ExtendToBottomOfColumn .....	<u>Ctrl Shift Option Right</u>

### *Command-Control Arrow Keys*

IPStartOfFlow .....	<u>Ctrl Cmd Up</u>
IPEndOfFlow .....	<u>Ctrl Cmd Down</u>
IPStartOfSentence.....	<u>Ctrl Cmd Left</u>
IPToNextSentenceEnd.....	<u>Ctrl Cmd Right</u>

### *Command-Control-Shift Arrow Keys*

ExtendToStartOfFlow.....	<u>Ctrl Shift Cmd Up</u>
ExtendToEndOfFlow.....	<u>Ctrl Shift Cmd Down</u>
SelectPreviousSentence .....	<u>Ctrl Shift Cmd Left</u>
SelectNextSentence .....	<u>Ctrl Shift Cmd Right</u>

## ***Help Cluster***

WindowFullUp .....	<u>PageUp</u>
WindowFullDown .....	<u>PageDown</u>
GotoPreviousPage .....	<u>PageUp</u>
GotoNextPage.....	<u>PageDown</u>
GotoFirstPage .....	<u>Cmd PageUp</u>
GotoLastPage .....	<u>Cmd PageDown</u>
GotoFirstPage .....	<u>Home</u>
GotoLastPage.....	<u>End</u>
ExtendToTopOfColumn .....	<u>Shift Home</u>
ExtendToBottomOfColumn .....	<u>Shift End</u>
MoveIPToColumnTop .....	<u>Option Home</u>
MoveIPToColumnBottom .....	<u>Option End</u>
IPStartOfFlow .....	<u>Cmd Home</u>
IPEndOfFlow .....	<u>Cmd End</u>
ExtendToStartOfFlow.....	<u>Shift Cmd Home</u>
ExtendToEndOfFlow.....	<u>Shift Cmd End</u>
Help.....	<u>Help</u>
Help.....	<u>Shift Help</u>
Help.....	<u>Option Help</u>
Help.....	<u>Cmd Help</u>
Help.....	<u>Ctrl Help</u>
DeleteForw1Char .....	<u>Del</u>

## ***KeyPad***

Note that KP\_Enter and Enter are treated the same, eventhough on some keyboards there is no keypad, but there is an enter key (powerbooks). KP\_NumLock and KP\_Clear are treated the same as well.

#### *No Modifiers Keypad*

NumLock .....	<u>KP_Clear</u> KP_NumLock set as well
CharHardReturn .....	<u>KP_Enter</u>
CharHardReturn .....	<u>Enter</u>
KP_0	
IPToNextSentenceEnd.....	<u>KP_1</u>
IPDownOneLine.....	<u>KP_2</u> down
GotoNextPage.....	<u>KP_3</u>
IPLeftOneCharacter .....	<u>KP_4</u> left
IPTopOfColumn.....	<u>KP_5</u>
IPRightOneCharacter .....	<u>KP_6</u> right
IPToNextSentenceStart.....	<u>KP_7</u>
IPUpOneLine.....	<u>KP_8</u> up
GotoPreviousPage .....	<u>KP_9</u>
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

#### *Keypad Shift*

NumLock .....	<u>Shift KP_Clear</u> KP_NumLock set as well
PageBreak .....	<u>Shift KP_Enter</u>
PageBreak .....	<u>Shift Enter</u>
KP_0	
SelectNextLine .....	<u>Shift KP_1</u>
ExtendOneLineDown .....	<u>Shift KP_2</u> down
KP_3	
SelectPreviousCharacter .....	<u>Shift KP_4</u> left
ExtendToTopOfColumn.....	<u>Shift KP_5</u>
SelectCharacter .....	<u>Shift KP_6</u> right
SelectPreviousLine .....	<u>Shift KP_7</u>
ExtendOneLineUp .....	<u>Shift KP_8</u> up

KP\_9

KP\_Add

KP\_Subtract

KP\_Multiply

KP\_Divide

KP\_Equal

KP\_Decimal

*Option Keypad*

NumLock ..... Option KP\_Clear  
KP\_NumLock set as well

KP\_Enter

Enter

KP\_0

CharacterSqueezeSpace ..... Option KP\_1

Move1PtDown ..... Option KP\_2  
down

CharacterSpreadSpace ..... Option KP\_3

Move1PtLeft ..... Option KP\_4  
left

RemoveAllKerning ..... Option KP\_5

Move1PtRight ..... Option KP\_6  
right

KP\_7

Move1PtUp ..... Option KP\_8  
up

KP\_9

IncLineLeading1pt ..... Option KP\_Add

DecLineLeading1pt ..... Option KP\_Subtract

ShrinkwrapEquation ..... Option KP\_Multiply

KP\_Divide

KP\_Equal

KP\_Decimal

*Command Keypad*

NumLock ..... Cmd KP\_Clear  
KP\_NumLock set as well

KP\_Enter

Enter

KP\_0

IPToNextSentenceStart ..... Cmd KP\_1

IPToNextParaStart ..... Cmd KP\_2  
down

GotoLastPage ..... Cmd KP\_3

IPStartOfWord ..... Cmd KP\_4  
left

IPBottomOfColumn ..... Cmd KP\_5

IPToNextWordStart ..... Cmd KP\_6

	right
IPStartOfSentence.....	<u>Cmd KP_7</u>
IPToPrevParaStart.....	<u>Cmd KP_8</u>
	up
GotoFirstPage .....	<u>Cmd KP_9</u>
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	
<i>Shift-Option Keypad</i>	
NumLock .....	<u>Shift Option KP_Clear</u> KP_NumLock set as well
KP_Enter	
Enter	
KP_0	
KP_1	
Move6PtDown.....	<u>Shift Option KP_2</u> down
KP_3	
Move6PtLeft .....	<u>Shift Option KP_4</u> left
RemoveAllKerning.....	<u>Shift Option KP_5</u>
Move6PtRight.....	<u>Shift Option KP_6</u> right
KP_7	
Move6PtUp.....	<u>Shift Option KP_8</u> up
KP_9	
SetLineSpaceFixed.....	<u>Shift Option KP_Add</u>
SetLineSpaceFloating .....	<u>Shift Option KP_Subtract</u>
UnwrapEquation.....	<u>Shift Option KP_Multiply</u>
KP_Divide	
KP_Equal	
KP_Decimal	

### *Shift-Command Keypad*

NumLock .....	<u>Shift Cmd KP_Clear</u> KP_NumLock set as well
KP_Enter	
Enter	
KP_0	
SelectNextSentence .....	<u>Shift Cmd KP_1</u>
SelectNextParagraph.....	<u>Shift Cmd KP_2</u> down
KP_3	
SelectPreviousWord .....	<u>Shift Cmd KP_4</u> left
ExtendToBottomOfColumn .....	<u>Shift Cmd KP_5</u>
SelectNextWord.....	<u>Shift Cmd KP_6</u> right
SelectPreviousSentence .....	<u>Shift Cmd KP_7</u>
SelectPreviousParagraph .....	<u>Shift Cmd KP_8</u> up
KP_9	
StyleSuperscript.....	<u>Shift Cmd KP_Add</u>
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

### *Shift-Option-Command Keypad*

NumLock .....	<u>Shift Option Cmd KP_Clear</u> KP_NumLock set as well
KP_Enter	
Enter	
KP_0	
KP_1	
IPToNextParaEnd .....	<u>Shift Option Cmd KP_2</u> down
ExtendToEndOfFlow.....	<u>Shift Option Cmd KP_3</u>
KP_4.....	<u>left</u>
RotateClockwise90 .....	<u>Shift Option Cmd KP_5</u>
IPToNextWordEnd.....	<u>Shift Option Cmd KP_6</u> right
KP_7	
KP_8.....	<u>up</u>
ExtendToStartOfFlow.....	<u>Shift Option Cmd KP_9</u>
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	

KP\_Equal

KP\_Decimal

*Option-Command Keypad*

NumLock ..... Option Cmd KP\_Clear  
 KP\_NumLock set as well

KP\_Enter

Enter

KP\_0

CenterPara ..... Option Cmd KP\_1

AlignBottom ..... Option Cmd KP\_2

down

IPEndOfFlow ..... Option Cmd KP\_3

LeftPara ..... Option Cmd KP\_4

left

RotateCounterclock90 ..... Option Cmd KP\_5

RightPara ..... Option Cmd KP\_6

right

AlignMiddle ..... Option Cmd KP\_7

AlignTop ..... Option Cmd KP\_8

up

IPStartOfFlow ..... Option Cmd KP\_9

GraphicsBringToFront ..... Option Cmd KP\_Add

GraphicsSendToBack ..... Option Cmd KP\_Subtract

KP\_Multiply

KP\_Divide

KP\_Equal

KP\_Decimal

*Control Keypad*

NumLock ..... Ctrl KP\_Clear  
 KP\_NumLock set as well

KP\_Enter

Enter

KP\_0

KP\_1

SwIPDown ..... Ctrl KP\_2

down

KP\_3

SwIPLeft ..... Ctrl KP\_4

left

KP\_5

SwIPRight ..... Ctrl KP\_6

right

KP\_7

SwIPUp ..... Ctrl KP\_8

up

KP\_9

KP\_Add  
 KP\_Subtract  
 KP\_Multiply  
 KP\_Divide  
 KP\_Equal  
 KP\_Decimal

*Control-Shift Keypad*

NumLock ..... Ctrl Shift KP\_Clear  
 KP\_NumLock set as well

KP\_Enter  
 Enter  
 KP\_0  
 KP\_1

SelectNextElement ..... Ctrl Shift KP\_2  
 down

KP\_3

SelectParent ..... Ctrl Shift KP\_4  
 left

KP\_5

KP\_6 ..... right

KP\_7

SelectPreviousElement ..... Ctrl Shift KP\_8  
 up

KP\_9

KP\_Add  
 KP\_Subtract  
 KP\_Multiply  
 KP\_Divide  
 KP\_Equal  
 KP\_Decimal

*Control-Option Keypad*

NumLock ..... Ctrl Option KP\_Clear  
 KP\_NumLock set as well

KP\_Enter  
 Enter  
 KP\_0  
 KP\_1

GotoLastPage ..... Ctrl Option KP\_2  
 down

KP\_3

IPTopOfColumn ..... Ctrl Option KP\_4  
 left

KP\_5

IPBottomOfColumn ..... Ctrl Option KP\_6  
 right

KP\_7

GotoFirstPage .....	<u>Ctrl Option KP_8</u> up
KP_9	
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	
<i>Control-Shift-Option Keypad</i>	
NumLock .....	<u>Ctrl Shift Option KP_Clear</u> KP_NumLock set as well
KP_Enter	
Enter	
KP_0	
KP_1	
ExtendOneLineDown .....	<u>Ctrl Shift Option KP_2</u> down
KP_3	
ExtendToTopOfColumn .....	<u>Ctrl Shift Option KP_4</u> left
KP_5	
ExtendToBottomOfColumn .....	<u>Ctrl Shift Option KP_6</u> right
KP_7	
ExtendOneLineUp .....	<u>Ctrl Shift Option KP_8</u> up
KP_9	
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	
<i>Command-Control Keypad</i>	
NumLock .....	<u>Ctrl Cmd KP_Clear</u> KP_NumLock set as well
KP_Enter	
Enter	
KP_0	
KP_1	
IPEndOfFlow .....	<u>Ctrl Cmd KP_2</u> down
KP_3	
IPStartOfSentence.....	<u>Ctrl Cmd KP_4</u> left



KP_5	
IPToNextSentenceEnd.....	<u>Ctrl Cmd KP_6</u> right
KP_7	
IPStartOfFlow .....	<u>Ctrl Cmd KP_8</u> up
KP_9	
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	
<i>Command-Control-Shift Keypad</i>	
NumLock .....	<u>Ctrl Shift Cmd KP_Clear</u> KP_NumLock set as well
KP_Enter	
Enter	
KP_0	
KP_1	
ExtendToEndOfFlow.....	<u>Ctrl Shift Cmd KP_2</u> down
KP_3	
SelectPreviousSentence .....	<u>Ctrl Shift Cmd KP_4</u> left
KP_5	
SelectNextSentence .....	<u>Ctrl Shift Cmd KP_6</u> right
KP_7	
ExtendToStartOfFlow.....	<u>Ctrl Shift Cmd KP_8</u> up
KP_9	
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

## ***Tab, Return, Delete, Space***

Tab.....	<u>Tab</u>
BackTab.....	<u>Shift Tab</u>
FirstTab .....	<u>Option Tab</u>
CharTabForTableCell .....	<u>Esc Tab</u>
MoveIPDownAndSelectText.....	<u>Ctrl Tab</u>
MoveIPUpAndSelectText .....	<u>Shift Ctrl Tab</u>
Item1stLogical .....	<u>Tab</u>
ItemNextLogical.....	<u>Tab</u>
ItemPrevLogical .....	<u>Tab</u>
ItemNextPhysical .....	<u>Tab</u>
ItemPrevPhysical .....	<u>Tab</u>
Return.....	<u>Return</u>
AddRowsBelow .....	<u>Ctrl Return</u>
CharHardReturn .....	<u>Option Return</u>
CharHardReturn .....	<u>Shift Return</u>
ItemSelect .....	<u>Return</u>
OpenLine .....	<u>Option Cmd Return</u>
DeleteBack1Char.....	<u>Delete</u>
Cut .....	<u>Shift Delete</u>
DeleteBackToStartOfLine.....	<u>Ctrl Delete</u>
DeleteBackToPrevWordEnd .....	<u>Option Delete</u>
QuickVariables.....	<u>Cmd Delete</u>
ParaQuickKey .....	<u>Cmd Space</u>
CharacterDefaultPgFont .....	<u>Shift Cmd Space</u>
CharShiftSpace.....	<u>Shift Space</u>
CharHardSpace .....	<u>Option Space</u>

## ***Control Key Shortcuts***

These control shortcuts are selections from the XCommands file.

ReplaceOnce .....	<u>Ctrl Shift 5</u> i.e. ctrl %
QuickVariables.....	<u>Ctrl 0</u>
InsertElement.....	<u>Ctrl 1</u>
WrapElement.....	<u>Ctrl 2</u>
ChangeElement.....	<u>Ctrl 3</u>
QuickConditionalIn .....	<u>Ctrl 4</u>
QuickConditionalNotIn.....	<u>Ctrl 5</u>
QuickConditionalUn .....	<u>Ctrl 6</u>
CharQuickKey .....	<u>Ctrl 8</u>
ParaQuickKey .....	<u>Ctrl 9</u>

## Character control & meta commands

Ctrl (control) character commands (unused- r)

IPStartOfLine.....	<u>Ctrl a</u>
IPLeftOneCharacter .....	<u>Ctrl b</u>
Abort .....	<u>Ctrl c</u>
DeleteForw1Char .....	<u>Ctrl d</u>
IPEndOfLine.....	<u>Ctrl e</u>
IPRightOneCharacter .....	<u>Ctrl f</u>
GotoPage .....	<u>Ctrl g</u>
DeleteBack1Char .....	<u>Ctrl h</u>
CharTabForTableCell .....	<u>Ctrl i</u>
BackTab.....	<u>Ctrl Shift i</u>
CharHardReturn .....	<u>Ctrl j</u>
DeleteForwToEndOfLine .....	<u>Ctrl k</u>
WindowRedisplay .....	<u>Ctrl l</u>
Return.....	<u>Ctrl m</u>
IPDownOneLine.....	<u>Ctrl n</u>
OpenLine .....	<u>Ctrl o</u>
IPUpOneLine.....	<u>Ctrl p</u>
Find/Change.....	<u>Ctrl s</u>
TransposeChars .....	<u>Ctrl t</u>
DeleteBackToStartOfLine.....	<u>Ctrl u</u>
GotoNextPage.....	<u>Ctrl v</u>
Cut .....	<u>Ctrl w</u>
Paste.....	<u>Ctrl y</u>
RemoveAllKerning.....	<u>Ctrl z</u>
ExtendOneLineUp .....	<u>Ctrl Shift p</u>
ExtendOneLineDown .....	<u>Ctrl Shift n</u>
SelectCharacter.....	<u>Ctrl Shift f</u>
SelectPreviousCharacter .....	<u>Ctrl Shift b</u>
RemoveAllKerning.....	<u>Ctrl Shift z</u>

Option Ctrl Option-Control

These from XCommands

DeleteBackToPrevWordEnd .....	<u>Option Ctrl h</u>
FirstTab .....	<u>Option Ctrl i</u>
FindPrevious.....	<u>Option Ctrl r</u>
FindNext .....	<u>Option Ctrl s</u>

These from 3.0, and XCommands "Meta" section, with added control

InitialCapsText.....	<u>Option Ctrl c</u>
DeleteForwToNextSentenceEnd.....	<u>Option Ctrl k</u>
LowerCaseText.....	<u>Option Ctrl l</u>
	This is an 'el'.
UpperCaseText .....	<u>Option Ctrl u</u>

**Emacs'ish Ctrl x commands**

Quit .....	<u>Ctrl c</u>
Open .....	<u>Ctrl f</u>
Save .....	<u>Ctrl s</u>
Open .....	<u>Ctrl v</u>
SaveAs .....	<u>Ctrl w</u>
Paste .....	<u>Ctrl u</u>

**ASCII extensions**

*These are document-mode only. Math makes its own Ctrl q mappings, has its own commands for special symbols, and accented characters are confusing in math. The following are, however, accepted in math strings- begin one by hitting ', and end with a space.*

DiaeresisA .....	<u>Ctrl q Ctrl 2</u>
DiaeresisA .....	<u>Ctrl q Ctrl \s</u>
RingA .....	<u>Ctrl q Ctrl a</u>
CedillaC .....	<u>Ctrl q Ctrl b</u>
AcuteE .....	<u>Ctrl q Ctrl c</u>
TildeN .....	<u>Ctrl q Ctrl d</u>
DiaeresisO .....	<u>Ctrl q Ctrl e</u>
DiaeresisU .....	<u>Ctrl q Ctrl f</u>
Acutea .....	<u>Ctrl q Ctrl g</u>
Gravea .....	<u>Ctrl q Ctrl h</u>
Circuma .....	<u>Ctrl q Ctrl i</u>
Diaeresisa .....	<u>Ctrl q Ctrl j</u>
Tildea .....	<u>Ctrl q Ctrl k</u>
Ringa .....	<u>Ctrl q Ctrl l</u>
Cedillac .....	<u>Ctrl q Ctrl m</u>
Acutee .....	<u>Ctrl q Ctrl n</u>
Gravee .....	<u>Ctrl q Ctrl o</u>
Circume .....	<u>Ctrl q Ctrl p</u>
Diaeresise .....	<u>Ctrl q Ctrl q</u>
Acutei .....	<u>Ctrl q Ctrl r</u>
Gravei .....	<u>Ctrl q Ctrl s</u>
Circumi .....	<u>Ctrl q Ctrl t</u>
Diaeresisi .....	<u>Ctrl q Ctrl u</u>
Tilden .....	<u>Ctrl q Ctrl v</u>
Acuteo .....	<u>Ctrl q Ctrl w</u>
Graveo .....	<u>Ctrl q Ctrl x</u>
Circumo .....	<u>Ctrl q Ctrl y</u>
Diaeresiso .....	<u>Ctrl q Ctrl z</u>
Tildeo .....	<u>Ctrl q Ctrl 7</u>
Acuteu .....	<u>Ctrl q Ctrl 8</u>
Graveu .....	<u>Ctrl q Ctrl 9</u>
Circumu .....	<u>Ctrl q Ctrl 0</u>
Diaeresisu .....	<u>Ctrl q Ctrl 1</u>
CharDagger .....	<u>Ctrl q \s</u>
CharUpsilon1 .....	<u>Ctrl q !</u>

	IN Symbol FONT ONLY
CharCent .....	<u>Ctrl q "</u>
CharPound .....	<u>Ctrl q #</u>
CharPilcrow .....	<u>Ctrl q \$</u>
CharBullet .....	<u>Ctrl q %</u>
CharParagraph .....	<u>Ctrl q &amp;</u>
CharGermanDoubleS .....	<u>Ctrl q '</u>
CharRegister .....	<u>Ctrl q (</u>
CharCopyright .....	<u>Ctrl q )</u>
CharTrademark .....	<u>Ctrl q *</u>
CharAcute .....	<u>Ctrl q +</u>
CharDiaeresis .....	<u>Ctrl q ,</u>
CharArrowUp .....	<u>Ctrl q -</u>
	IN Symbol FONT ONLY
DiphthongAE .....	<u>Ctrl q .</u>
ObliqueO .....	<u>Ctrl q /</u>
CharDegree .....	<u>Ctrl q 0</u>
	IN Symbol FONT ONLY
CharPlusMinus .....	<u>Ctrl q 1</u>
	IN Symbol FONT ONLY
CharSecond .....	<u>Ctrl q 2</u>
	IN Symbol FONT ONLY
CharGreaterEqual .....	<u>Ctrl q 3</u>
	IN Symbol FONT ONLY
CharYen .....	<u>Ctrl q 4</u>
CharProportional .....	<u>Ctrl q 5</u>
	IN Symbol FONT ONLY
CharPartialDiff .....	<u>Ctrl q 6</u>
	IN Symbol FONT ONLY
CharBigBullet .....	<u>Ctrl q 7</u>
	IN Symbol FONT ONLY
CharDivision .....	<u>Ctrl q 8</u>
	IN Symbol FONT ONLY
CharNotEqual .....	<u>Ctrl q 9</u>
	IN Symbol FONT ONLY
CharEquivalent .....	<u>Ctrl q \:</u>
	IN Symbol FONT ONLY
CharOrdFeminine .....	<u>Ctrl q ;</u>
CharOrdMasculine .....	<u>Ctrl q \&lt;</u>
CharVertBar .....	<u>Ctrl q =</u>
	IN Symbol FONT ONLY
Diphthongae .....	<u>Ctrl q \</u>
Obliqueo .....	<u>Ctrl q ?</u>
CharInvQuestion .....	<u>Ctrl q @</u>
CharInvExclamation .....	<u>Ctrl q A</u>
CharNot .....	<u>Ctrl q B</u>
CharWeierstrass .....	<u>Ctrl q C</u>

	IN Symbol FONT ONLY
CharFlorin .....	<u>Ctrl q D</u>
CharCirclePlus.....	<u>Ctrl q E</u>
	IN Symbol FONT ONLY
CharEmptySet.....	<u>Ctrl q F</u>
	IN Symbol FONT ONLY
CharLeftGuillemot.....	<u>Ctrl q G</u>
CharRightGuillemot .....	<u>Ctrl q H</u>
CharEllipsis .....	<u>Ctrl q I</u>
CharReflexSuperset.....	<u>Ctrl q J</u>
	IN Symbol FONT ONLY
GraveA .....	<u>Ctrl q K</u>
TildeA .....	<u>Ctrl q L</u>
TildeO .....	<u>Ctrl q M</u>
DiphthongOE.....	<u>Ctrl q N</u>
Diphthongoe .....	<u>Ctrl q O</u>
CharEndash .....	<u>Ctrl q P</u>
CharEmdash .....	<u>Ctrl q Q</u>
CharLeftDblQuote .....	<u>Ctrl q R</u>
CharRightDblQuote.....	<u>Ctrl q S</u>
CharLeftQuote.....	<u>Ctrl q T</u>
CharRightQuote .....	<u>Ctrl q U</u>
CharRadical .....	<u>Ctrl q V</u>
	IN Symbol FONT ONLY
CharDotProduct .....	<u>Ctrl q W</u>
	IN Symbol FONT ONLY
Diaeresisy .....	<u>Ctrl q X</u>
DiaeresisY.....	<u>Ctrl q Y</u>
CharFraction .....	<u>Ctrl q Z</u>
CharCurrency.....	<u>Ctrl q [</u>
CharLeftAngleQuote .....	<u>Ctrl q \</u>
CharRightAngleQuote.....	<u>Ctrl q ]</u>
CharKernfi.....	<u>Ctrl q Ctrl</u>
CharKernfl.....	<u>Ctrl q _</u>
CharDoubleDagger .....	<u>Ctrl q `</u>
CharPeriodCentered .....	<u>Ctrl q a</u>
CharBaseQuote .....	<u>Ctrl q b</u>
CharDblBaseQuote.....	<u>Ctrl q c</u>
CharPerThousand.....	<u>Ctrl q d</u>
CircumA.....	<u>Ctrl q e</u>
CircumE .....	<u>Ctrl q f</u>
AcuteA .....	<u>Ctrl q g</u>
DiaeresisE .....	<u>Ctrl q h</u>
GraveE .....	<u>Ctrl q i</u>
Acutel .....	<u>Ctrl q j</u>
Circuml.....	<u>Ctrl q k</u>
Diaeresisl .....	<u>Ctrl q l</u>

Gravel .....	<u>Ctrl q m</u>
AcuteO .....	<u>Ctrl q n</u>
CircumO .....	<u>Ctrl q o</u>
	NOT DEFINED IN STANDARD FONTS NOR Symbol FONT
GraveO .....	<u>Ctrl q q</u>
AcuteU .....	<u>Ctrl q r</u>
CircumU .....	<u>Ctrl q s</u>
GraveU .....	<u>Ctrl q t</u>
Charidotless .....	<u>Ctrl q u</u>
CharCircumflex .....	<u>Ctrl q v</u>
CharTilde .....	<u>Ctrl q w</u>
CharMacron .....	<u>Ctrl q x</u>
CharBreve .....	<u>Ctrl q y</u>
CharDotAbove .....	<u>Ctrl q z</u>
CharRingAbove .....	<u>Ctrl q {</u>
CharCedilla .....	<u>Ctrl q  </u>
CharDoubleAcute .....	<u>Ctrl q }</u>
CharOgonek .....	<u>Ctrl q ~</u>
	NOT DEFINED IN STANDARD FONTS NOR Symbol FONT

## MATH

New substitutes for control-meta-shift commands

MathSwapLeft .....	<u>Ctrl m Ctrl Left</u>
MathSwapRight .....	<u>Ctrl m Ctrl Right</u>
MathChange .....	<u>Ctrl m Ctrl d</u>
MathNorm .....	<u>Ctrl m Ctrl Shift \</u> i.e. ctrl-m ctrl   (vertical bar)
MathDeleteRow .....	<u>Ctrl m Ctrl r</u>
MathDeleteColumn .....	<u>Ctrl m Ctrl c</u>
Mathll .....	<u>Ctrl m Ctrl Shift ,</u> i.e. ctrl-m ctrl lessthan
Mathgg .....	<u>Ctrl m Ctrl Shift .</u> i.e. ctrl-m ctrl greaterthan
MathPre-Superscript .....	<u>Ctrl m Ctrl Shift 6</u> i.e. ctrl-m ctrl Ctrl
MathPre-Subscript .....	<u>Ctrl m Ctrl Shift -</u> i.e. ctrl-m ctrl _ (underscore)

Substitutes for control-meta and shift-meta commands

MathMoveLeftAllTheWay .....	<u>Ctrl m Ctrl Shift l</u> ctrl-shift-L
MathMoveRightAllTheWay .....	<u>Ctrl m Ctrl ;</u>
MathMoveLeftInto .....	<u>Ctrl m Ctrl i</u>
MathMoveRightInto .....	<u>Ctrl m Ctrl o</u>

Math: commands

MathDelete.....	<u>Ctrl h</u>
MathDelete.....	<u>Ctrl u</u>
MathToggleFormat .....	<u>Ctrl Shift t</u>
MathNewOperand.....	<u>Ctrl Shift n</u>

#### Math: Greek letters:

Mathalpha.....	<u>Option a</u>
Mathbeta .....	<u>Option b</u>
Mathchi.....	<u>Option c</u>
Mathdelta .....	<u>Option d</u>
MathDelta .....	<u>Option D</u>
Mathepsilon .....	<u>Option e</u>
Mathphi.....	<u>Option f</u>
Mathvarphi.....	<u>Option j</u>
MathPhi.....	<u>Option F</u>
Mathgamma .....	<u>Option g</u>
MathGamma.....	<u>Option G</u>
Matheta.....	<u>Option h</u>
Mathiota .....	<u>Option i</u>
Mathkappa.....	<u>Option k</u>
Mathcpartial.....	<u>Option 7</u>
Mathlambda .....	<u>Option l</u>
MathLambda .....	<u>Option L</u>
Mathmu .....	<u>Option m</u>
Mathnu.....	<u>Option n</u>
Mathpi.....	<u>Option p</u>
MathPi.....	<u>Option P</u>
Maththeta.....	<u>Option q</u>
Mathvartheta .....	<u>Option J</u>
MathTheta .....	<u>Option Q</u>
Mathrho.....	<u>Option r</u>
Mathsigma .....	<u>Option s</u>
Mathvarsigma .....	<u>Option E</u>
MathSigma.....	<u>Option S</u>
Mathtau .....	<u>Option t</u>
Mathupsilon .....	<u>Option u</u>
MathUpsilon .....	<u>Option U</u>
Mathomega .....	<u>Option o</u>
Mathvarpi .....	<u>Option I</u>
MathOmega.....	<u>Option O</u>
Mathxi.....	<u>Option x</u>
MathXi.....	<u>Option X</u>
Mathpsi .....	<u>Option y</u>
MathPsi .....	<u>Option Y</u>
Mathzeta.....	<u>Option z</u>

#### Math: Diacritical Marks:

Mathbar .....	<u>Option -</u>
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MathHat .....	<u>Option Shift 6</u> i.e. opt ctrl Ctrl
MathVector .....	<u>Option V</u>
MathTilde .....	<u>~</u>
MathSubTilde .....	<u>Option Shift `</u> i.e. opt Option
MathSubBox .....	<u>Option Shift -</u> i.e. opt _ (underscore)
MathArrow.....	<u>Option =</u>
MathArc .....	<u>Option Shift 2</u> i.e. opt @

### Unusual symbols

Mathinfty .....	<u>Option 1</u>
Mathbot.....	<u>Option 2</u>
Mathldots .....	<u>Option .</u>
Mathaleph .....	<u>Option 3</u>
Mathlm.....	<u>Option 4</u>
MathRe .....	<u>Option Shift 4</u> i.e. opt \$
Mathwp.....	<u>Option 5</u>
Mathemptyset .....	<u>Option 0</u>
Mathnabla.....	<u>Option 6</u>
Mathprime .....	<u>Option '</u>
Mathpprime .....	<u>Option Shift '</u> i.e. opt "
Mathdegree.....	<u>Option Shift 0</u> i.e. opt )

## Math: N-ary Templates

MathForceEquals .....	<u>Ctrl m =</u>
MathPlus .....	<u>+</u>
MathEquiv .....	<u>Ctrl q \:</u>
MathApprox .....	<u>Ctrl q ;</u>
MathPropTo .....	<u>Ctrl q 5</u>
MathCDot .....	<u>Ctrl .</u>
MathNotsubset.....	<u>Ctrl q K</u>
MathNi.....	<u>Ctrl '</u>
MathJotDot.....	<u>Ctrl j</u>
MathOTimes .....	<u>Ctrl q D</u>
MathOPlus .....	<u>Ctrl q E</u>
MathNotEqual.....	<u>Ctrl Option =</u>
MathSim.....	<u>Ctrl m ~</u>
MathWedge.....	<u>Ctrl q Y</u>
MathVee .....	<u>Ctrl q Z</u>
MathIn.....	<u>Ctrl q N</u>
MathSubset .....	<u>Ctrl q L</u>
MathSuperset .....	<u>Ctrl q I</u>
MathLeq .....	<u>Ctrl Shift ,</u> i.e. ctrl lessthan
MathGeq .....	<u>Ctrl Shift .</u> i.e. ctrl greaterthan
MathLeftArrow.....	<u>Ctrl q ,</u>
MathRightArrow.....	<u>Ctrl q .</u>
MathLRArrow.....	<u>Ctrl q +</u>
MathParallel.....	<u>Ctrl m p</u>
MathPerp.....	<u>Ctrl m r</u>
MathCap.....	<u>Ctrl m i</u>
MathCup .....	<u>Ctrl m u</u>
MathNotIn .....	<u>Ctrl q O</u>
MathSubsetEq .....	<u>Ctrl q J</u>
MathSupersetEq.....	<u>Ctrl q M</u>
Mathll .....	<u>Ctrl Option Shift ,</u> i.e. opt ctrl lessthan
Mathgg .....	<u>Ctrl Option Shift .</u> i.e. opt ctrl greaterthan
MathLeftArrow2 .....	<u>Ctrl q \</u>
MathRightArrow2.....	<u>Ctrl q ^</u>
MathLRArrow2 .....	<u>Ctrl q [</u>
Math: Multi-Format	
MathLParen .....	<u>Ctrl Shift 9</u> i.e. ctrl (
MathLeftParenSquareBracket.....	<u>Ctrl m [</u>
MathLeftParenBrace .....	<u>Ctrl m {</u>
MathDivide .....	<u>Ctrl m /</u>
MathFract.....	<u>Ctrl Option /</u>

## Large

MathInt .....	<u>Ctrl i</u>
MathOInt .....	<u>Ctrl Option i</u>
MathSum .....	<u>Ctrl Shift s</u>
MathProd .....	<u>Ctrl Shift p</u>
MathBigCap .....	<u>Ctrl m I</u>
MathBigCup .....	<u>Ctrl m U</u>

## with Additional Operands

MathOpTotal .....	<u>Ctrl Option t</u>
MathOpPartial .....	<u>Ctrl Option p</u>
MathSqrt .....	<u>Ctrl s</u>
Matho_TOTAL .....	<u>Ctrl t</u>
Matho_PARTIAL .....	<u>Ctrl p</u>

## Binary Operands

Mathbket .....	<u>Ctrl m B</u>
MathInprod .....	<u>Ctrl m N</u>
MathChoice .....	<u>Ctrl m h</u>
MathList .....	<u>Ctrl ;</u>
MathATop .....	<u>Ctrl a</u>
MathLim .....	<u>Ctrl Shift l</u> ctrl-shift-L
MathBullet .....	<u>Ctrl 8</u>
Mathcmut .....	<u>Ctrl m C</u>
Mathsn .....	<u>Ctrl Shift e</u>
MathCross .....	<u>Ctrl Shift 8</u> i.e. ctrl *
Mathacmut .....	<u>Ctrl m A</u>

## Indices

MathPre-Superscript .....	<u>Ctrl Option Shift 6</u> i.e. ctrl opt Ctrl
MathSuperscript .....	<u>Ctrl Shift 6</u> i.e. ctrl Ctrl
MathPre-Subscript .....	<u>Ctrl Option Shift -</u> i.e. ctrl opt _ (underscore)
MathSubscript .....	<u>Ctrl Shift -</u> i.e. ctrl _ (underscore)
Matho_ADDINDEX .....	<u>Ctrl n</u>

## Functions

MathFunction ..... Ctrl f

## Unaries

Matho\_NEGATE ..... Ctrl -

MathUEqual ..... Ctrl =

MathForAll ..... Ctrl m a

MathExists ..... Ctrl m e

MathTherefore ..... Ctrl m t

MathNeg ..... Ctrl m n

MathBox ..... Ctrl m x

MathUComma ..... Ctrl ,

MathDangle ..... Ctrl m <

MathPm ..... Ctrl q 1

MathAngle ..... Ctrl q P

MathVar ..... Ctrl Option d

MathDiff ..... Ctrl d

MathGrad ..... Ctrl q Q

MathDiv ..... Ctrl m v

MathBoxDot ..... Ctrl m o

MathAbs ..... Ctrl Shift \  
i.e. ctrl | (vertical bar)

MathCeil ..... Ctrl q i

MathBra ..... Ctrl m b

MathDagger ..... Ctrl m d

MathMp ..... Ctrl m 1

MathChange ..... Ctrl Option Shift d

MathPartial ..... Ctrl Shift d

MathCurl ..... Ctrl m c

MathLap ..... Ctrl m l

MathBox2 ..... Ctrl m 2

MathNorm ..... Ctrl Option Shift \  
i.e. ctrl opt | (vertical bar)

MathFloor ..... Ctrl q k

MathKet ..... Ctrl m k

MathAst ..... Ctrl m s

MathDownBrace ..... Ctrl m D

MathUpBrace ..... Ctrl m P

MathOverline ..... =

## Math: Matrices

MathCreate1x1matrix ..... Ctrl x Ctrl x

MathAddRow ..... Ctrl Shift r

XCommands has this as Option Shift r

MathAddColumn ..... Ctrl Shift c

MathDeleteRow ..... Ctrl Option Shift r

MathDeleteColumn ..... Ctrl Option Shift c

MathMoveToNextPrompt ..... Tab

MathDelete..... Delete

## Math navigation commands

MathMoveIPUp..... Up  
 MathMoveIPDown..... Down  
 MathMoveIPLeft..... Left  
 MathMoveIPRight..... Right  
 MathMoveIPUp..... KP\_8  
 MathMoveIPDown..... KP\_2  
 MathMoveIPLeft..... KP\_4  
 MathMoveIPRight..... KP\_6

## Option and Option Shift kern selections 1 and 6 pixels, respectively

These defined above for both doc and math.

Move1PtUp..... Option Up  
 Move1PtDown..... Option Down  
 Move1PtLeft..... Option Left  
 Move1PtRight..... Option Right  
 Move1PtUp..... Option KP\_8  
 Move1PtDown..... Option KP\_2  
 Move1PtLeft..... Option KP\_4  
 Move1PtRight..... Option KP\_6  
 MathRemoveAllKerning..... Option Home  
 MathRemoveAllKerning..... Option End  
 MathRemoveAllKerning..... Option KP\_5  
 MathRemoveAllKerning..... Shift Option KP\_5  
 MathKernUp6pts..... Option Shift Up  
 MathKernDown6pts..... Option Shift Down  
 MathKernLeft6pts..... Option Shift Left  
 MathKernRight6pts..... Option Shift Right  
 MathKernUp6pts..... Option Shift KP\_8  
 MathKernDown6pts..... Option Shift KP\_2  
 MathKernLeft6pts..... Option Shift KP\_4  
 MathKernRight6pts..... Option Shift KP\_6  
 MathRemoveAllKerning..... Ctrl Home  
 MathRemoveAllKerning..... Ctrl End  
 MathRemoveAllKerning..... Ctrl KP\_5  
 MathRemoveAllKerning..... Shift Ctrl Home  
 MathRemoveAllKerning..... Shift Ctrl End  
 MathRemoveAllKerning..... Shift Ctrl KP\_5

Shift and Option commands both move a selection, preserving equality

MathMoveUp .....	<u>Ctrl Up</u>
MathMoveDown .....	<u>Ctrl Down</u>
MathMoveLeft .....	<u>Ctrl Left</u>
MathMoveRight .....	<u>Ctrl Right</u>
MathMoveUp .....	<u>Ctrl KP_8</u>
MathMoveDown .....	<u>Ctrl KP_2</u>
MathMoveLeft .....	<u>Ctrl KP_4</u>
MathMoveRight .....	<u>Ctrl KP_6</u>
MathMoveLeftInto .....	<u>Ctrl Option Left</u>
MathMoveRightInto .....	<u>Ctrl Option Right</u>
MathMoveLeftInto .....	<u>Ctrl Option KP_4</u>
MathMoveRightInto .....	<u>Ctrl Option KP_6</u>
MathMoveLeftAllTheWay .....	<u>Ctrl Shift Left</u>
MathMoveRightAllTheWay .....	<u>Ctrl Shift Right</u>
MathMoveLeftAllTheWay .....	<u>Ctrl Shift KP_4</u>
MathMoveRightAllTheWay .....	<u>Ctrl Shift KP_6</u>

Move a whole element through a matrix or swap a whole numerator/denominator with the other.

MathSwapLeft .....	<u>Option Ctrl Shift Left</u>
MathSwapRight .....	<u>Option Ctrl Shift Right</u>
MathSwapLeft .....	<u>Option Ctrl Shift KP_4</u>
MathSwapRight .....	<u>Option Ctrl Shift KP_6</u>

Math: Keypad commands

MathPlus .....	<u>KP_Add</u>
MathEqual .....	<u>KP_Equal</u>
MathMult .....	<u>KP_Multiply</u>
MathOver .....	<u>KP_Divide</u>
MathMinus .....	<u>KP_Subtract</u>

This document is an edited form (using Nisus to grep the modifier key substitutions and remove the actual code syntax and definitions) of the MacCommands file that comes with ConfigUI, which may be found on the [ftp.frame.com](http://ftp.frame.com) site. This is one of a series of configuration files that allows one to modify the shortcuts and menus of FrameMaker.

I have made it available with absolutely no warranty or guarantee. Use it with the appropriate fear and trembling.

The page format is A4 – US users will have to create their own version for Letter from the MIF that I will eventually create (in January 1995?)

I hope it is useful to Mac Frame users. If you find any errors or omissions (two sins of which I am frequently guilty), let me know: [wilkins@wehi.edu.au](mailto:wilkins@wehi.edu.au)

John Wilkins