

WordPsychic

User's Manual

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System Requirements

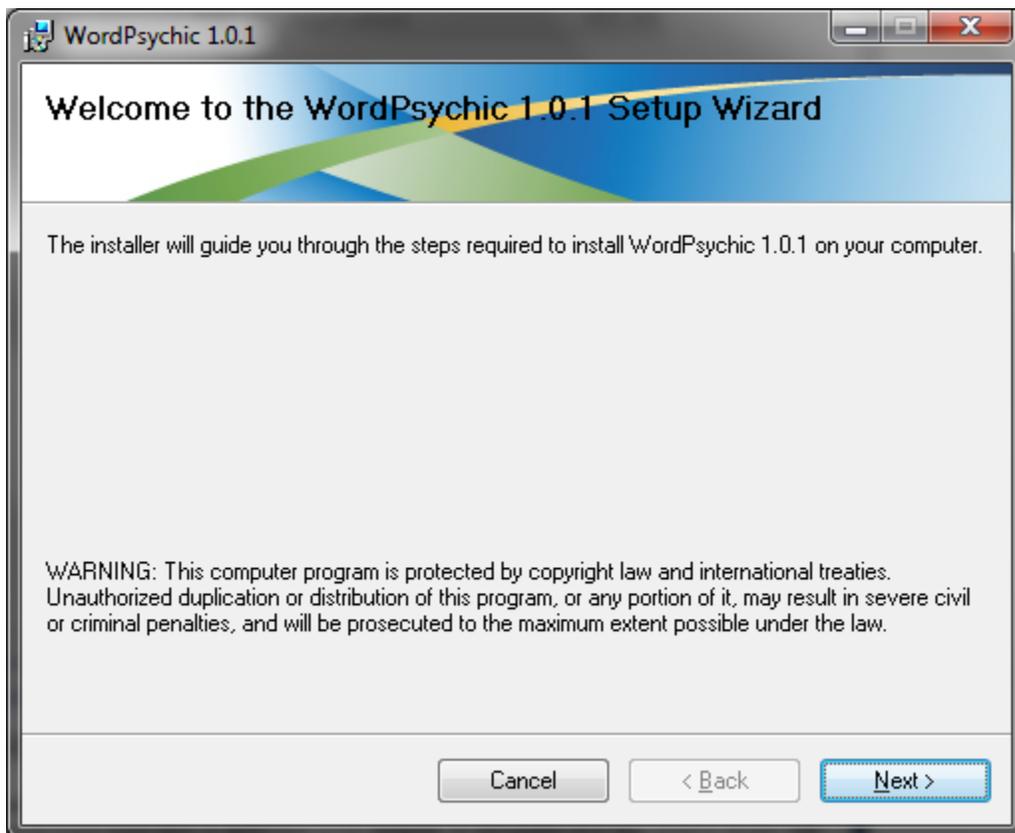
WordPsychic has been tested with Windows XP, Windows Vista, and Windows 7 on a variety of hardware platforms including desktop, laptop and tablet computers with processor speeds of at least 1.0 GHz and RAM capacities of 2GB and more.

Installation

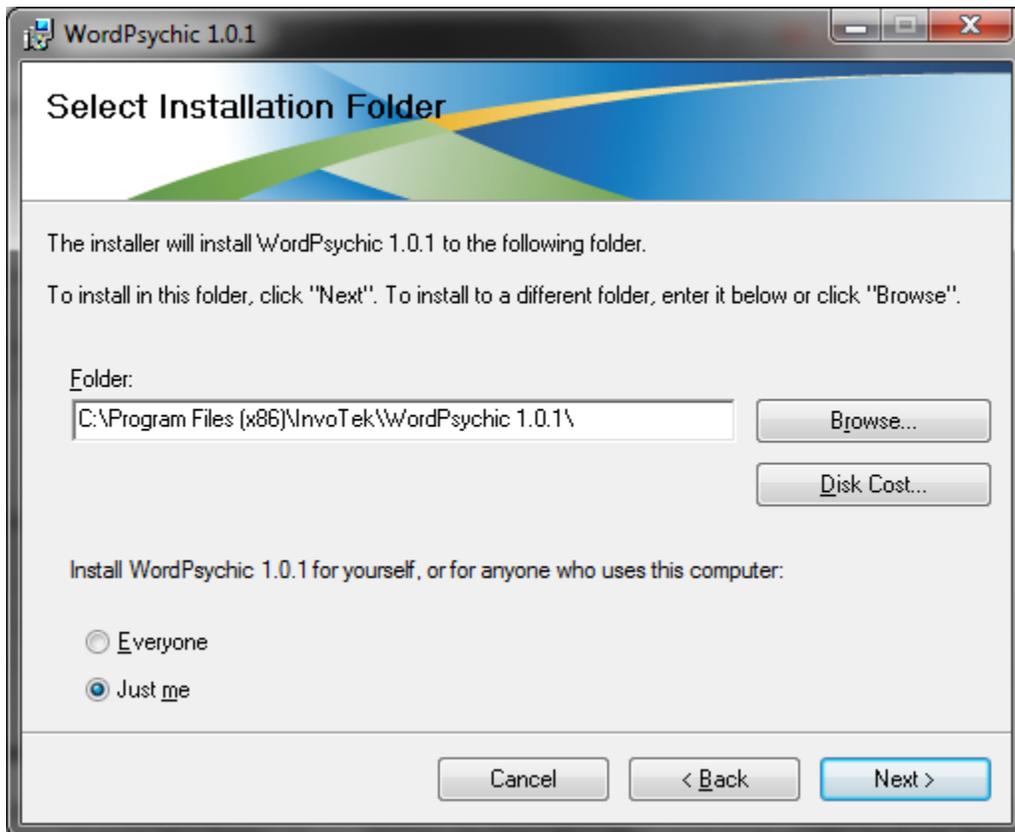
WordPsychic consists of a single software package. While the installation process should be essentially automatic, the steps below will guide you through the process and explain what's happening as you are installing the system.

Installing the WordPsychic software

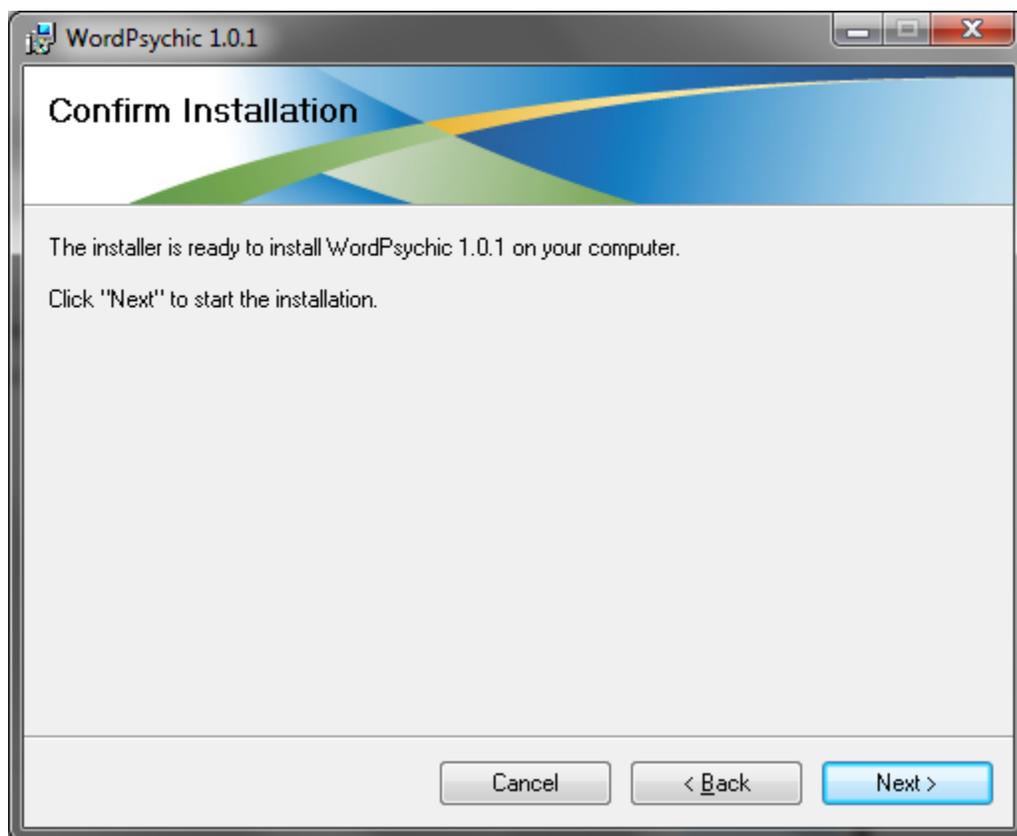
Insert the installation CD into the CD drive. The installation program should start on its own, but if it doesn't, open the CD with Windows Explorer and right-click on the "Setup WordPsychic.msi" file. Select "Install" from the menu, and the WordPsychic Setup Wizard will start.



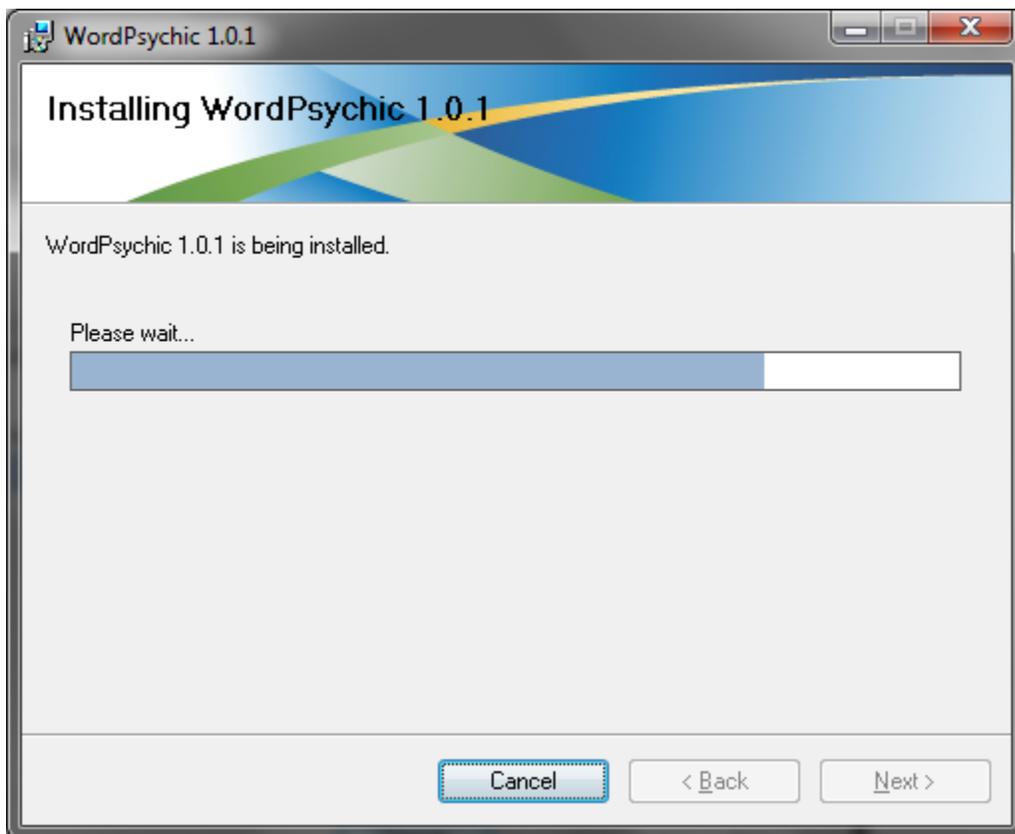
Click "Next" to proceed to the next screen.



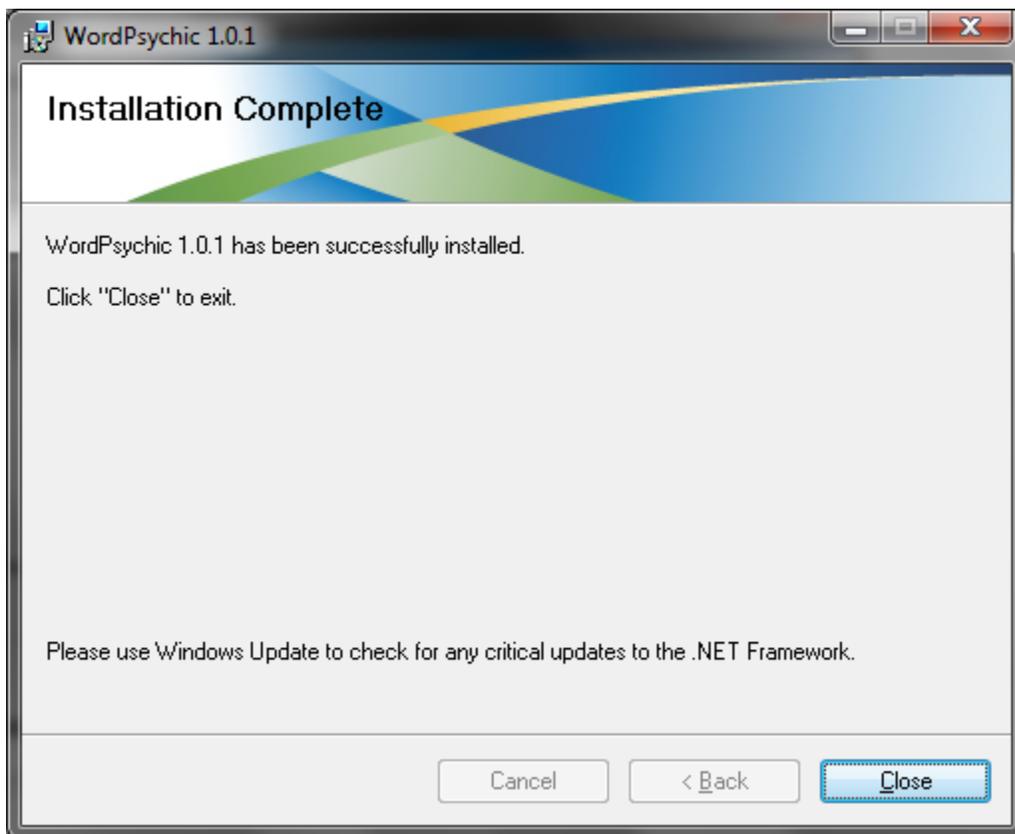
The default installation folder is the preferred location for the WordPsychic software, but you can change the folder if you like by clicking the “Browse” button. By default, the “Just me” radio button in the lower left portion of the window is checked so that only the person who runs the installer will have access to the WordPsychic software. If you want to allow unlimited access to WordPsychic, just check the “Everyone” radio button. When you are satisfied with the folder selection and number of users, click “Next”.



Click "Next" to install the WordPsychic software on your computer. You can change previous selections by clicking "Back."



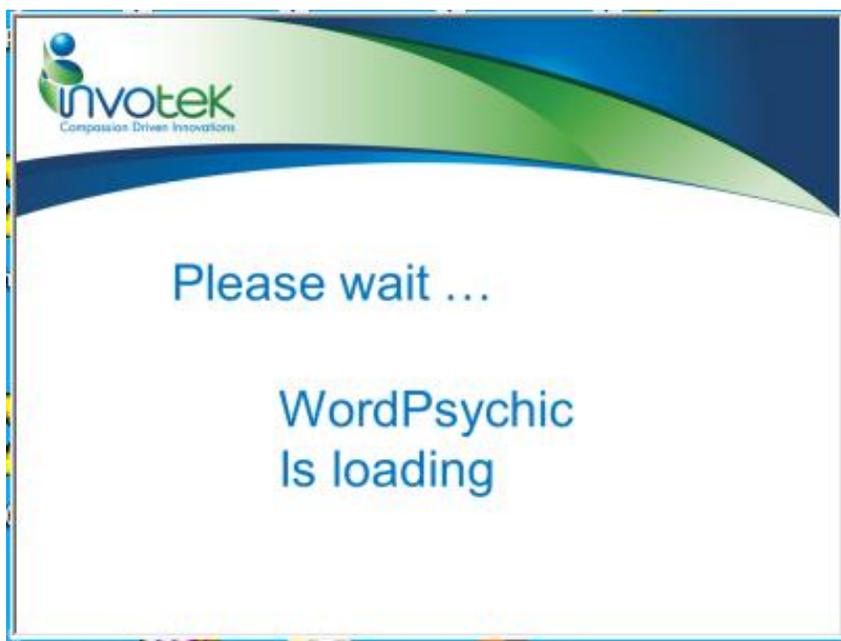
Wait while WordPsychic is being installed.



WordPsychic is now installed on your PC. Click "Close."

Starting WordPsychic

Start the WordPsychic software by double-clicking on the WordPsychic icon on the Desktop. While the program is loading, you will see a splash screen similar to this one:



The program may take a few seconds to load, especially the first time it is run after installation.

When it completes its startup process, it will display a toolbar along the top of your monitor. The left end of it looks like this:



Clicking on the WordPsychic button on the left opens the Help form (page 10). Clicking on the “Man” (Manual) button toggles the word prediction system between its Enabled and Disabled states. Clicking on the “Undo” button, when it is enabled, will remove an automatically-inserted word from your document, leaving only the characters that you had entered without speech recognition or word prediction. All of these buttons can be activated via function keys as indicated on each button.

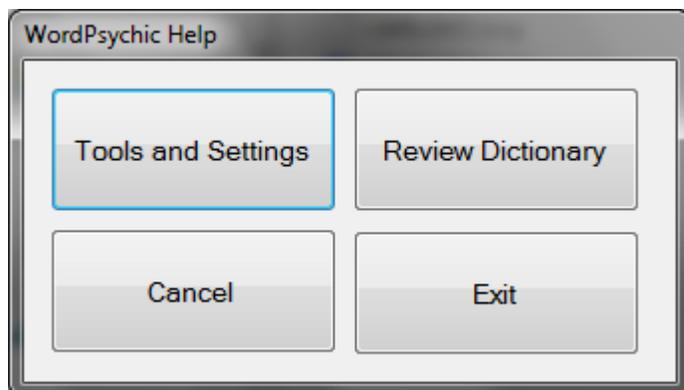
The remainder of the toolbar consists of word prediction selection buttons that are blank at startup, but will contain word prediction words while you are typing and dictating to the system.

Using WordPsychic

In the sections that follow, each of the windows and dialog boxes that you will encounter while using WordPsychic will be explained.

Help form

The Help form contains 4-buttons, as shown here.



The four buttons on this form perform the following actions when clicked:

Tools and Settings

Clicking this button opens the Tools and Settings form, described on page 10.

Review Dictionary

Clicking this button opens the Review User Dictionary form, described on page 19.

Cancel

Click on this button if you clicked on the "Help" button by mistake.

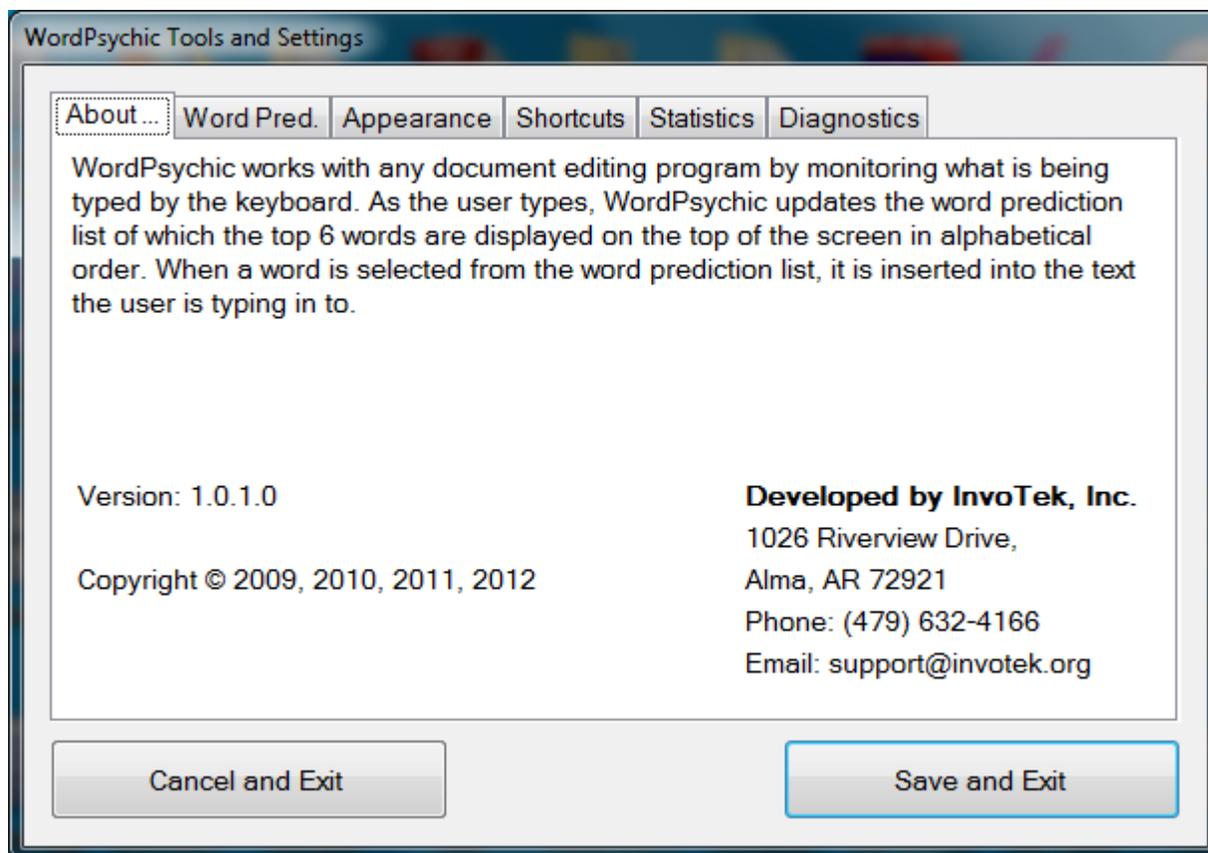
Exit

Clicking on this button exits the WordPsychic Toolbar.

The Tools and Settings form

The Tools and Settings window provides a means for you to tailor the operation of WordPsychic to your own personal preferences. It is organized as a folder with multiple tabs. When it first opens, the “About” tab is active, as shown here.

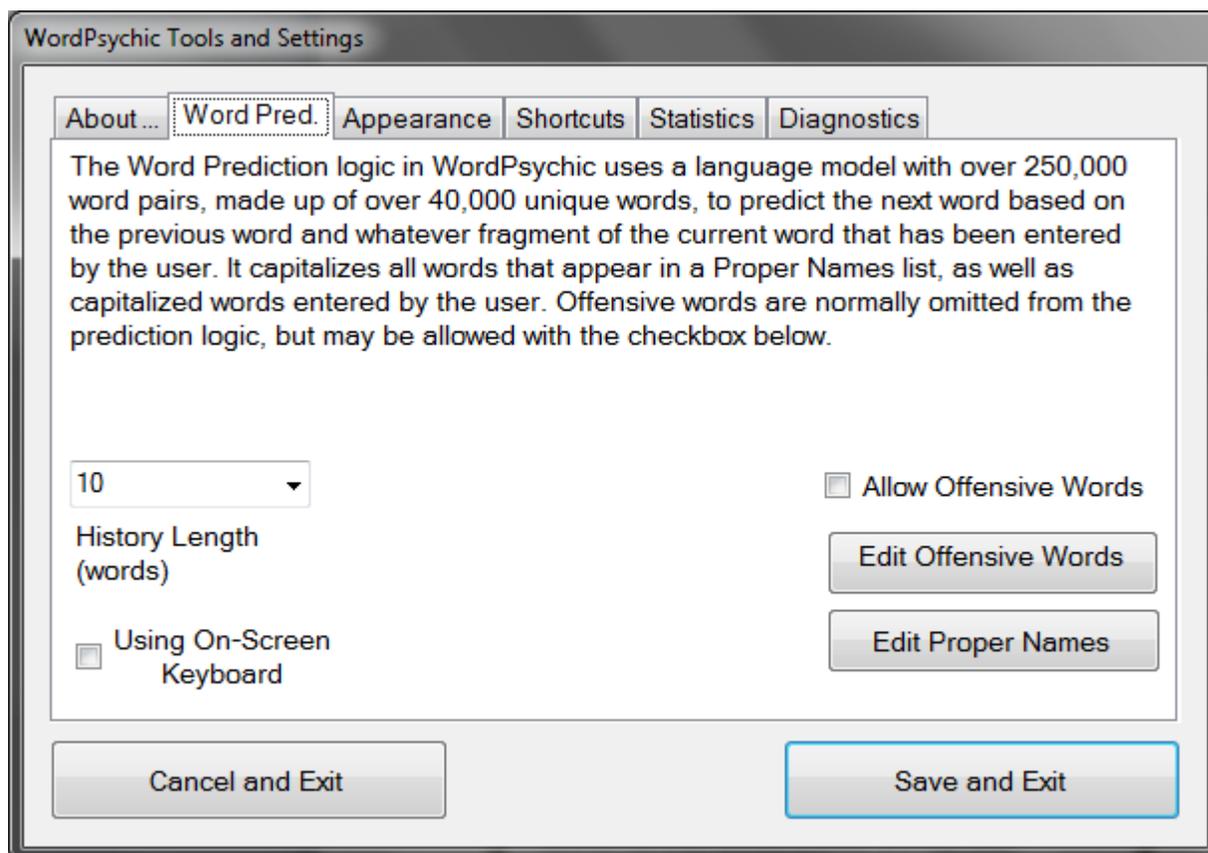
About tab



This tab does not provide any options to set, but simply provides information about the current version of WordPsychic and InvoTek.

Notice the “Cancel and Exit” and “Save and Exit” buttons at the bottom of the form. These are not in any of the tabs, but are accessible at all times. Clicking on the “Cancel and Exit” button closes this window and discards all changes you made to the settings on all tabs. Clicking on the “Save and Exit” button saves all your changes from all tabs and then closes the window.

Word Pred. tab



This tab is provided to adjust the operation of the word prediction feature of WordPsychic. There are only a few settings, and you may never need to adjust any of them.

History Length

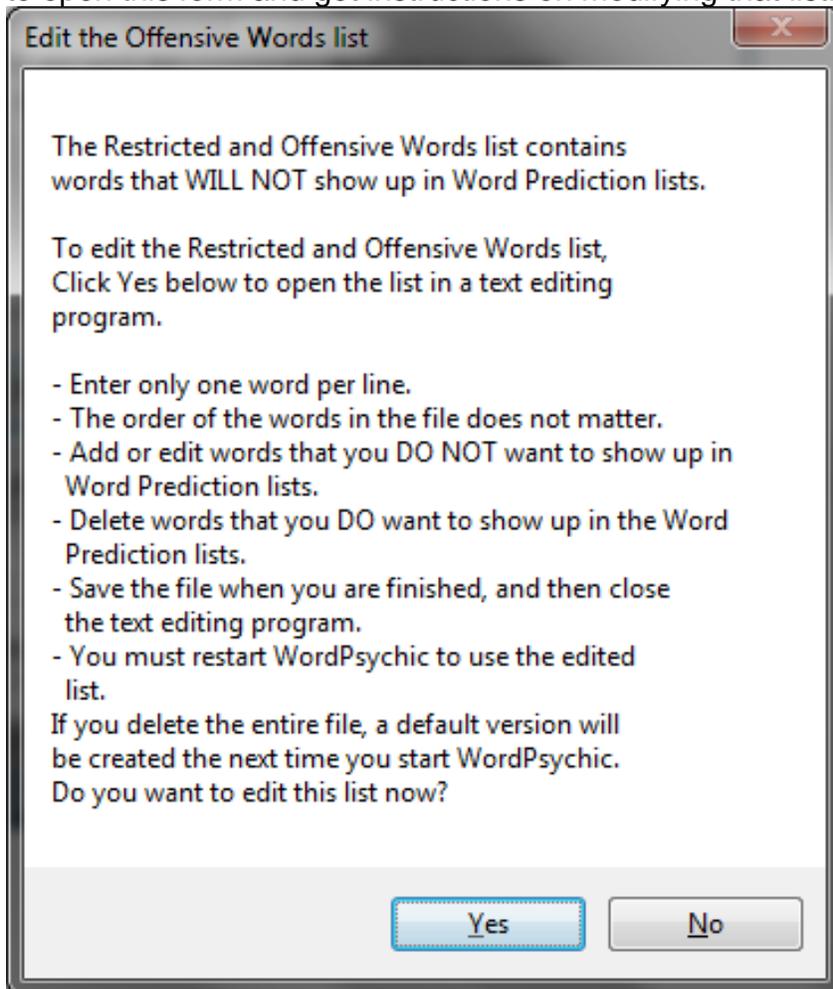
The word prediction process used by WordPsychic bases its predictions on the previous word entered into your document and the beginning of the next word. Each time you add a letter to a new word, it revises the list of probable words shown in the toolbar. As part of that process, the past few words that were entered into your document are remembered to help with corrections – backspace in particular. Generally, using the backspace key to eliminate an entire word puts WordPsychic into a confused state which doesn't include any word prediction. So this setting can be kept low without affecting the behavior or performance of the word prediction process.

Using On-Screen Keyboard

Along with listening to a user's keystrokes, WordPsychic listens to mouse clicks to know the user is no longer typing in the same place. Checking this box turns off detecting mouse clicks since the user is typing by clicking the on-screen keyboard.

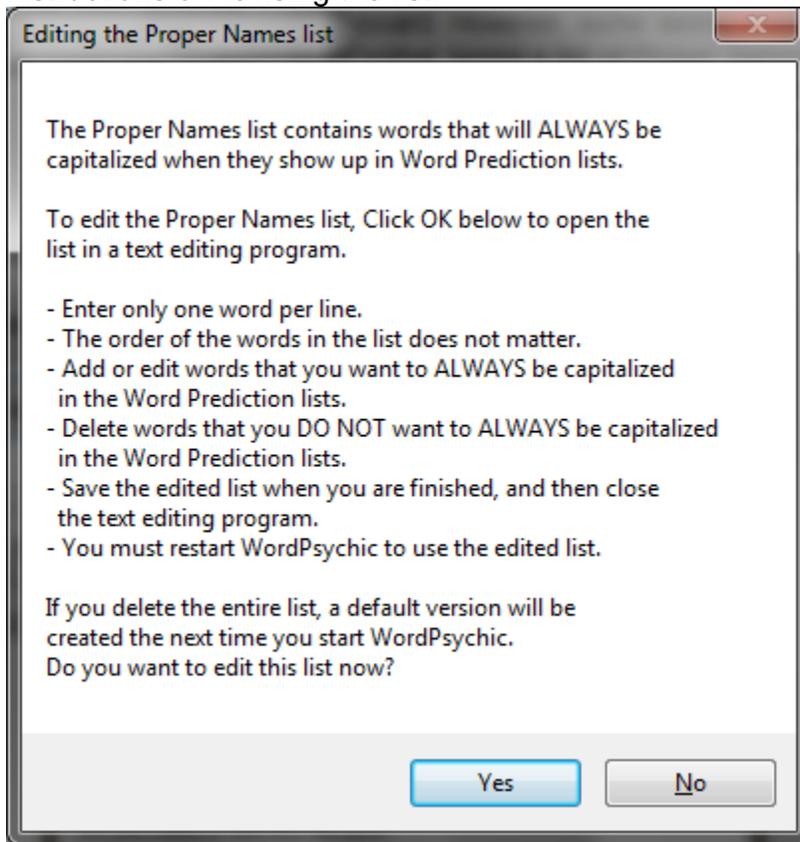
Allow Offensive Words

The word prediction process maintains a list of words that are considered offensive in many settings – especially those with children and mixed company. While you are free to type any word you wish, the word prediction process will not predict anything from its list of offensive words unless you check this box. If you are interested in tailoring the list of offensive words to your specific situation, click on the “Edit Offensive Words” button to open this form and get instructions on modifying that list.

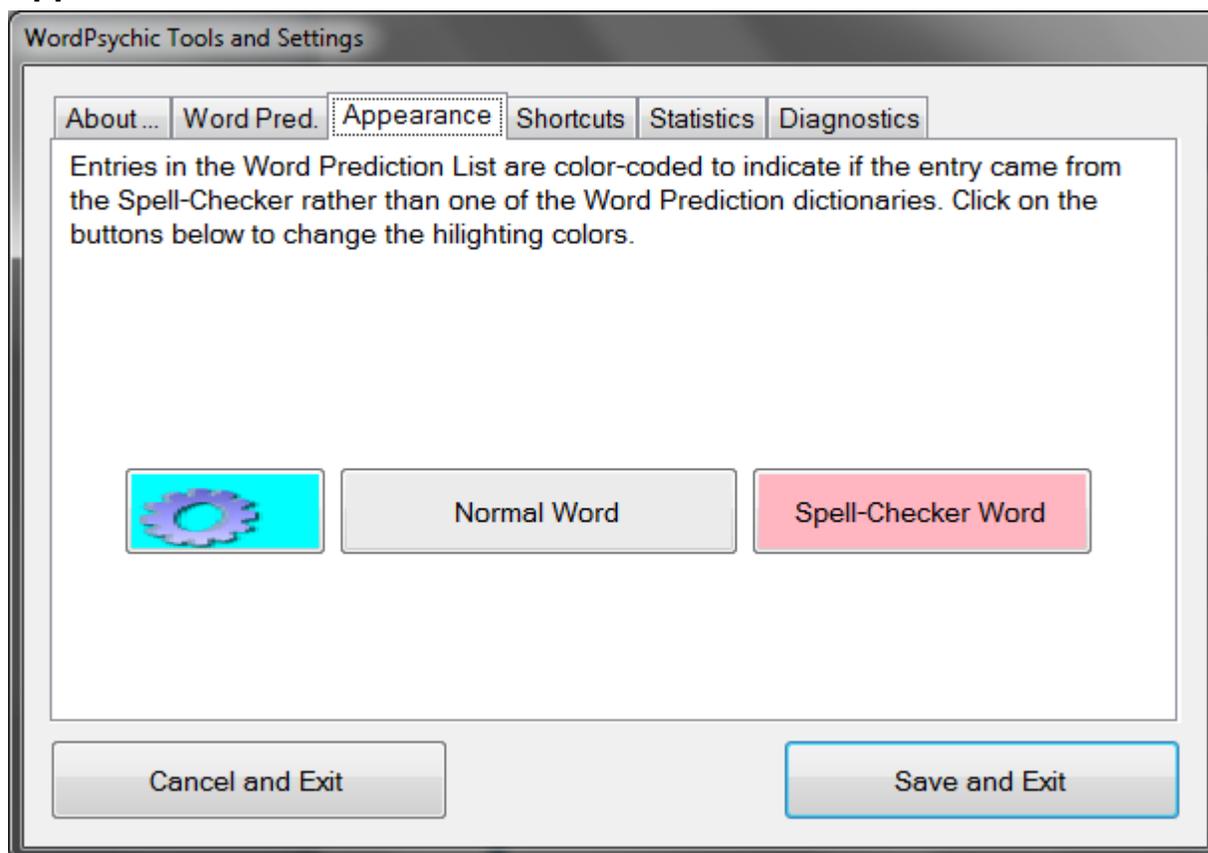


Edit Proper Names

In most cases, the word prediction process capitalizes the words in the prediction list according to the capitalization of the first letter of the word and the state of the CapsLock key on the keyboard. However, some words should always be capitalized, and to do this, WordPsychic keeps a list of Proper Names that should always be capitalized. When any of these words are included in the prediction list, they will be capitalized according to the way they are capitalized in the Proper Names list. If you want to change the way a particular word is always capitalized or add names of family, friends, pets, or places, click the “Edit Proper Names” button to open this form and view instructions on revising the list.



Appearance tab



Use the controls on this tab to adjust the backcolor of selected buttons on WordPsychic.

Menu Button

The Menu button has a default backcolor that is turquoise blue. To change it, click on "Menu Button" on this tab. This will open a color selection dialog box that will give you a wide selection of colors for the Menu button.

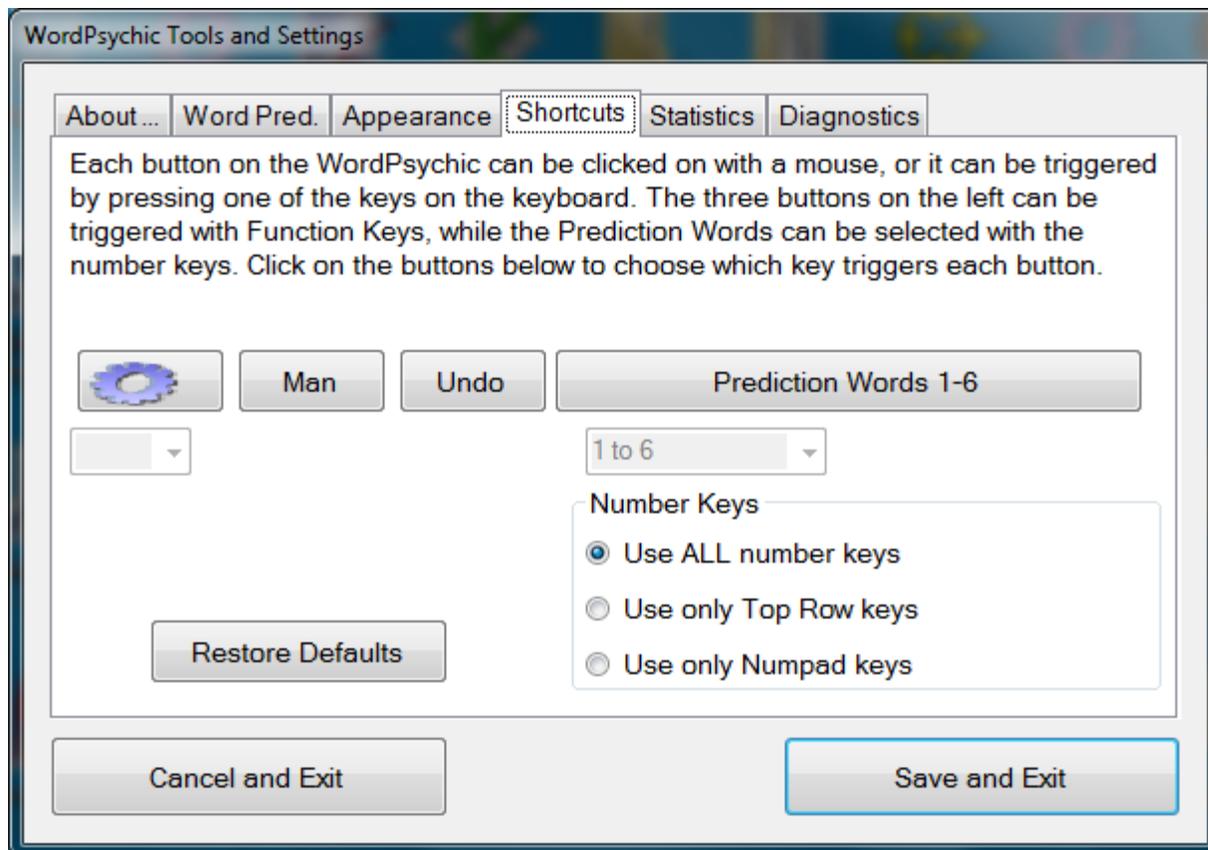
Normal Word

Words in the word prediction list normally have a default backcolor of light gray. Click on "Normal Word" to open the color selection dialog box for all "normal" words in the prediction list.

Spell-Checker Word

Words in the word prediction list that are supplied as a last resort by our spell-checker normally have a backcolor that is pink. Click on “Spell-Checker Word” to open the color selection dialog box for all words in the prediction list that are supplied by the spell-checker.

Shortcuts tab



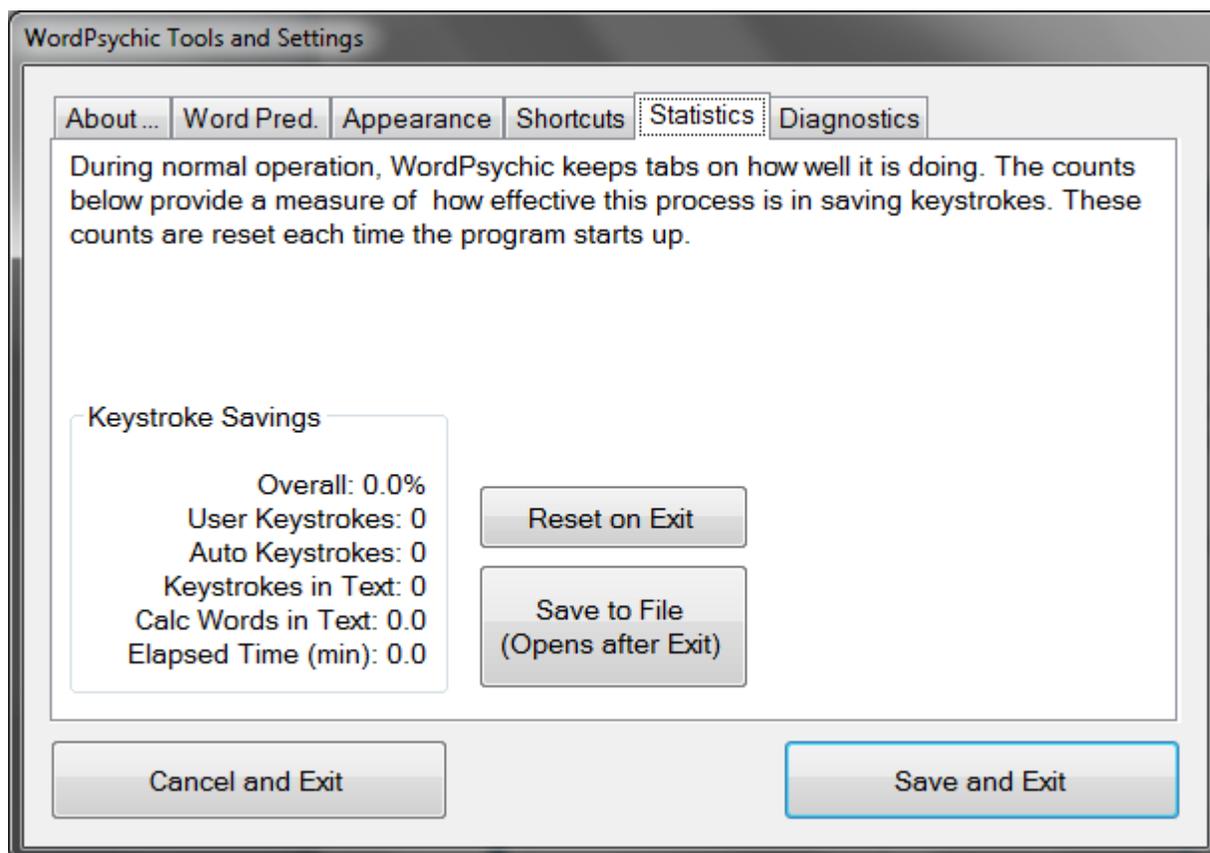
Each button on WordPsychic can be clicked with a mouse, and it has a shortcut key associated with it. Use this tab to select the shortcut keys associated with each button on WordPsychic.

On the left side of the window are graphic representations of the three control buttons on WordPsychic. Clicking on one of these graphics will cause the button's name and currently-assigned shortcut key to be displayed immediately below the graphic. The shortcut keys for these five buttons must be chosen from Function Keys F1 – F12. To change a shortcut key for any of these buttons, click on the button and then pick a new shortcut key from the dropdown list. If the shortcut selection results in a single Function Key being assigned to two or more buttons, you will be alerted to that with a message below the button's name.

On the right side of the window is a single graphic representing all six of the word prediction buttons. Clicking on this graphic will cause the current shortcut key assignments to be displayed in the dropdown list below the graphic. The word prediction buttons' shortcut keys must be chosen from the number keys, and can be limited to the top row number keys or the NumPad number keys, or both. To change the shortcut key assignments, pick a new range of numbers from the dropdown list, and select one of the radio buttons below that list to determine which set or sets of number keys to accept as shortcuts.

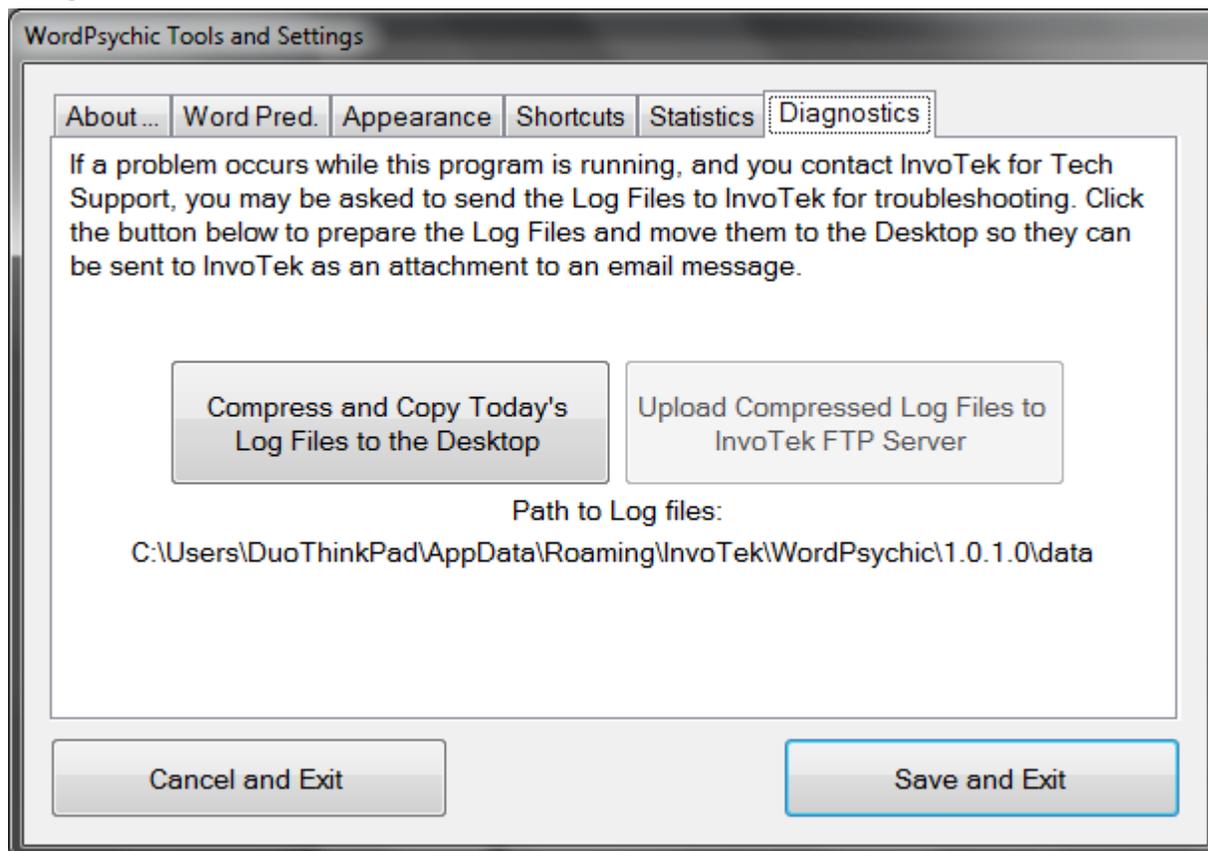
Finally, if all else fails, click on the "Restore Defaults" button to reset the three control buttons' shortcuts to F5,F8 and F9 and the word prediction buttons' shortcuts to top row numbers 1-6.

Statistics tab



This tab displays a summary of the performance statistics that WordPsychic keeps and gives the user a way to reset the statistics and to save them to a file for future reference. The statistics that get saved to a file include all the Keystroke Savings summary data plus many more details. Click on “Reset on Exit” to reset all counts to zero. Click on “Save to File” to save the detailed statistics to a file. Note that the Reset and Save operations do not actually take place until the Tools and Settings form is closed by clicking on the “Save and Exit” button.

Diagnostics tab



Occasionally, computers do unexpected things, and we need to have someone else help us determine what went wrong. This tab provides two buttons to help with that task.

During normal operations, WordPsychic keeps a log file of significant events that have occurred within the system. Clicking on the “Compress and Copy Today’s Log Files to the Desktop” will put a compressed copy of the current day’s log files on your Desktop. It will be named “WordPsychic_Logs_yyyymmdd-hhmmss.gz” where “yyymmdd” is the current date, and “hhmmss” is the current time. After clicking on this button, the second button will be enabled.

Clicking on the “Upload Compressed Log Files to InvoTek FTP Server” will take the compressed logs from your desktop and transmit them electronically to InvoTek for the engineers there to examine. Note that this action requires an active Internet connection in order to operate. After clicking on this button and sending the compressed logs to InvoTek, please call InvoTek (479-632-4166) or email (support@invotek.org) to let them know that the file has been sent.

User Dictionary Review form

WordPsychic maintains a dictionary of the words that each user actually uses from day to day. This dictionary is divided into two parts – User Unigrams and User Bigrams. Each part can be reviewed and edited individually with this form.

User Unigrams (48) Total Usage Count: 57		
Text	Count	Remove
a	2	<input type="button" value="Remove"/>
and	3	<input type="button" value="Remove"/>
appreciate	1	<input type="button" value="Remove"/>
at	1	<input type="button" value="Remove"/>
aware	1	<input type="button" value="Remove"/>
certainly	1	<input type="button" value="Remove"/>
did	1	<input type="button" value="Remove"/>
do	1	<input type="button" value="Remove"/>
expertise	1	<input type="button" value="Remove"/>
face	1	<input type="button" value="Remove"/>
for	1	<input type="button" value="Remove"/>
fosnaught	1	<input type="button" value="Remove"/>
friends	1	<input type="button" value="Remove"/>
george	1	<input type="button" value="Remove"/>
has	1	<input type="button" value="Remove"/>
he	1	<input type="button" value="Remove"/>
heather's	1	<input type="button" value="Remove"/>
help	1	<input type="button" value="Remove"/>

User Bigrams (52) Total Usage Count: 52			
Word1	Word2	Count	Remove
a	face	1	<input type="button" value="Remove"/>
a	very	1	<input type="button" value="Remove"/>
and	expertise	1	<input type="button" value="Remove"/>
and	george	1	<input type="button" value="Remove"/>
and	how	1	<input type="button" value="Remove"/>
appreciate	heather's	1	<input type="button" value="Remove"/>
at	making	1	<input type="button" value="Remove"/>
aware	of	1	<input type="button" value="Remove"/>
certainly	do	1	<input type="button" value="Remove"/>
did	a	1	<input type="button" value="Remove"/>
do	appreciate	1	<input type="button" value="Remove"/>
expertise	at	1	<input type="button" value="Remove"/>
face	for	1	<input type="button" value="Remove"/>
for	radio	1	<input type="button" value="Remove"/>
friends	kepe	1	<input type="button" value="Remove"/>
george	fosnaught	1	<input type="button" value="Remove"/>
has	a	1	<input type="button" value="Remove"/>
he	has	1	<input type="button" value="Remove"/>

Remove All New Words Exit without saving Save and Exit

The left section of the form is for reviewing User Unigrams, and the right section is for reviewing User Bigrams.

At the bottom of the form are three buttons of interest.

Remove All New Words – toggles the Remove button to “Yes” of all words that have been added during the most recent WordPsychic session. These will be deleted when Save and Exit is selected.

Exit without saving – Exits back to the WordPsychic Help form without making any changes to the User Dictionary

Save and Exit – saves all changes to the User Dictionary and exits back to the WordPsychic Help form

User Unigram review

Unigrams are single words that have been typed, chosen from a word prediction list, or inserted by the speech recognition system. The left side of the User Dictionary review form, for reviewing User Unigrams, is arranged like this:

Text	Count	Remove
a	2	<input type="button" value="Remove"/>
and	3	<input type="button" value="Remove"/>
appreciate	1	<input type="button" value="Remove"/>
at	1	<input type="button" value="Remove"/>
aware	1	<input type="button" value="Remove"/>
certainly	1	<input type="button" value="Remove"/>
did	1	<input type="button" value="Remove"/>
do	1	<input type="button" value="Remove"/>
expertise	1	<input type="button" value="Remove"/>
face	1	<input type="button" value="Remove"/>
for	1	<input type="button" value="Remove"/>
fosnaught	1	<input type="button" value="Remove"/>
friends	1	<input type="button" value="Remove"/>
george	1	<input type="button" value="Remove"/>
has	1	<input type="button" value="Remove"/>
he	1	<input type="button" value="Remove"/>
heather's	1	<input type="button" value="Remove"/>
help	1	<input type="button" value="Remove"/>

Remove All New Words

Scroll through the list of words to see what words the user has typed, picked from a word prediction list, or had recognized by WordPsychic.

The three columns of data include the following:

Text – the word that was used

Count – the number of times the word has been used

Remove – a clickable button that tells WordPsychic to remove this word from the User Dictionary on exit of this form. This is the only user-settable field on the User Unigrams review form.

User Bigram review

Bigrams are pairs words that have been used together. The right side of the User Dictionary review form, for reviewing User Bigrams, is arranged like this:

Count: 57 User Bigrams (52) Total Usage Count: 52

Word1	Word2	Count	Remove
a	face	1	<input type="button" value="Remove"/>
a	very	1	<input type="button" value="Remove"/>
and	expertise	1	<input type="button" value="Remove"/>
and	george	1	<input type="button" value="Remove"/>
and	how	1	<input type="button" value="Remove"/>
appreciate	heather's	1	<input type="button" value="Remove"/>
at	making	1	<input type="button" value="Remove"/>
aware	of	1	<input type="button" value="Remove"/>
certainly	do	1	<input type="button" value="Remove"/>
did	a	1	<input type="button" value="Remove"/>
do	appreciate	1	<input type="button" value="Remove"/>
expertise	at	1	<input type="button" value="Remove"/>
face	for	1	<input type="button" value="Remove"/>
for	radio	1	<input type="button" value="Remove"/>
friends	kepe	1	<input type="button" value="Remove"/>
george	fosnaught	1	<input type="button" value="Remove"/>
has	a	1	<input type="button" value="Remove"/>
he	has	1	<input type="button" value="Remove"/>

Scroll through the list of bigrams to see what ones the user has used.

The four columns of data include the following:

Word1 – the first word of a bigram pair

Word2 – the second word of a bigram pair

Count – the number of times this bigram pair has been used

Remove – a clickable button that tells WordPsychic to remove this bigram from the User Dictionary on exit of this form. This is the only user-settable field on the User Bigrams review form.

What to do if the system doesn't work right

If all else fails ...

If you have a persistent problem with WordPsychic, please call InvoTek at 479-632-4166 for assistance.