Accessible Digital Office Document Project:

Office Application Accessibility Review: Corel WordPerfect X5

Version

Date of Current Version: 16 February 2011

Latest Version (HTML): http://inclusivedesign.ca/accessible-office-documents/wordperfectX5-review

Contents

Usage Notes

Overview

At the time of testing (February, 2011), WordPerfect X5 was found to be relatively accessible using keyboard navigation. In addition, screen reader testing appeared to show that use is possible with JAWS 11 and NVDA 2010.2, with important limitations.

Testing Details

Screen reader testing was performed using two popular screen readers for Windows 7, JAWS 11 and NVDA 2010.2.

Keyboard navigation testing was performed on Windows 7.

Disclaimer

This document is provided for information purposes only and is neither a recommendation nor a guarantee of results.

 If errors are found, please report them to: adod-comments@idrc.ocad.ca.

Review Results

This table summarizes the result of our reviews using the "ADOD Assessment Framework: Success criteria for assessing the accessibility of office application user interfaces"

ADOD Assessment Framework: Success criteria for assessing the accessibility of office application user interfaces	Result
[ADOD-Office-Applications-UI 7.1] Use all applicable operating system and accessibility standards and conventions that are important or essential to accessibility. The techniques for this checkpoint include references to checklists and guidelines for a number of platforms and to general guidelines for accessible applications. *ADOD Note: The Checkpoint is very general, and includes: Supporting relevant accessibility API(s); Web-based tools conforming to WCAG; Keyboard access; Providing keyboard shortcuts where recommended for a platform; Respecting platform settings (such as "high contrast" modes); and Providing documentation.*	**Yes.** - Screen reader support is confirmed by testing (see below). - Most features are keyboard accessible. - Provides default keyboard shortcuts for the main menus, property bar, navigation and other commands. - Can create and customize shortcut keys - Can use CUA or DOS keystrokes to move around in WordPerfect or to select text - Respects platform settings including Windows "high contrast" mode.
[ADOD-Office-Applications-UI 7.2] Allow the author to change the presentation within editing views without affecting the [office document]. This allows the author to edit the document according to personal requirements, without changing the way the document is rendered when published.	**Yes.** - Enlarge or reduce page display - Minimize or maximize document window
[ADOD-Office-Applications-UI 7.3] Allow the author to edit all properties of each element and object in an accessible fashion.	**Yes.** Via selection and menu navigation using shortcut keys.
[ADOD-Office-Applications-UI 7.4] Ensure that the editing view allows navigation via the structure of the document in an accessible fashion.	**Yes.** Via the "Document Map" feature and navigation shortcut keys.
[ADOD-Office-Applications-UI 7.5] Enable	**Yes.**

ADOD Assessment Framework: Success criteria for assessing the accessibility of office application user interfaces	Result
editing of the structure of the document in an accessible fashion.	
[ADOD-Office-Applications-UI 7.6] Allow the author to search within editing views.	**Yes.** Via the "Find and Replace" feature.

Screen Reader Test 1. Accessing an Existing Test Document

In this test, the evaluator used a screen reader to explore a pre-existing test document that had been created by a sighted colleague, following the "Authoring Techniques for Accessible Office Documents: WordPerfect X5". The test document included the elements in the left-hand column (i.e., heading, table of contents, etc.).

Able to Access?	JAWS 11	NVDA 2010.2
Headings	**No.**	**No.**
Table of contents	**Yes.** Links were not identified.	**Yes.** Links were not identified. Page numbers were not identified.
Image with "alt" text	**No.** JAWS did not identify an image.	**No.** NVDA did not identify an image.
Table	**No.** The text from the table was available, but JAWS did not recognize a table.	**No.** The text from the table was available, but NVDA did not recognize a table.
Formatted text	**Yes.** Using the JAWS text attributes command (JAWS key + f). Formatting was available, but text color was not.	**No.** NVDA was not able to access any formatting information.
Change tracking	**No.** The text was available, but no changes were announced.	**No.** The text was available, but no changes were announced.

Able to Access?	JAWS 11	NVDA 2010.2
Numbered pages	**Yes.** Using Insert > Headers and Footers > Footer A > Edit	**Yes.** Using Insert > Headers and Footers > Footer A > Edit.
Search function	**Yes.**	**Yes.**

Screen Reader Test 2. Creating a New Document

In this test, the evaluator used a screen reader to create a new test document which was to include the elements in the left-hand column (i.e., two levels of heading, an image, etc.).

Able to accomplish?	JAWS 11	NVDA 2010.2
Create a new document	**Yes.**	**Yes.**
Create two levels of headings	**Yes.** By selecting the text and using Format > Styles, then selecting the appropriate heading style.	**No.** The list of styles in Format > Styles was not accessible.
Add and then edit paragraph text (e.g. do a select-cut-paste)	**Yes.**	**Yes.**
Insert an image	**Yes.** Using Insert > Graphics / Pictures > From file…. To add alternative text use the HTML options dialog > Image tab. *Note:* This must be done before moving away from the image, as a means to locate the image in the document once created has not been identified.	**No.** Using Insert > Graphics / Pictures > From file….The file chooser was poorly accessible and I could not find an image.
Insert a 3-by-3 table and fill it with content	**No.** It was possible to create a table using Table > Create… JAWS did not recognize the table and it did not appear	**No.** It was possible to create a table using Table > Create… NVDA did not recognize the table and it did not appear

Able to accomplish?	JAWS 11	NVDA 2010.2
	possible to fill it with content.	possible to fill it with content.
Create a bullet list	**Yes.** By selecting the items and using Insert > Outline / Bullets and Numbering.	**Yes.** By selecting the items and using Insert > Outline / Bullets and Numbering.
Use text formatting (bold, text colour)	**Yes.** It was possible to apply formatting, but the color picker did not appear to be accessible.	**Yes.** It was possible to apply formatting, but the color picker did not appear to be accessible.
Add page numbering	**Yes.** Using Format > Page > Numbering.	**Yes.** Using Format > Page > Numbering.
Insert a table of contents	**Yes.** Using Tools > References > Table of Contents and the directions from http://corel.custhelp.com/app/answers/detail/a_id/754731/~/how-to-create-a-table-of-contents-in-wordperfect After generating the Table of Contents, the file must be saved in order to get back to the content.	**No.** As there were no headings in the document.
Save document	**Yes.**	**Yes.**
Other Comments by the Screen Reader Tester:	After exporting the document to html, the lists, tables and headings were not exported semantically and the image was not available.	NVDA did not recognize the first letter of each line of text. NVDA did an inconsistent job at reading the content, especially if it was highlighted. After exporting the document to html, the lists, tables and headings were not exported semantically and the image

Able to accomplish?	JAWS 11	NVDA 2010.2
		was not available.

Acknowledgments

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