

Internet Explorer Keystrokes

Note: The JAWS help system includes detailed information about using Internet Explorer. In your browser, press and hold **INSERT** and press **F1** twice quickly. Once JAWS help is open, press **F6** to move to the help topic window.

General

Go Back a Page	ALT+LEFT ARROW or BACKSPACE
Go Forward a Page	ALT+RIGHT ARROW
Go to Home Page	ALT+HOME
Read Address Bar	INSERT+A
Next Link	TAB
Prior Link	SHIFT+TAB
Open Link	ENTER
List Frames	INSERT+F9
List Links	INSERT+F7
List Headings	INSERT+F6
Heading at Level	1 through 6
Virtual HTML Features	INSERT+F3
Activate Mouse Over	CTRL+INSERT+ENTER
Move to Next Clickable Element	SLASH
Move to Previous Clickable Element	SHIFT+SLASH

Select Clickable Element	INSERT+CTRL+SLASH
Select a Mouse Over Element	INSERT+CTRL+SEMICOLON
JAWS Find Next and Previous	F3 and SHIFT+F3 (Internet Explorer only)
Assign Custom Label	CTRL+INSERT+TAB
Move to Next Region	R
Move to Previous Region	SHIFT+R
Select a Region	INSERT+CTRL+R
ARIA Drag-and-Drop	WINDOWS Key+CTRL+EQUALS
ARIA Live Region Text Filter	WINDOWS Key+CTRL+DASH
Open Flexible Web Wizard	INSERT+SPACEBAR followed by X

Tabbed Browsing Quick Keys

Open a New Tab	CTRL+T
Open a New Tab from the Address Bar	ALT+ENTER (on address bar)
Open a New Tab from the Toolbar Search Box	ALT+ENTER (on address bar)
View List of Open Tabs	CTRL+SHIFT+Q
Toggle Quick Tabs (Thumbnail View)	CTRL+Q
Switch to the Next Tab	CTRL+TAB
Switch to the Previous Tab	CTRL+SHIFT+TAB
Switch to a Specific Tab Number	CTRL+n , where n is a digit from 1 through 8

Switch to Last Tab	CTRL+9
Close Current Tab	CTRL+W or CTRL+F4
Close All Tabs	ALT+F4
Close Other Tabs	CTRL+ALT+F4
Open Links in a New Tab in the Background	CTRL+ENTER
Open Links in a New Tab in the Foreground	CTRL+SHIFT+ENTER
Opens and places focus on the Feeds tree view	CTRL+J
Subscribe to Feeds or Web Slices	ALT+J (Internet Explorer 8 or later for Web Slices)

Navigation Quick Keys

Tip: If you hold down **SHIFT** before pressing one of the following Navigation Quick Keys, you can move to the previous instance of that element, for example, press **A** to move to the next radio button, press **SHIFT+A** to move to the previous radio button. In addition, if you hold down **CTRL+INSERT** while pressing keystrokes with an asterisk (*) next to them, JAWS displays a list of those elements on the page.

Next Radio Button	A*
Next Button	B*
Next Combo Box	C*
Next Different Element	D
Next Edit Box	E*
Next Form Control	F

Next Graphic	G*
Next Heading	H
Next Item in a List	I
Jump to Line	J*
Next PlaceMarker	K*
Next List	L*
Next Frame	M
Skip Past Links	N
Next Object Tag	O
Next Paragraph	P*
Move to Main Region	Q
Next Region	R*
Next Same Element	S
Next Table	T*
Next Unvisited Link	U
Next Visited Link	V
Next Check Box	X*
Next Division	Z*
Next Separator	DASH
Next Element	SHIFT+PERIOD
Previous Element	SHIFT+COMMA

Forms

Enter Forms Mode	ENTER
Exit Forms Mode	NUM PAD PLUS
List Form Fields	INSERT+F5
First Form Field	INSERT+CTRL+HOME
Next Form Field	F
Prior Form Field	SHIFT+F
Last Form Field	INSERT+CTRL+END
Next Radio Button	A
Prior Radio Button	SHIFT+A
List Radio Buttons	CTRL+INSERT+A
Next Button	B
Prior Button	SHIFT+B
List Buttons	CTRL+INSERT+B
Next Combo Box	C
Prior Combo Box	SHIFT+C
List Combo Boxes	CTRL+INSERT+C
Next Edit Box	E
Prior Edit Box	SHIFT+E
List Edit Boxes	CTRL+INSERT+E
Next Check Box	X
Prior Check Box	SHIFT+X
List Check Boxes	CTRL+INSERT+X

Tables

List keystrokes for table navigation	INSERT+SPACEBAR , followed by T , and then QUESTION MARK
Next Table	T
Prior Table	SHIFT+T
Select Table	F8
Next Row	WINDOWS KEY+ALT+DOWN ARROW
Prior Row	WINDOWS KEY+ALT+UP ARROW
Read Row	WINDOWS KEY+COMMA or WINDOWS KEY+NUM PAD 5
Next Column	WINDOWS KEY+ALT+RIGHT ARROW
Prior Column	WINDOWS KEY+ALT+LEFT ARROW
Read Column	WINDOWS KEY+PERIOD
Next Cell in Row	ALT+CTRL+RIGHT ARROW
Prior Cell in Row	ALT+CTRL+LEFT ARROW
Cell Below in Column	ALT+CTRL+DOWN ARROW
Cell Above in Column	ALT+CTRL+UP ARROW
Jump to Table Cell	CTRL+WINDOWS KEY+J
Return to Previous Cell	CTRL+WINDOWS KEY+SHIFT+J

PlaceMarkers

Set Temporary PlaceMarker (Permanent Marker for Word)	CTRL+WINDOWS Key+K
Add, Delete, Edit, or Rename Permanent PlaceMarkers	CTRL+SHIFT+K
Move to the Next or Prior PlaceMarker	K or SHIFT+K
Read Text at PlaceMarkers 1 through 4	Number Row Keys 7 through 0
Move to PlaceMarker 1 through 4	SHIFT+ number row keys 7 through 0
Return to PlaceMarker in Word	ALT+WINDOWS Key+K
Select Text from PlaceMarker to Cursor Position	INSERT+SPACEBAR followed by M

Frames

Next Frame	M
Prior Frame	SHIFT+M
List Frames	INSERT+F9

Elements

Next Same Element	S
Prior Same Element	SHIFT+S
Next Different Element	D
Prior Different Element	SHIFT+D
Next Element	SHIFT+PERIOD
Prior Element	SHIFT+COMMA

Select Entire Element	F8
Display Entire Element	SHIFT+INSERT+F1
Display Detailed Element Information	CTRL+SHIFT+INSERT+F1
Activate Mouse Over	INSERT+CTRL+ENTER

Desktop Keystrokes

For Reading Text

Say Character	NUM PAD 5
Say Character Phonetically	NUM PAD 5 twice quickly
Say Prior Character	LEFT ARROW
Say Next Character	RIGHT ARROW
Say Word	INSERT+NUM PAD 5
Spell Word	INSERT+NUM PAD 5 twice quickly
Say Prior Word	INSERT+LEFT ARROW
Say Next Word	INSERT+RIGHT ARROW
Say Line	INSERT+UP ARROW
Spell Line	INSERT+UP ARROW twice quickly
Say Prior Line	UP ARROW
Say Next Line	DOWN ARROW
Say Sentence	ALT+NUM PAD 5
Say Prior Sentence	ALT+UP ARROW
Say Next Sentence	ALT+DOWN ARROW

Say Paragraph	CTRL+NUM PAD 5
Say Prior Paragraph	CTRL+UP ARROW
Say Next Paragraph	CTRL+DOWN ARROW
Say to Cursor	INSERT+HOME
Say from Cursor	INSERT+PAGE UP
Say All	INSERT+DOWN ARROW
Rewind During Say All	LEFT ARROW
Fast Forward During Say All	RIGHT ARROW
Say Color	INSERT+5 on the numbers row
Increase Voice Rate During Say All	PAGE UP
Decrease Voice Rate During Say All	PAGE DOWN
Temporarily Increase Voice Rate When Not in Say All	ALT+CTRL+PAGE UP
Temporarily Decrease Voice Rate When Not in Say All	ALT+CTRL+PAGE DOWN
Permanently Increase Voice Rate When Not in Say All	ALT+WINDOWS KEY+CTRL+PAGE UP
Permanently Decrease Voice Rate When Not in Say All	ALT+WINDOWS KEY+CTRL+PAGE DOWN
Screen Refresh	INSERT+ESC
Start Skim Reading	CTRL+INSERT+DOWN ARROW
Change Skim Reading Preferences	CTRL+SHIFT+INSERT+DOWN ARROW

Display Skim Reading Summary

**INSERT+WINDOWS
KEY+DOWN ARROW**

Toggle Speech On and Off

INSERT+SPACEBAR, followed
by **S**

Informational

Interrupt Speech

CTRL

Say Font

INSERT+F

Say Window Title

INSERT+T

Say Window Prompt and Text

INSERT+TAB

JAWS Find

CTRL+INSERT+F

JAWS Find Next

INSERT+F3

JAWS Find Previous

INSERT+SHIFT+F3

Say Top Line of Window

INSERT+END

Say Bottom Line of Window

INSERT+PAGE DOWN

Say Selected Text

**INSERT+SHIFT+ DOWN
ARROW**

Get Application Version

CTRL+INSERT+V

For Cursors and Mouse

PC Cursor

NUM PAD PLUS

JAWS Cursor

NUM PAD MINUS

Touch Cursor

SHIFT+NUM PAD PLUS

Route PC Cursor to JAWS
Cursor

INSERT+NUM PAD PLUS

Route JAWS Cursor to PC
Cursor

INSERT+NUM PAD MINUS

Left Mouse Button	NUM PAD SLASH
Right Mouse Button	NUM PAD STAR
Drag and Drop	CTRL+INSERT+NUM PAD SLASH
Restrict JAWS Cursor	INSERT+R

For Dialog Boxes

Say Default Button of Dialog Box	INSERT+E
Read Window from Top to Bottom	INSERT+B
Read Word in Context	INSERT+C
Say Current Control Hot Key	SHIFT+NUM PAD 5
Open Combo Box	ALT+DOWN ARROW
Close Combo Box	ALT+UP ARROW
Announce Progress Bar Status	INSERT+TAB

For Help

Context Sensitive Help	INSERT+F1
Keyboard Help	INSERT+1
JAWS Help for Applications	INSERT+F1 twice quickly
Hot Key Help	INSERT+H
Windows Key Help	INSERT+W

Miscellaneous

JAWS Window	INSERT+J
Refresh Screen	INSERT+ESC

Quick Settings	INSERT+V
Run JAWS Manager	INSERT+F2
Shut Down JAWS	INSERT+F4
Window List Dialog	INSERT+F10
Select a System Tray Icon Dialog	INSERT+F11
Say System Time	INSERT+F12
Graphics Labeler	INSERT+G
Auto Graphics Labeler	CTRL+INSERT+G
Pass Key Through	INSERT+3 on the numbers row
Virtualize Window	ALT+INSERT+W
Virtualize Current Control	ALT+SHIFT+INSERT+W
Select Scheme	ALT+INSERT+S
Select Language	CTRL+WINDOWS KEY+L
Select Voice Profile	CTRL+INSERT+S
Read Columns 1 through 10 of a List View	CTRL+INSERT+n , where n is a value from 1, 2, 3 through 0
Copy Selected Text to FSClipboard	INSERT+WINDOWS KEY+C
Show Speech History	INSERT+SPACEBAR followed by H

For Frames

Frame Get Top Left	CTRL+SHIFT+LEFT BRACKET
Frame Get Bottom Right	CTRL+SHIFT+RIGHT BRACKET

Frame Set to Window

CTRL+SHIFT+LEFT BRACKET
twice quickly

For JAWS Tandem

Ends JAWS Tandem Session

INSERT+ALT+T

Toggle Between Target and
Controller Desktop (Controller
User only)

INSERT+ALT+TAB

Toggle Video On or Off on
Controller (Controller User only)

INSERT+CTRL+SHIFT+V

For Research It

Open Research It

INSERT+SPACEBAR, followed
by **R**

Launch Research It Using the
Primary Lookup Source

INSERT+WINDOWS Key+R

For Convenient OCR

Recognize current application
window

INSERT+SPACEBAR, followed
by **O**, and then **W**

Recognize entire screen

INSERT+SPACEBAR, followed
by **O**, and then **S**

Recognize currently selected
control

INSERT+SPACEBAR, followed
by **O**, and then **C**

Cancel recognition while in
progress

INSERT+SPACEBAR, followed
by **O**, and then **Q**

Announce help message for
OCR commands

INSERT+SPACEBAR, followed
by **O**, and then **QUESTION
MARK**

For Touch Cursor

Touch Cursor	SHIFT+NUM PAD PLUS
Next Object	RIGHT ARROW or TAB
Prior Object	LEFT ARROW or SHIFT+TAB
Next Object by Type	DOWN ARROW
Prior Object by Type	UP ARROW
Cycle Through Object Navigation Types	PAGE UP or PAGE DOWN
First Object	CTRL+HOME
Last Object	CTRL+END
Say Current Object	INSERT+UP ARROW
Say All with Touch Cursor	INSERT+DOWN ARROW
Route Touch Cursor to Focused Object	INSERT+NUM PAD PLUS
Text Review	NUM PAD SLASH or INSERT+ENTER
Advanced Navigation	NUM PAD STAR

Laptop Keystrokes

For Reading Text

Say Character	CAPS LOCK+COMMA
Say Character Phonetically	CAPS LOCK+COMMA twice quickly
Say Prior Character	CAPS LOCK+M
Say Next Character	CAPS LOCK+PERIOD

Say Word	CAPS LOCK+K
Spell Word	CAPS LOCK+K twice quickly
Say Prior Word	CAPS LOCK+J
Say Next Word	CAPS LOCK+L
Say Line	CAPS LOCK+I
Spell Line	CAPS LOCK+I twice quickly
Say Prior Line	CAPS LOCK+U
Say Next Line	CAPS LOCK+O
Say Sentence	CAPS LOCK+H
Say Prior Sentence	CAPS LOCK+Y
Say Next Sentence	CAPS LOCK+N
Say Paragraph	CAPS LOCK+CTRL+I
Say Prior Paragraph	CAPS LOCK+CTRL+U
Say Next Paragraph	CAPS LOCK+CTRL+O
Say to Cursor	CAPS LOCK+SHIFT+J
Say from Cursor	CAPS LOCK+SHIFT+L
Say All	CAPS LOCK+A
Rewind During a Say All	LEFT ARROW
Fast Forward During a Say All	RIGHT ARROW
Say Color	CAPS LOCK+5
Increase Voice Rate During Say All	PAGE UP
Decrease Voice Rate During Say All	PAGE DOWN

Temporarily Increase Voice Rate When Not in Say All	ALT+CTRL+PAGE UP
Temporarily Decrease Voice Rate When Not in Say All	ALT+CTRL+PAGE DOWN
Permenantly Increase Voice Rate When Not in Say All	ALT+WINDOWS KEY+CTRL+PAGE UP
Permenantly Decrease Voice Rate When Not in Say All	ALT+WINDOWS KEY+CTRL+PAGE DOWN
Screen Refresh	CAPS LOCK+ESC
Start Skim Reading	CAPS LOCK+CTRL+DOWN ARROW
Change Skim Reading Preferences	CAPS LOCK+CTRL+SHIFT+ DOWN ARROW
Display Skim Reading Summary	CAPS LOCK+WINDOWS KEY+DOWN ARROW
Toggle Speech On and Off	CAPS LOCK+SPACEBAR, followed by S

Informational

Interrupt Speech	CTRL
Say Font	CAPS LOCK+F
Say Window Title	CAPS LOCK+T
Say Window Prompt and Text	CAPS LOCK+TAB
JAWS Find	CAPS LOCK+ CTRL+F
JAWS Find Next	CAPS LOCK+F3
JAWS Find Previous	CAPS LOCK+SHIFT+F3
Say Top Line of Window	CAPS LOCK+SHIFT+Y

Say Bottom Line of Window

CAPS LOCK+SHIFT+N

Say Selected Text

CAPS LOCK+SHIFT+A

Get Application Version

CAPS LOCK+CTRL+V

For Cursors and Mouse

PC Cursor

CAPS LOCK+SEMICOLON

JAWS Cursor

CAPS LOCK+P

Touch Cursor

**SHIFT+CAPS
LOCK+SEMICOLON**

Route PC Cursor to JAWS
Cursor

CAPS LOCK+APOSTROPHE

Route JAWS Cursor to PC
Cursor

CAPS LOCK+LEFT BRACKET

Left Mouse Button

CAPS LOCK+8

Right Mouse Button

CAPS LOCK+9

Left Mouse Button Lock

CTRL+WINDOWS KEY+8

Right Mouse Button Lock

CTRL+WINDOWS KEY+9

Drag and Drop

CAPS LOCK+CTRL+8

Restrict JAWS Cursor

CAPS LOCK+R

For Dialog Boxes

Say Default Button of Dialog

CAPS LOCK+E

Read Window in Tab Order

CAPS LOCK+B

Read Word in Context

CAPS LOCK+C

Say Current Control Hot Key

CAPS LOCK+SHIFT+COMMA

Open Combo Box

ALT+DOWN ARROW

Close Combo Box
Announce Progress Bar Status

ALT+UP ARROW
CAPS LOCK+TAB

For Help

Context Sensitive Help
Keyboard Help
JAWS Help for Applications
Hot Key Help
Windows Key Help

CAPS LOCK+F1
CAPS LOCK+1
CAPS LOCK+F1 twice quickly
INSERT+H
CAPS LOCK+W

Miscellaneous

JAWS Window
Refresh Screen
Quick Settings
Run JAWS Manager
Shut Down JAWS
Window List Dialog
Select a System Tray Icon
Dialog
Say System Time
Graphics Labeler
Auto Graphics Labeler
Pass Key Through
Read Columns 1 through 10 of
a List View

INSERT+J
CAPS LOCK+ESC
CAPS LOCK+V
CAPS LOCK+F2
CAPS LOCK+F4
CAPS LOCK+F10
CAPS LOCK+F11
CAPS LOCK+F12
CAPS LOCK+G
CAPS LOCK+CTRL+G
CAPS LOCK+3
CTRL+INSERT+n, where n is a
value from 1, 2, 3, through 0

Copy Selected Text to
FSClipboard

**CAPS LOCK+WINDOWS
KEY+C**

Show Speech History

**CAPS LOCK+SPACEBAR
followed by H**

For Frames

Frame Get Top Left

CTRL+SHIFT+LEFT BRACKET

Frame Get Bottom Right

CTRL+SHIFT+RIGHT BRACKET

Frame Set to Window

CTRL+SHIFT+LEFT BRACKET
twice quickly

For JAWS Tandem

Ends JAWS Tandem Session

INSERT+ALT+T

Toggle Between Target and
Controller Desktop (Controller
User only)

INSERT+ALT+TAB

Toggle Video On or Off on
Controller (Controller User only)

INSERT+CTRL+SHIFT+V

For Research It

Open Research It

**CAPS LOCK+SPACEBAR,
followed by R**

Launch Research It Using the
Primary Lookup Source

**CAPS LOCK+WINDOWS
Key+R**

For Convenient OCR

Recognize current application
window

**CAPS LOCK+SPACEBAR,
followed by O, and then W**

Recognize entire screen

**CAPS LOCK+SPACEBAR,
followed by O, and then S**

Recognize currently selected control

CAPS LOCK+SPACEBAR, followed by **O**, and then **C**

Cancel recognition while in progress

CAPS LOCK+SPACEBAR, followed by **O**, and then **Q**

Announce help message for OCR commands

CAPS LOCK+SPACEBAR, followed by **O**, and then **QUESTION MARK**

For Touch Cursor

Touch Cursor

SHIFT+CAPS LOCK+SEMICOLON

Next Object

RIGHT ARROW or **TAB**

Prior Object

LEFT ARROW or **SHIFT+TAB**

Next Object by Type

DOWN ARROW

Prior Object by Type

UP ARROW

Cycle Through Object Navigation Types

PAGE UP or **PAGE DOWN**

First Object

CTRL+HOME

Last Object

CTRL+END

Say Current Object

CAPS LOCK+I

Say All with Touch Cursor

CAPS LOCK+DOWN ARROW

Route Touch Cursor to Focused Object

CAPS LOCK+APOSTROPHE

Text Review

INSERT+ENTER

Advanced Navigation

CAPS LOCK+A

Windows Keystrokes

General

Get Help	F1
Open the Start menu	CTRL+ESC
Open Windows Explorer	WINDOWS KEY+E
Open Run Dialog	WINDOWS KEY+R
Find File or Folder from Desktop	F3
Minimize All Applications	WINDOWS KEY+M
Switch Between Open Applications	ALT+TAB
Quit the Active Application	ALT+F4

For Windows and Menus

Open the Application Control Menu	ALT+SPACEBAR
Move to Current Application's Menu Bar	ALT
Choose a Menu Item	ENTER
Move Between Menus	ALT, ARROW KEYS
Cancel or Close a Menu	ESC
Cancel or Close a Cascading Menu	ALT
Open a Child Window Control Menu	ALT+DASH

Close a Child Window	CTRL+F4
Open the Context Menu	APPLICATIONS KEY or SHIFT+F10

For Dialog Boxes

Move Through Dialog Controls	TAB
Move Backward Through Dialog Controls	SHIFT+TAB
Move to Another Page	CTRL+TAB
Reverse Direction Through Pages	CTRL+SHIFT+TAB
Select or Deselect in List View	SPACEBAR or CTRL+SPACEBAR
Toggle a Check Box On/Off	SPACEBAR

For Reading Text

Move One Character Left	LEFT ARROW
Move One Character Right	RIGHT ARROW
Move One Word Left	CTRL+LEFT ARROW
Move One Word Right	CTRL+RIGHT ARROW
Move to Beginning of Line	HOME
Move to End of Line	END
Move One Paragraph Up	CTRL+UP ARROW
Move One Paragraph Down	CTRL+DOWN ARROW
Scroll Up One Screen	PAGE UP
Scroll Down One Screen	PAGE DOWN

Move to Beginning **CTRL+HOME**

Move to End **CTRL+END**

For Editing Text

Copy **CTRL+C**

Cut **CTRL+X**

Paste **CTRL+V**

Read Clipboard Contents
(Desktop or Laptop Layout) **WINDOWS KEY+INSERT+X** or
WINDOWS KEY+CAPS LOCK+X

Virtualize Clipboard Contents
(Desktop or Laptop Layout) **INSERT+SPACEBAR** followed by
C or **CAPS LOCK+SPACEBAR**
followed by **c**

Undo **CTRL+Z**

Delete Current Character **DELETE**

Delete Prior Character **BACKSPACE**

Select One Character Left **SHIFT+LEFT ARROW**

Select One Character Right **SHIFT+RIGHT ARROW**

Select One Word Left **CTRL+SHIFT+LEFT ARROW**

Select One Word Right **CTRL+SHIFT+RIGHT ARROW**

Select to Beginning of Line **SHIFT+HOME**

Select to End of Line **SHIFT+END**

Select to Beginning **CTRL+SHIFT+HOME**

Select to End **CTRL+SHIFT+END**

Select All **CTRL+A**

For Windows Explorer

Delete files	DELETE
Rename a file or folder	F2
Open Properties for Selected File or Folder	ALT+ENTER
Refresh a window	F5
Switch between panes	TAB and SHIFT+TAB
Go up one level	BACKSPACE