

Additional Resources

This document attempts to highlight the most important keyboard shortcuts for use with testing Web Accessibility.

Portions of this document were adopted from WebAIM's Keyboard Shortcuts for JAWS, and NVDA and from Deque University's Screen Reader Keyboard Shortcuts

Official JAWS Keystroke list

NVDA User Guide

NVDA Keyboard Helper by Stamford Interactive

Important Notice

All keystrokes and key combinations can be modified in the configuration of the Screen Readers. JAWS uses Insert as it's default key. NVDA uses the concept of the NVDA key, which is Insert by default but can be changed to CapsLock during start up.

State

JAWS	NVDA	
	Control + Alt + N	On / Enable
	NVDA + Q	Off / Disable

Reading Text

JAWS	NVDA	Say:
Ctrl	Ctrl	Stop Reading

Character

←	← or Numpad 1	Prior Character
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→	→ or Numpad 3	Next Character
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Numpad 5	Numpad 2	Current Character
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Numpad 5 (twice)		Character Phonetically
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Word

Insert + ←	Ctrl + ← or Numpad 4	Prior Word
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Insert + →	Ctrl + → or Numpad 6	Next Word
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Insert + Numpad 5	Numpad 5	Current Word
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Insert + Numpad 5 (twice)	Numpad 5 (twice)	Spell Word
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Line

↑	↑ or Numpad 7	Prior Line
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Reading Text (cont)

↓	↓ or Numpad 9	Next Line
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Insert + ↑	NVDA + ↑ or Numpad 8	Current Line
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Insert + ↑ (twice)	NVDA + ↑ (twice)	Spell Current Line
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Shift + 7	Top Line
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Shift + 9	Bottom Line
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Shift + 1	Start of Line
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Shift + 3	End of Line
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Sentence

Alt + ↑	Prior Sentence
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Alt + ↓	Next Sentence
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Alt + Numpad 5	Current Sentence
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Cursor

Insert + Home	Say to Cursor
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Insert + Page Up	Say from Cursor
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Insert + Home (twice)	Spell to Cursor
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Insert + Page Up (twice)	Spell from Cursor
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Insert + ↓	NVDA + ↓ or Numpad '+'	Say All
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→	Fast Forward during a Say All
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←	Rewind during a Say All
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Insert + 5	Say Color
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Numpad 5 (thrice)	Say ASCII or Hex Value
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Insert + F (twice)	Say Font
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Ctrl + Insert + ↓	Start Skim Reading
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Ctrl + Insert + Shift + ↓	Skim Reading dialog box
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Insert + Win + ↓	Display Skim Reading Summary
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Voice Rate		
JAWS	NVDA	
Ctrl + Alt + Page Down	Ctrl + NVDA + ↓	Decrease Voice Rate
Ctrl + Alt + Page Up	Ctrl + NVDA + ↑	Increase Voice Rate
Page Down		Decrease Voice Rate (during SayAll)
Page Up		Increase Voice Rate (during SayAll)
	Ctrl + NVDA + ←/→	Change Voice Settings (Inflection, Pitch, etc.)

Regions, Headings, and Lists		
JAWS	NVDA	
R	D	Regions/Landmarks Quick Key
H	H	Headings Quick Key
1-6	1-6	Heading Level 1-6
Shift + (Keys above)	Shift + (Keys above)	Previous Element
Q		Main Content Quick Key
Insert + F6		List of Headings
	NVDA + F7	List of Elements (Headings, Links and Landmarks)
L	L	List Quick Key
I	I	List Item Quick Key

Links		
JAWS	NVDA	
Tab	Tab	Next Form\Link Element
Shift + Tab	Shift + Tab	Previous Form\Link Element
	K	Next Link
Insert + F7	NVDA + F7	Links\Elements List
U	U	Unvisted Link Quick Key
V	V	Visited Link Quick Key
Enter	Enter	Activate Link
Enter or Space	Enter or Space	Activate Button

Tables		
JAWS	NVDA	
<i>Moving within Tables</i>		
T	T	Table Quick Key
Ctrl + Alt + →	Ctrl + Alt + →	Cell to Right
Ctrl + Alt + ←	Ctrl + Alt + ←	Cell to Left
Ctrl + Alt + ↓	Ctrl + Alt + ↓	Cell Below
Ctrl + Alt + ↑	Ctrl + Alt + ↑	Cell Above
Ctrl + Alt + Home		First Cell
Ctrl + Alt + End		Last Cell
Ctrl + Alt + Shift + ↑		First Cell in Column
Ctrl + Alt + Shift + ↓		Last Cell in Column
Ctrl + Alt + Shift + ←		First Cell in Row
Ctrl + Alt + Shift + →		Last Cell in Row

Table Reading		
Ctrl + Alt + Numpad 5		Say Current Cell
Insert + Shift + ↑		Read Current Cell
Insert + Shift + Home		Read from Start of Row
Insert + Shift + Page Up		Read to End of Row
Insert + Shift + Numpad 5		Read Current Column
Insert + Shift + End		Read from Top of Column
Insert + Shift + Page Down		Read to Bottom of Column

Forms		
JAWS	NVDA	
F	F	Form Quick Key
B	B	Button Quick Key



Forms (cont)

Enter	Enter or NVDA + Space	Enter Forms Mode (while in a form element)
'+'	NVDA + Space	Exit Forms Mode
Insert + F5		List of Form Elements
Tab	Tab	Navigate to Next form Control
Shift + Tab	Shift + Tab	Navigate to Previous Form Control
Ctrl + Shift or Ctrl + Space		Select Multiple List Items
Ctrl + \		Unselect All but Current
Space		Select and Deselect Checkboxes
Alt + ↓	Alt + ↓	Open Control with Dropdown (Combo Box, Auto-Complete, etc)
↑\↓ or First letter of item	↑\↓ or First letter of item	Select Element in Combo Box
↑\↓	↑\↓	Select Radio Button
	X	Checkbox
	C	Combobox
	R	Radio Button
Enter	Enter	Submit Form (while in Forms Mode)

Frames

JAWS	NVDA
Ctrl + Tab	Move from one frame to the next frame within the page.
Ctrl + Shift + Tab	Move from one frame to the previous frame within the page.
Insert + F9	Bring up a list of frames that are present within the page

Other Commands

JAWS	NVDA	
Ctrl + F	Ctrl + F	Search for a word or a phrase
Insert + Esc		Refresh Screen
Insert + F5		Reformat Document for better readability
Insert + F1		Help with Current Element
	NVDA + 1	Keyboard Help
G	G	Next Image
	Ctrl + ↑/↓	Previous/Next Paragraph
	Q	Blockquote
	NVDA + F2	Ignore Next Key and Send to Windows
	NVDA + 2	Speaks Characters Typed
	NVDA + 3	Speaks Words Types
	NVDA + B	Read All Foreground Window
	NVDA + T	Current Foreground Window Title

