

# Macintosh Specific Commands

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.

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

## Menu items

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 <i>same as SunX</i>
Ctrl	Control <i>same as SunX</i>

## Typing

*This is needed to match core behavior.*

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

CharASCIIApostrophe	Ctrl ' i.e. 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
ImportElementDefns	Cmd Option j
Generate	Cmd u
Print	Cmd p
TerminateMaker	Cmd q
Undo	Cmd z
CopyCondTextSettings	Option Cmd z
Cut	Cmd x
CopyCharFormat	Option Cmd x
Copy	Cmd c
CopyPgFormat	Option Cmd c
Paste	Cmd v
SelectAll	Cmd a
Find/Change	Cmd f
ViewerFind	Cmd F

FindNext	Cmd g
FindPrevious	Shift Cmd f
FindPrevious	Shift Cmd g
ReplaceOnce	Cmd r
ReplaceAll	
ReplaceAndFindAgain	Ctrl Cmd r
FindSetFindString	

<i>These two match MSWord, and were documented in 3.0 Shortcuts.</i>	
DeleteForw1Char	Option Cmd f
DeleteForwToNextWordStart	Option Cmd g
StyleSuperscript	Shift Cmd +
StylePlain	Shift Cmd p
StyleBold	Shift Cmd b
StyleItalic	Shift Cmd I
StyleUnderline	Shift Cmd u
StyleDoubleUnderline	Ctrl Shift Cmd u
StyleStrikethrough	Shift Cmd \
StyleOverline	Shift Cmd o
StyleChangeBar	Shift Cmd y
StyleSuperscript	Shift Cmd +
StyleSuperscript	Shift Cmd = <i>i.e. cmd-Shift +</i>
StyleSubscript	Shift Cmd -
StyleOutline	Shift Cmd z
StyleShadow	Shift Cmd w
IncrementTextOnePt	Shift Cmd . <i>i.e. cmd greaterthan</i>
DecrementTextOnePt	Shift Cmd , <i>i.e. cmd lessthan</i>
CharacterKerned	Shift Cmd k
CharacterRepeatLast	Shift Cmd d

CharQuickKey	Cmd \
LeftPara	Shift Cmd l
CenterPara	Shift Cmd c
RightPara	Shift Cmd r
FullyJustifyPara	Shift Cmd j
GotoPreviousPage	Cmd [
GotoNextPage	Cmd ]
GotoFirstPage	Shift Cmd [ <i>i.e. cmd {</i>
GotoLastPage	Shift Cmd ] <i>i.e. cmd }</i>
GotoPreviousView	Option Cmd [
CharacterFormatDesigner	Cmd d
ParagraphFormatDesigner	Cmd m
AnchoredFrame	Cmd h
Footnote	Cmd e
CrossReference	Cmd k
ViewBorders	Option Cmd h
ViewTextSymbols	Cmd y
ViewRulers	Option Cmd u
ViewGridLines	Option Cmd i
ViewElementBoundaries	Option Cmd y
ViewBodyPages	Option Cmd b
ViewMasterPages	Option Cmd m
ViewReferencePages	Option Cmd r
GotoPage	Cmd t
PageAdd	Option Cmd a
!PageDelete	Option Cmd d
<i>These two were not documented in 3.0, but were active:</i>	
RotatePage	Option Cmd O
RotatePageClockwise	Shift Option Cmd O

LayoutNormal	Option Cmd l
GraphicsGroup	Shift Option Cmd g
GraphicsUngroup	Shift Option Cmd u
GraphicsBringToFront	Shift Option Cmd + <i>not found in keymap tables, just for the label</i> Shift Option Cmd = <i>i.e. cmd-opt-sh Shift</i>
GraphicsSendToBack	Shift Option Cmd -
GraphicsAlign	Shift Option Cmd a
GraphicsDistribute	Shift Option Cmd d
GraphicsReshape	Shift Option Cmd r
GraphicsSmooth	Shift Option Cmd m
GraphicsUnsmooth	Ctrl Shift Option Cmd m
GraphicsFlipUpDown	Shift Option Cmd v
GraphicsFlipLeftRight	Shift Option Cmd h
GraphicsRotate	Shift Option Cmd o
GraphicsScale	Shift Option Cmd s
GraphicsSetNumSides	Shift Option Cmd n
GraphicsObjProps	Shift Option Cmd p
GraphicsOverprint	Shift Option Cmd b
GraphicsGravity	Shift Option Cmd y
GraphicsSnap	Shift Option Cmd l
TableInsert	Shift Option Cmd t
TableFormatDesigner	Option Cmd t
TableResizeColumns	Option Cmd s
ContextSensitiveHelp	Cmd ? <i>not found in keymap tables, just for the label</i> Cmd Shift / <i>i.e. cmd-?</i> Cmd /
LockDoc	Option Cmd e
SetDialogItemsNoChange	Shift Cmd x
ResetDialog	Shift Cmd v

CharNonBreakHyphen	Cmd `
CharDiscretionaryHyphen	Cmd -
NoHyphenWord	Option Cmd -
Abort	Cmd .
UnifyParas	Shift Cmd h
RepeatLastParaCommand	Shift Cmd m
ParaTopOfColumn	Option Cmd p
ParaAnywhere	Shift Cmd e
QuickConditionalIn	Option Cmd ,
QuickConditionalNotIn	Option Cmd .
QuickConditionalUn	Option Cmd /
Variable	Cmd b
Marker	Cmd j
InsertNewMarker	Option Cmd k
ConditionalText	Cmd 5
ConditionVisibility	Option Cmd v
ViewSeparation1	Option Cmd 1
ViewSeparation2	Option Cmd 2
ViewSeparation3	Option Cmd 3
ViewSeparation4	Option Cmd 4
ViewSeparation5	Option Cmd 5
ViewSeparation6	Option Cmd 6
CharThinSpace	Option Cmd 7
CharEnSpace	Option Cmd 8
CharEmSpace	Option Cmd 9
CharNumberSpace	Option Cmd 0
WindowHide	Option Cmd w
TableShrinkWrapColWidth	Option Cmd =
Thesaurus	Shift Cmd t
ThesaurusReplace	Ctrl Shift Cmd t
StructureView	Shift Cmd s

BookStructureView	Shift Cmd S
!ElementMergeFirst	Option Ctrl m
!ElementUnwrap	Option Ctrl n
!ElementSplit	Option Ctrl p
!Validation	Option Ctrl v

## Palette Shortcuts

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

## Function Keys

### No Modifiers Function Keys

Undo	F1
Cut	F2
Copy	F3
Paste	F4
New	F5

Open	F6
Save	F7
Print	F8
CharacterDefaultPgFont	F9
StyleBold	F10
StyleItalic	F11
StyleUnderline	F12
ParagraphCatalog	F13
ParagraphFormatDesigner	F14
SpellingChecker	F15

## 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 <i>this is "as is"</i>



## Option Function Keys

F1	
F2	
F3	
F4	
F5	
F6	
F7	
F8	
F9	
F10	
ElementCatalog	Option F9
StructureView	Option F10
StyleShadow	Option F11
StyleOverline	Option F12
EquationsPalette	Option F13
Flow	Option F14
F15	

## Command Function Keys

F1	
F2	
F3	
F4	
F5	
F6	
F7	
F8	
F9	
F10	
F11	

F12	
ToolsPalette	Cmd F13
FormatDocument	Cmd F14
F15	

## Arrow Keys

### No Modifiers Arrow Keys

IPUpOneLine	Up
IPDownOneLine	Down
IPLeftOneCharacter	Left
IPRightOneCharacter	Right

### Shift Arrow Keys

ExtendOneLineUp	Shift Up
ExtendOneLineDown	Shift Down
SelectPreviousCharacter	Shift Left
SelectCharacter	Shift Right

### Option Arrow Keys

Move1PtUp	Option Up
Move1PtDown	Option Down
Move1PtLeft	Option Left
Move1PtRight	Option Right

### Command Arrow Keys

IPToPrevParaStart	Cmd Up
IPToNextParaStart	Cmd Down
IPStartOfWord	Cmd Left
IPToNextWordStart	Cmd Right

## Shift-Option Arrow Keys

Move6PtUp	Shift Option Up
Move6PtDown	Shift Option Down
Move6PtLeft	Shift Option Left
Move6PtRight	Shift Option Right

## Shift-Command Arrow Keys

SelectPreviousParagraph	Shift Cmd Up
SelectNextParagraph	Shift Cmd Down
SelectPreviousWord	Shift Cmd Left
SelectNextWord	Shift Cmd Right

## Shift-Option-Command Arrow Keys

Up	
IPToNextParaEnd	Shift Option Cmd Down
Left	
IPToNextWordEnd	Shift Option Cmd Right

## Option-Command Arrow Keys

AlignTop	Option Cmd Up
AlignBottom	Option Cmd Down
LeftPara	Option Cmd Left
RightPara	Option Cmd Right

## Control Arrow Keys

*structure navigation commands for doc/structure window*

SwIPUp	Ctrl Up
SwIPDown	Ctrl Down
SwIPLeft	Ctrl Left
SwIPRight	Ctrl Right

## Control-Shift Arrow Keys

*structure selection commands for doc/structure window*

SelectPreviousElement	Ctrl Shift Up
SelectNextElement	Ctrl Shift Down
SelectParent	Ctrl Shift Left
	Ctrl Shift Right

## Control-Option Arrow Keys

GotoFirstPage	Ctrl Option Up
GotoLastPage	Ctrl Option Down
IPTopOfColumn	Ctrl Option Left
IPBottomOfColumn	Ctrl Option Right

## Control-Shift-Option Arrow Keys

ExtendOneLineUp	Ctrl Shift Option Up
ExtendOneLineDown	Ctrl Shift Option Down
ExtendToTopOfColumn	Ctrl Shift Option Left
ExtendToBottomOfColumn	Ctrl Shift Option Right

## Command-Control Arrow Keys

IPStartOfFlow	Ctrl Cmd Up
IPEndOfFlow	Ctrl Cmd Down
IPStartOfSentence	Ctrl Cmd Left
IPToNextSentenceEnd	Ctrl Cmd Right

## Command-Control-Shift Arrow Keys

ExtendToStartOfFlow	Ctrl Shift Cmd Up
ExtendToEndOfFlow	Ctrl Shift Cmd Down
SelectPreviousSentence	Ctrl Shift Cmd Left
SelectNextSentence	Ctrl Shift Cmd Right

## Help Cluster

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

## Keypad

*Note that KP\_Enter and Enter are treated the same, even though 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	KP_Clear <i>KP_NumLock set as well</i>
CharHardReturn	KP_Enter
CharHardReturn	Enter
KP_0	
IPToNextSentenceEnd	KP_1
IPDownOneLine	KP_2 down
GotoNextPage	KP_3
IPLeftOneCharacter	KP_4 left
IPTopOfColumn	KP_5
IPRightOneCharacter	KP_6 right
IPToNextSentenceStart	KP_7
IPUpOneLine	KP_8 up
GotoPreviousPage	KP_9
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

### Keypad Shift

NumLock	KP_Clear <i>KP_NumLock set as well</i>
PageBreak	Shift KP_Enter
PageBreak	Shift Enter
KP_0	

SelectNextLine	Shift KP_1
ExtendOneLineDown	Shift KP_2 down
KP_3	
SelectPreviousCharacter	Shift KP_4 left
ExtendToTopOfColumn	Shift KP_5
SelectCharacter	Shift KP_6 right
SelectPreviousLine	Shift KP_7
ExtendOneLineUp	Shift KP_8 up
KP_9	
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

## Option Keypad

NumLock	KP_Clear <i>KP_NumLock set as well</i>
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 <i>KP_NumLock set as well</i>
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	Cmd KP_7
IPToPrevParaStart	Cmd KP_8 up
GotoFirstPage	Cmd KP_9
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	



## Shift-Option Keypad

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

## Shift-Command Keypad

NumLock	Shift Cmd KP_Clear <i>KP_NumLock set as well</i>
KP_Enter Enter	
KP_0	
SelectNextSentence	Shift Cmd KP_1
SelectNextParagraph	Shift Cmd KP_2 down

KP_3	
SelectPreviousWord	Shift Cmd KP_4 left
ExtendToBottomOfColumn	Shift Cmd KP_5
SelectNextWord	Shift Cmd KP_6 right
SelectPreviousSentence	Shift Cmd KP_7
SelectPreviousParagraph	Shift Cmd KP_8 up
KP_9	
StyleSuperscript	Shift Cmd KP_Add
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

### Shift-Option-Command Keypad

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

KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

## Option-Command Keypad

NumLock	Option Cmd KP_Clear <i>KP_NumLock set as well</i>
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 <i>KP_NumLock set as well</i>
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 <i>KP_NumLock set as well</i>
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 <i>KP_NumLock set as well</i>
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	Ctrl Option KP_8 up
KP_9	
KP_Add	
KP_Subtract	

KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

## Control-Shift-Option Keypad

NumLock	Ctrl Shift Option KP_Clear <i>KP_NumLock set as well</i>
KP_Enter Enter	
KP_0	
KP_1	
ExtendOneLineDown	Ctrl Shift Option KP_2 down
KP_3	
ExtendToTopOfColumn	Ctrl Shift Option KP_4 left
KP_5	
ExtendToBottomOfColumn	Ctrl Shift Option KP_6 right
KP_7	
ExtendOneLineUp	Ctrl Shift Option KP_8 up
KP_9	
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

## Command-Control Keypad

NumLock	Ctrl Cmd KP_Clear <i>KP_NumLock set as well</i>
KP_Enter Enter	
KP_0	
KP_1	
IPEndOfFlow	Ctrl Cmd KP_2 down
KP_3	
IPStartOfSentence	Ctrl Cmd KP_4 left
KP_5	
IPToNextSentenceEnd	Ctrl Cmd KP_6 right
KP_7	
IPStartOfFlow	Ctrl Cmd KP_8 up
KP_9	
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

## Command-Control-Shift Keypad

NumLock	Ctrl Shift Cmd KP_Clear <i>KP_NumLock set as well</i>
KP_Enter	
Enter	
KP_0	
KP_1	
ExtendToEndOfFlow	Ctrl Shift Cmd KP_2 down

KP_3	
SelectPreviousSentence	Ctrl Shift Cmd KP_4 left
KP_5	
SelectNextSentence	Ctrl Shift Cmd KP_6 right
KP_7	
ExtendToStartOfFlow	Ctrl Shift Cmd KP_8 up
KP_9	
KP_Add	
KP_Subtract	
KP_Multiply	
KP_Divide	
KP_Equal	
KP_Decimal	

## Tab, Return, Delete, Space

Tab	Tab
BackTab	Shift Tab
FirstTab	Option Tab
CharTabForTableCell	Esc Tab
MoveIPDownAndSelectText	Ctrl Tab
MoveIPUpAndSelectText	Shift Ctrl Tab
Item1stLogical	Tab
ItemNextLogical	Tab
ItemPrevLogical	Tab
ItemNextPhysical	Tab
ItemPrevPhysical	Tab
Return	Return
AddRowsBelow	Ctrl Return
CharHardReturn	Option Return
CharHardReturn	Shift Return



ItemSelect	Return
OpenLine	Option Cmd Return
DeleteBack1Char	Delete
Cut	Shift Delete
DeleteBackToStartOfLine	Ctrl Delete
DeleteBackToPrevWordEnd	Option Delete
QuickVariables	Cmd Delete
ParaQuickKey	Cmd Space
CharacterDefaultPgfFont	Shift Cmd Space
CharShiftSpace	Shift Space
CharHardSpace	Option Space

## Control Key Shortcuts

*These control shortcuts are selections from the XCommands file.*

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

## Character control & meta commands

*Ctrl (control) character commands (unused- r)*

IPStartOfLine	Ctrl a
IPLeftOneCharacter	Ctrl b
Abort	Ctrl c
DeleteForw1Char	Ctrl d

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

## Option Ctrl Option-Control

*These from XCommands*

DeleteBackToPrevWordEnd	Option Ctrl h
FirstTab	Option Ctrl i
FindPrevious	Option Ctrl r
FindNext	Option Ctrl s

<i>These from 3.0, and XCommands "Meta" section, with added control</i>	
InitialCapsText	Option Ctrl c
DeleteForwToNextSentenceEnd	Option Ctrl k
LowerCaseText	Option Ctrl l
This is an 'el'.	
UpperCaseText	Option Ctrl u

## Emacs'ish Ctrl x commands

Quit	Ctrl c
Open	Ctrl f
Save	Ctrl s
Open	Ctrl v
SaveAs	Ctrl w
Paste	Ctrl 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	Ctrl q Ctrl 2
DiaeresisA	Ctrl q Ctrl \s
RingA	Ctrl q Ctrl a
CedillaC	Ctrl q Ctrl b
AcuteE	Ctrl q Ctrl c
TildeN	Ctrl q Ctrl d
DiaeresisO	Ctrl q Ctrl e
DiaeresisU	Ctrl q Ctrl f
Acutea	Ctrl q Ctrl g
Gravea	Ctrl q Ctrl h
Circuma	Ctrl q Ctrl i
Diaeresisa	Ctrl q Ctrl j
Tildea	Ctrl q Ctrl k
Ringa	Ctrl q Ctrl l

Cedillac	Ctrl q Ctrl m
Acutee	Ctrl q Ctrl n
Gravee	Ctrl q Ctrl o
Circume	Ctrl q Ctrl p
Diaeresise	Ctrl q Ctrl q
Acutei	Ctrl q Ctrl r
Gravei	Ctrl q Ctrl s
Circumi	Ctrl q Ctrl t
Diaeresisi	Ctrl q Ctrl u
Tilden	Ctrl q Ctrl v
Acuteo	Ctrl q Ctrl w
Graveo	Ctrl q Ctrl x
Circumo	Ctrl q Ctrl y
Diaeresiso	Ctrl q Ctrl z
Tildeo	Ctrl q Ctrl 7
Acuteu	Ctrl q Ctrl 8
Graveu	Ctrl q Ctrl 9
Circumu	Ctrl q Ctrl 0
Diaeresisu	Ctrl q Ctrl 1
CharDagger	Ctrl q \s
CharUpsilon1	Ctrl q ! <i>IN Symbol FONT ONLY</i>
CharCent	Ctrl q "
CharPound	Ctrl q #
CharPilcrow	Ctrl q \$
CharBullet	Ctrl q %
CharParagraph	Ctrl q &
CharGermanDoubleS	Ctrl q '
CharRegister	Ctrl q (
CharCopyright	Ctrl q )
CharTrademark	Ctrl q *
CharAcute	Ctrl q +

CharDiaeresis	Ctrl q ,
CharArrowUp	Ctrl q - <i>IN Symbol FONT ONLY</i>
DiphthongAE	Ctrl q .
ObliqueO	Ctrl q /
CharDegree	Ctrl q 0 <i>IN Symbol FONT ONLY</i>
CharPlusMinus	Ctrl q 1 <i>IN Symbol FONT ONLY</i>
CharSecond	Ctrl q 2 <i>IN Symbol FONT ONLY</i>
CharGreaterEqual	Ctrl q 3 <i>IN Symbol FONT ONLY</i>
CharYen	Ctrl q 4
CharProportional	Ctrl q 5 <i>IN Symbol FONT ONLY</i>
CharPartialDiff	Ctrl q 6 <i>IN Symbol FONT ONLY</i>
CharBigBullet	Ctrl q 7 <i>IN Symbol FONT ONLY</i>
CharDivision	Ctrl q 8 <i>IN Symbol FONT ONLY</i>
CharNotEqual	Ctrl q 9 <i>IN Symbol FONT ONLY</i>
CharEquivalent	Ctrl q \: <i>IN Symbol FONT ONLY</i>
CharOrdFeminine	Ctrl q ;
CharOrdMasculine	Ctrl q \<
CharVertBar	Ctrl q = <i>IN Symbol FONT ONLY</i>
Diphthongae	Ctrl q \
Obliqueo	Ctrl q ?
CharInvQuestion	Ctrl q @
CharInvExclamation	Ctrl q A
CharNot	Ctrl q B
CharWeierstrass	Ctrl q C <i>IN Symbol FONT ONLY</i>
CharFlorin	Ctrl q D

CharCirclePlus	Ctrl q E <i>IN Symbol FONT ONLY</i>
CharEmptySet	Ctrl q F <i>IN Symbol FONT ONLY</i>
CharLeftGuillemot	Ctrl q G
CharRightGuillemot	Ctrl q H
CharEllipsis	Ctrl q I
CharReflexSuperset	Ctrl q J <i>IN Symbol FONT ONLY</i>
GraveA	Ctrl q K
TildeA	Ctrl q L
TildeO	Ctrl q M
DiphthongOE	Ctrl q N
Diphthongoe	Ctrl q O
CharEndash	Ctrl q P
CharEmdash	Ctrl q Q
CharLeftDblQuote	Ctrl q R
CharRightDblQuote	Ctrl q S
CharLeftQuote	Ctrl q T
CharRightQuote	Ctrl q U
CharRadical	Ctrl q V <i>IN Symbol FONT ONLY</i>
CharDotProduct	Ctrl q W <i>IN Symbol FONT ONLY</i>
Diaeresisy	Ctrl q X
DiaeresisY	Ctrl q Y
CharFraction	Ctrl q Z
CharCurrency	Ctrl q [
CharLeftAngleQuote	Ctrl q \
CharRightAngleQuote	Ctrl q ]
CharKernfi	Ctrl q Ctrl
CharKernfl	Ctrl q _
CharDoubleDagger	Ctrl q `
CharPeriodCentered	Ctrl q a

CharBaseQuote	Ctrl q b
CharDblBaseQuote	Ctrl q c
CharPerThousand	Ctrl q d
CircumA	Ctrl q e
CircumE	Ctrl q f
AcuteA	Ctrl q g
DiaeresisE	Ctrl q h
GraveE	Ctrl q i
AcuteI	Ctrl q j
CircumI	Ctrl q k
DiaeresisI	Ctrl q l
GraveI	Ctrl q m
AcuteO	Ctrl q n
CircumO	Ctrl q o <i>NOT DEFINED IN STANDARD FONTS NOR Symbol FONT</i>
GraveO	Ctrl q q
AcuteU	Ctrl q r
CircumU	Ctrl q s
GraveU	Ctrl q t
Charidotless	Ctrl q u
CharCircumflex	Ctrl q v
CharTilde	Ctrl q w
CharMacron	Ctrl q x
CharBreve	Ctrl q y
CharDotAbove	Ctrl q z
CharRingAbove	Ctrl q {
CharCedilla	Ctrl q
CharDoubleAcute	Ctrl q }
CharOgonek	Ctrl q ~ <i>NOT DEFINED IN STANDARD FONTS NOR Symbol FONT</i>

## MATH

<i>New substitutes for control-meta-shift commands</i>	
MathSwapLeft	Ctrl m Ctrl Left
MathSwapRight	Ctrl m Ctrl Right
MathChange	Ctrl m Ctrl d
MathNorm	Ctrl m Ctrl Shift \ <i>i.e. ctrl-m ctrl   (vertical bar)</i>
MathDeleteRow	Ctrl m Ctrl r
MathDeleteColumn	Ctrl m Ctrl c
Mathll	Ctrl m Ctrl Shift <i>i.e. ctrl-m ctrl lessthan</i>
Mathgg	Ctrl m Ctrl Shift . <i>i.e. ctrl-m ctrl greaterthan</i>
MathPre-Superscript	Ctrl m Ctrl Shift 6 <i>i.e. ctrl-m ctrl Ctrl</i>
MathPre-Subscript	Ctrl m Ctrl Shift - <i>i.e. ctrl-m ctrl _ (underscore)</i>
<i>Substitutes for control-meta and shift-meta commands</i>	
MathMoveLeftAllTheWay	Ctrl m Ctrl Shift l
MathMoveRightAllTheWay	Ctrl m Ctrl ;
MathMoveLeftInto	Ctrl m Ctrl i
MathMoveRightInto	Ctrl m Ctrl o

## Math: commands

MathDelete	Ctrl h
MathDelete	Ctrl u
MathToggleFormat	Ctrl Shift t
MathNewOperand	Ctrl Shift n

## Math: Greek letters:

Mathalpha	Option a
Mathbeta	Option b
Mathchi	Option c
Mathdelta	Option d



MathDelta	Option D
Mathepsilon	Option e
Mathphi	Option f
Mathvarphi	Option j
MathPhi	Option F
Mathgamma	Option g
MathGamma	Option G
Matheta	Option h
Mathiota	Option i
Mathkappa	Option k
Mathcpartial	Option 7
Mathlambda	Option l
MathLambda	Option L
Mathmu	Option m
Mathnu	Option n
Mathpi	Option p
MathPi	Option P
Maththeta	Option q
Mathvartheta	Option J
MathTheta	Option Q
Mathrho	Option r
Mathsigma	Option s
Mathvarsigma	Option E
MathSigma	Option S
Mathtau	Option t
Mathupsilon	Option u
MathUpsilon	Option U
Mathomega	Option o
Mathvarpi	Option I
MathOmega	Option O
Mathxi	Option x

MathXi	Option X
Mathpsi	Option y
MathPsi	Option Y
Mathzeta	Option z

### Math: Diacritical Marks:

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

### Unusual symbols

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

## Math: N-ary Templates

MathForceEquals	Ctrl m =
MathPlus	+
MathEquiv	Ctrl q \:
MathApprox	Ctrl q ;
MathPropTo	Ctrl q 5
MathCDot	Ctrl .
MathNotsubset	Ctrl q K
MathNi	Ctrl '
MathJotDot	Ctrl j
MathOTimes	Ctrl q D
MathOPlus	Ctrl q E
MathNotEqual	Ctrl Option =
MathSim	Ctrl m ~
MathWedge	Ctrl q Y
MathVee	Ctrl q Z
MathIn	Ctrl q N
MathSubset	Ctrl q L
MathSuperset	Ctrl q I
MathLeq	Ctrl Shift , <i>i.e. ctrl lessthan</i>
MathGeq	Ctrl Shift . <i>i.e. ctrl greaterthan</i>
MathLeftArrow	Ctrl q ,
MathRightArrow	Ctrl q .
MathLRArrow	Ctrl q +
MathParallel	Ctrl m p
MathPerp	Ctrl m r
MathCap	Ctrl m i
MathCup	Ctrl m u
MathNotIn	Ctrl q O
MathSubsetEq	Ctrl q J

MathSupersetEq	Ctrl q M
Mathll	Ctrl Option Shift , <i>i.e. opt ctrl lessthan</i>
Mathgg	Ctrl Option Shift . <i>i.e. opt ctrl greaterthan</i>
MathLeftArrow2	Ctrl q \
MathRightArrow2	Ctrl q ^
MathLRArrow2	Ctrl q [

## Math: Multi-Format

MathLParen	Ctrl Shift 9 <i>i.e. ctrl (</i>
MathLeftParenSquareBracket	Ctrl m [
MathLeftParenBrace	Ctrl m {
MathDivide	Ctrl m /
MathFract	Ctrl Option /

## Large

MathInt	Ctrl i
MathOInt	Ctrl Option i
MathSum	Ctrl Shift s
MathProd	Ctrl Shift p
MathBigCap	Ctrl m I
MathBigCup	Ctrl m U

## with Additional Operands

MathOpTotal	Ctrl Option t
MathOpPartial	Ctrl Option p
MathSqrt	Ctrl s
Matho_TOTAL	Ctrl t
Matho_PARTIAL	Ctrl p

## Binary Operands

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

## Indices

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

## Functions

MathFunction	Ctrl f
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## 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 l
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>i.e. ctrl   (vertical bar)</i>
MathCeil	Ctrl q i
MathBra	Ctrl m b
MathDagger	Ctrl m d
MathMp	Ctrl m l
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>i.e. ctrl opt   (vertical bar)</i>
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 <i>XCommands has this as Option Shift r</i>
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
<i>Option and Option Shift kern selections 1 and 6 pixels, respectively These defined above for both doc and math.</i>	
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
<i>Shift and Option commands both move a selection, preserving equality</i>	
MathMoveUp	Ctrl Up
MathMoveDown	Ctrl Down
MathMoveLeft	Ctrl Left
MathMoveRight	Ctrl Right
MathMoveUp	Ctrl KP_8
MathMoveDown	Ctrl KP_2
MathMoveLeft	Ctrl KP_4
MathMoveRight	Ctrl KP_6
MathMoveLeftInto	Ctrl Option Left
MathMoveRightInto	Ctrl Option Right
MathMoveLeftInto	Ctrl Option KP_4
MathMoveRightInto	Ctrl Option KP_6
<i>Move a whole element through a matrix or swap a whole numerator/denominator with the other.</i>	
MathSwapLeft	Option Ctrl Shift Left
MathSwapRight	Option Ctrl Shift Right



MathSwapLeft	Option Ctrl Shift KP_4
MathSwapRight	Option Ctrl Shift KP_6
MathMoveLeftAllTheWay	Ctrl Shift Left
MathMoveRightAllTheWay	Ctrl Shift Right
MathMoveLeftAllTheWay	Ctrl Shift KP_4
MathMoveRightAllTheWay	Ctrl Shift KP_6

### Math: Keypad commands

MathPlus	KP_Add
MathEqual	KP_Equal
MathMult	KP_Multiply
MathOver	KP_Divide
MathMinus	KP_Subtract

