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## LeXpert

LeXpert is a software designed to assist word game enthusiasts in expanding their knowledge of words. It offers more than 3000 word lists and different ways of viewing these lists. Many options are provided for fine tuning the presentation to suit your own needs. At the same time, a lot of those options default to reasonable values to help a novice user.

You can create Customized lists based on several search conditions. Printing of lists and saving lists to files are some of the highlights of new features.

LeXpert works with Windows® 3.1 or higher including Windows® 95.

### Features

- About 170,000 words of 2 to 15 letters long.

- More than 3500 word lists.

- View the contents of a word list as a list.

- View the hooks of a word list.

- View the anagrams of a word list.

- Program quizzes you on the hooks of a word list.

- Program quizzes you on the anagrams of a word list.

- Create customized lists.

- Customize any list.

- Printing, Print Preview of lists, hooks and anagrams.

- Save lists to files, import text files containing words.

- 7-9 letter word lists containing frequently used letters.

- Word lists containing common prefixes and suffixes.

- High probability words.

- Powerful search engine to help you find words that match a pattern or anagram, or to build words from a given set of letters.

- Cryptogram solver.

- Customizable anagram presentation, hook lengths, timings, etc.

- Customizable colors and fonts.

- Separate lists for words added in February 1996.

### Thanks

We appreciate your choosing LeXpert to improve your word game skills. If you have any suggestions or comments about this product, please [contact us](#). Have fun using this software!

## Toolbar

The toolbar provides fast access to frequently used menu items. The toolbar is present just below the menu bar. The following image shows the Toolbar:



The buttons represent:

File/New Predefined List

File/Open

File/Save

File/Print

Edit/Go to Word/First

Edit/Go to Word/Last

Edit/Go to Word/Other

Edit/Go to Word with Answer/Next

Edit/Go to Word with Answer/Previous

View/Slide Show/List

View/Slide Show/Hooks

View/Slide Show/Anagrams

View/Quiz/Hooks

View/Quiz/Anagram

Tools/Search

Help/Index

## Status Bar

The status bar shows the current status of the application. The status bar is present at the bottom of the main window. Message area, Probability Factor area, Number of Answers area and list status area are the three components of the status bar. The following image shows the status bar:



### Message Area

The first section (from left) of the status bar is the message area. When any of the menu items or buttons on the Toolbar is pressed, a short help message appears in this area. Also, when the program is involved with time consuming operation, it uses this area to inform the user about the progress of the operation.

### Probability Factor Area

This area shows the Probability Factor for the current word if the option has been set in the Status Bar Options Dialog.

### Number of Answers Area

This area shows the number of answers for the current word if the option has been set in the Status Bar Options Dialog.

If there are two answer windows (when looking at Front and End hooks), both the number of answers are listed.

### List Status Area

This area shows the position of the current word with reference to the entire list. If the current word is 13th in a list of 90 words, this area shows *13/90*.

## Probability Factor

The Probability Factor (PF) is based on the assumption of choosing the letters for the word from a bag of 98 letters. The distribution of letters is assumed to be A(9), B(2), C(2), D(4), E(12), F(2), G(3), H(2), I(9), J(1), K(1), L(4), M(2), N(6), O(8), P(2), Q(1), R(6), S(4), T(6), U(4), V(2), W(2), X(1), Y(2) and Z(1).

The number of letters chosen depends on the length of the word. If the word is 4 letters long, it is assumed that you are drawing 4 letters from the bag.

Let us figure the probability factor for the 4 letter word HEAR. The number of ways this word can be formed is  $2 \times 12 \times 9 \times 6 = 1296$ . The 4 letter word with the highest probability is AEON. The number of ways AEON can be formed is  $9 \times 12 \times 8 \times 6 = 5184$ . Hence, the probability factor for HEAR is 1296 divided by 5184 times 100 (for percentage) = 25.00.

## **Copyright, License and Liability**

### **Copyright**

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This software is provided "as is", without warranty of any kind, either expressed or implied. In no event will Smartsoft be liable for direct, indirect, special, incidental, economic or consequential damages arising out of the use of or inability to use the Software or user documentation.

## Technical Support

If you have any questions or comments regarding LeXpert, you may contact us by phone between the hours of 7:00 PM and 11:00PM weekdays and between 10:00AM and 11:00 PM on weekends, Eastern Standard Time. If we are not available, you can leave a message. Your call will be returned at the earliest opportunity possible. When your call is returned, you will be expected to call back.

Our preferred method of communication would be by e-mail. We read our e-mail everyday between 9 PM - 11:30 PM Eastern Time and respond to requests immediately. Our email address is [carolrav@ix.netcom.com](mailto:carolrav@ix.netcom.com).

### Obtaining Password

If you are calling to get your password, please be prepared to supply us with the following information:

- Your key from the [Password Dialog](#)

- Your name, phone number and complete address

You can write to us also to obtain your password. Please be sure to include all of the above information.

### Technical Help

If you are calling to get technical help, please be sure that you have done the following:

- Read the LeXpert User's Guide

- Read the on-line help

Please be sure to provide us with the following information:

- Program Version

- Version Number of Microsoft Windows

- Version Number of DOS

- Type of computer you are using

- Your name, phone number and complete address

### Address

#### Smartsoft

28930 Monterey Drive

Southfield, MI 48076-5558

(810) 353-9241

e-mail: [carolrav@ix.netcom.com](mailto:carolrav@ix.netcom.com)

## Ordering

If you like LeXpert and you know friends who might benefit from this product, please ask them to contact us at the following address:

**Smartsoft**

28930 Monterey Drive  
Southfield, MI 48076

Voice: (810) 353-9241

e-mail: [carolrav@ix.netcom.com](mailto:carolrav@ix.netcom.com)

LeXpert is shipped on a 3.5" disk only.

## **Menus**

File

Edit

View

Tools

Options

Help

## **File Menu**

New Predefined List

New Custom List

Open

Save

Save As

Notes

Print

Print Preview

Page Setup

Exit

## **File/New Predefined List Menu Item**

Choosing this menu item brings up the Predefined Lists Dialog. If there are changes to the current list, you are given the option of saving it before selecting a new list.

## **File/New Custom List Menu Item**

Choosing this menu item brings up the Custom List Dialog. If there are changes to the current list, you are given the option of saving it before creating a new list.

## **File/Open Menu Item**

Choosing this menu item brings up a standard File Selection dialog. Select the LeXpert file (.lxp) you are interested in opening and choose OK. The chosen file is opened. If there are changes to the current list, you are given the option of saving it before opening the new file.

## **File/Save Menu Item**

Choosing this menu item saves the current list. If the list is Untitled, a standard File Selection Dialog is shown. Choose the name of a file or type in a new name and choose OK. The current list is saved.

## **File/Save As Menu Item**

Choosing this menu item brings up a standard File Selection Dialog. Choose a new file name or type in a new file name and choose OK. An exact copy of the current list is saved under the new name. You will be working with the new file.

## **File/Notes Menu Item**

Choosing this menu item brings up the List Notes Dialog.

## **File/Print Menu Item**

Choosing this menu item brings up the standard Print Dialog. You can choose printers, range of pages to print, etc.

## **File/Print Preview Menu Item**

Choosing this menu item brings up a preview window showing how the printed page will look. Please keep in mind that the spacing and font size may be slightly different in the print version. Nevertheless, this is a very good approximation. The number of pages and the contents of pages should be the same.

## **File/Page Setup Menu Item**

Choosing this menu item brings up the Page Setup Dialog.

## **File/Exit Menu Item**

Choosing this menu item terminates the program. If there are changes to the current list, you are given the option of saving it before opening the new file.

All your preferences are remembered by the program. When you start LeXpert again, the preferences you had when you quit the program previously are still in place.

The current word list is remembered while the current word is not.

## **Edit Menu**

Customize

Import/LeXpert (.lxp) File

Import/Text (.txt) File

Remove Common Words

Go to Word/First

Go to Word/Last

Go to Word/Other

Go to Word with Answer/Next

Go to Word with Answer/Previous

Undelete All

## **Edit/Customize Menu Item**

Choosing this menu item brings up the Custom List Dialog with the words in the current list. You can customize your list using various conditions available in that dialog.

If you do not like your customization, you can choose Cancel from that dialog and your original list will be preserved.

## **Edit/Import/LeXpert (.Ixp) File Menu Item**

Choosing this menu item brings up the standard File Selection Dialog. You can choose a LeXpert file whose words you want to import into the current list. Only one occurrence of duplicated words are kept.

## **Edit/Import/Text (.txt) File Menu Item**

Choosing this menu item brings up the standard File Selection Dialog. You can choose a text file whose words you want to import into the current list. Only one occurrence of duplicated words are kept.

You can create a text file using NOTEPAD application. Enter one word per line in the text file.

## **Edit/Remove Common Words Menu Item**

Choosing this menu item brings up the standard File Selection Dialog. You can choose a LeXpert file from that dialog. Words that are common to the chosen LeXpert file and the current list are removed.

## **Edit/Go to Word/First Menu Item**

Choosing this menu item changes the current word to the first word in the current list.

## **Edit/Go to Word/Last Menu Item**

Choosing this menu item changes the current word to the last word in the current list.

## **Edit/Go to Word/Other Menu Item**

Choosing this menu item brings up the Change Word Dialog. This dialog lets you change the current word to any word in the list (either by choosing the word, or by typing its index, or by typing the word).

## **Edit/Go to Word with Answer/Next Menu Item**

Choosing this menu item finds a word that has at least one answer. The search proceeds forward.

## **Edit/Go to Word with Answer/Previous Menu Item**

Choosing this menu item finds a word that has at least one answer. The search proceeds backward.

## **Edit/Undelete All Menu Item**

Choosing this menu item brings all the deleted words into the current list. These are the words that have been deleted since the previous save.

When you change from viewing List or Hooks to Anagrams or from viewing Anagrams to List or Hooks, all the deleted words are lost.

## **View Menu**

Slide Show/List

Slide Show/Hooks

Slide Show/Anagrams

Quiz/Hooks

Quiz/Anagram

Toolbar

Status Bar

## **View/Slide Show/List Menu Item**

Choosing this menu item sets the main window's view to show the words of the current word list one by one. A total count of the words in the current word list is shown in the status bar.

The options set in the List Ordering Options Dialog determine the presentation order of the words.

### **Start Button**

Choosing this button starts the slide show. The options set in the Slide Options Dialog, determines how long a word is shown before the next word appears. To stop the slide show, activate the Stop button.

### **Stop Button**

Choosing this button stops the slide show. To start the slide show, activate the Start button.

### **Next Button**

Choosing this button shows the next word.

### **Previous Button**

Choosing this button shows the previous word.

### **Delete Button**

Choosing this button deletes the current word. The next word in the list becomes the current word.

### **Undelete Button**

Choosing this button undeletes the last deleted word. You can continue undeleting until there are no more words to undelete.

If you change from viewing lists or hooks to anagrams, or from viewing anagrams to lists and hooks, you lose all the deleted words.

## View/Slide Show/Hooks Menu Item

Choosing this menu item sets the main window's view to show the words of the current word list one by one. The hooks of the current word is also shown. A total count of the words in the current word list is shown in the status bar.

The options set in the List Ordering Options Dialog determine the presentation order of the words. The options set in the Hooks Options Dialog determine the length of hooks, whether Front Hooks, or End Hooks or both Front and End Hooks are shown and also whether or not the hooks need to be applied to both ends simultaneously.

### Hook Label

If this label shows HOOKS(1,), then the front hook length is 1 letter. If the current word is AD, the hook list will show all the 3 letter words that end in AD.

If this label shows HOOKS(,1), then the end hook length is 1 letter. If the current word is AD, the hook list will show all the 3 letter words that start with AD.

If this label shows HOOKS(1, 1), then the front hook length is 1 letter and the end hook length is 1 letter. If the current word is AD, the front hook list will show all the 3 letter words that end in AD and the end hook list will show all the 3 letter words that start with AD.

If this label shows HOOKS(1-1), then both the ends of the word are hooked simultaneously and the length of the letters before is 1 and the length of the letters after is 1. If the current word is AD, the hook list will show all the 4 letter words where the 2nd letter is A and the 3rd letter is D.

### Start Button

Choosing this button starts the slide show. The options set in the Slide Options Dialog determine the interval between words as well as the interval between showing hooks. To stop the slide show, activate the Stop button.

### Stop Button

Choosing this button stops the slide show. To start the slide show, activate the Start button.

### Next Button

Choosing this button shows the next word.

### Previous Button

Choosing this button shows the previous word.

### >> Button

Choosing this button shows the next hook.

### << Button

Choosing this button hides the latest hook.

### Delete Button

Choosing this button deletes the current word. The next word in the list becomes the current word.

### Undelete Button

Choosing this button undeletes the last deleted word. You can continue undeleting until there are no more words to undelete.

If you change from viewing lists or hooks to anagrams, or from viewing anagrams to lists and hooks, you lose all the deleted words.

## **View/Slide Show/Anagrams Menu Item**

Choosing this menu item sets the main window's view to show the words of the current word list one by one. The word is shown scrambled. The anagrams of the current word are also shown. A total count of the words in the current word list is shown in the status bar.

The options set in the List Ordering Options Dialog determine the presentation order of the words in the list.

The options set in the Anagram Options Dialog determine the letter arrangement for the current word. It may be shown alphabetized, with consonants first, with vowels first, jumbled randomly, with a specified stem order, or with a user specified order.

### **Start Button**

Choosing this button starts the slide show. The options set in the Slide Options Dialog determine the interval between words as well as the interval between showing the anagrams. To stop the slide show, activate the Stop button.

### **Stop Button**

Choosing this button stops the slide show. To start the slide show, activate the Start button.

### **Next Button**

Choosing this button shows the next word.

### **Previous Button**

Choosing this button shows the previous word.

### **>> Button**

Choosing this button shows the next anagram.

### **<< Button**

Choosing this button hides the latest anagram.

### **Delete Button**

Choosing this button deletes the current word. The next word in the list becomes the current word.

### **Undelete Button**

Choosing this button undeletes the last deleted word. You can continue undeleting until there are no more words to undelete.

If you change from viewing lists or hooks to anagrams, or from viewing anagrams to lists and hooks, you lose all the deleted words.

## View/Quiz/Hooks Menu Item

Choosing this menu item sets the main window's view to show the words of the current word list one by one. You will have an opportunity to type the current word's hooks. A total count of the words in the current word list is shown in the status bar.

The options set in the List Ordering Options Dialog determine the presentation order of the words. The options set in the Hooks Options Dialog determine the length of hooks, whether Front Hooks, or End Hooks or both Front and End Hooks are shown and also whether or not the hooks need to be applied to both ends simultaneously.

### Hook Label

If this label shows HOOKS(1,), then the front hook length is 1 letter. If the current word is AD, the hook list will show all the 3 letter words that end in AD.

If this label shows HOOKS(,1), then the end hook length is 1 letter. If the current word is AD, the hook list will show all the 3 letter words that start with AD.

If this label shows HOOKS(1, 1), then the front hook length is 1 letter and the end hook length is 1 letter. If the current word is AD, the front hook list will show all the 3 letter words that end in AD and the end hook list will show all the 3 letter words that start with AD.

If this label shows HOOKS(1-1), then both the ends of the word are hooked simultaneously and the length of the letters before is 1 and the length of the letters after is 1. If the current word is AD, the hook list will show all the 4 letter words where the 2nd letter is A and the 3rd letter is D.

### Hook Edit Field

This is the edit field where you can type the hooks of the current word. If you type <Enter> while in this field, it activates the Accept Button.

### Next Button

Choosing this button shows the next word.

### Previous Button

Choosing this button shows the previous word.

### Accept Button

Choosing this button checks the answer typed in the Hook Edit Field against the possible hooks for the current word. If the answer is valid, it is added to the list of hooks and the Hook Edit Field is cleared. If the answer is not valid, you should hear a beep. An "Unacceptable" message is also shown above the Accept button for about 4 seconds.

### Verify Button

Choosing this button verifies all the answers against the list of all valid hooks. All the hooks are shown in the hook list. The ones that you typed have a check mark in front of them. The ones that you missed do not have check marks in front of them. This will aid you in identifying the missing hooks.

The number of correct answers and the total number of answers are shown above the *Verify* button.

### Delete Button

Choosing this button deletes the current word. The next word in the list becomes the current word.

### Undelete Button

Choosing this button undeletes the last deleted word. You can continue undeleting until there are no more words to undelete.

If you change from viewing lists or hooks to anagrams, or from viewing anagrams to lists and hooks, you lose all the deleted words.

## View/Quiz/Anagrams Menu Item

Choosing this menu item sets the main window's view to show the words of the current word list one by one. You will have an opportunity to type the current word's anagrams. A total count of the words in the current word list is shown in the status bar.

The options set in the List Ordering Options Dialog determine the presentation order of the words.

The options set in the Anagram Options Dialog determine the letter arrangement for the current word. It may be shown alphabetized, with consonants first, with vowels first, jumbled randomly, with a specified stem order, or with a user specified order.

### Anagram Edit Field

This is the edit field where you can type the anagram of the current word. If you hit *<Enter>* while in this field, it activates the *Accept* Button.

### Next Button

Choosing this button shows the next word.

### Previous Button

Choosing this button shows the previous word.

### Accept Button

Choosing this button checks the answer typed in the Anagram Edit Field against the possible anagrams of the current word. If the answer is valid, it is added to the list of anagrams and the Anagram Edit Field is cleared. If the answer is not valid, you should hear a beep. An "Unacceptable" message is also shown above the *Accept* button for about 4 seconds.

If you are viewing the letters of the anagrams as tiles (see Show Tiles), after rearranging the tiles you can choose the *Accept* button also. You need not type your answers.

### Verify Button

Choosing this button verifies all the answers against the list of all valid anagrams. All the anagrams are shown in the anagram list. The ones that you typed have a check mark in front of them. The ones that you missed do not have check marks in front of them. This will aid you in identifying the missing anagrams.

The number of correct answers and the total number of answers are shown above the *Verify* button.

### Delete Button

Choosing this button deletes the current word. The next word in the list becomes the current word.

### Undelete Button

Choosing this button undeletes the last deleted word. You can continue undeleting until there are no more words to undelete.

If you change from viewing lists or hooks to anagrams, or from viewing anagrams to lists and hooks, you lose all the deleted words.

## **View/Toolbar Menu Item**

If this menu item has a check mark in front of it, and you choose this menu item, the Toolbar is hidden.

If this menu item has no check mark in front of it, and you choose this menu item, the Toolbar is shown.

## **View/Status Bar Menu Item**

If this menu item has a check mark in front of it, and you choose this menu item, the Status Bar is hidden.

If this menu item has no check mark in front of it, and you choose this menu item, the Status Bar is shown.

## Tools Menu

Search

## **Tools/Search Menu Item**

Choosing this menu brings up the Search Dialog. In this dialog you can search for words that match patterns specified by you, search for anagrams of words, and also build a list of words that can be formed from a list of given letters.

## Options Menu

Anagram

Hooks

List Ordering

Slide Show

Status Bar

Color/Slide Foreground

Color/Slide Background

Color/Tile Foreground

Color/Tile Background

Color/Main Window

Font Size/Small

Font Size/Medium

Font Size/Large

Show Tiles

Show Welcome

## **Options/Anagram Menu Item**

Choosing this menu brings up the Anagram Options Dialog. This dialog lets you change options related to Anagrams.

## Options/Hooks Menu Item

Choosing this menu brings up the Hooks Options Dialog. This dialog lets you change options related to Hooks.

## **Options/List Ordering Menu Item**

Choosing this menu brings up the List Ordering Options Dialog. This dialog lets you change options related to word list presentation.

## **Options/Slide Show Menu Item**

Choosing this menu brings up the Slide Show Options Dialog. This dialog lets you change options related to Slide Show.

## **Options/Status Bar Menu Item**

Choosing this menu brings up the Status Bar Options Dialog. This dialog lets you change options related to status bar.

## **Options/Color/Slide Foreground Menu Item**

Choosing this menu brings up the Color Dialog. This dialog lets you change the foreground color of the windows that show the current word and anagrams/hooks.

If you want to change the color of parts of the application other than Slide Show area, Tiles and Main Window, use the Control Panel.

## **Options/Color/Slide Background Menu Item**

Choosing this menu brings up the Color Dialog. This dialog lets you change the background color of the windows that show the current word and anagrams/hooks.

If you want to change the color of parts of the application other than Slide Show area, Tiles and Main Window, use the Control Panel.

## **Options/Color/Tile Foreground Menu Item**

Choosing this menu brings up the Color Dialog. This dialog lets you change the foreground color of the Tiles.

If you want to change the color of parts of the application other than Slide Show area, Tiles and Main Window, use the Control Panel.

## **Options/Color/Tile Background Menu Item**

Choosing this menu brings up the Color Dialog. This dialog lets you change the background color of the Tiles.

If you want to change the color of parts of the application other than Slide Show area, Tiles and Main Window, use the Control Panel.

## **Options/Color/Main Window Menu Item**

Choosing this menu brings up the Color Dialog. This dialog lets you change the background color of the main window.

If you want to change the color of parts of the application other than Slide Show area, Tiles and Main Window, use the Control Panel.

## **Options/Font Size/Small Menu Item**

Choosing this menu item creates a small font for use in the windows that show the current word and anagrams/hooks.

## **Options/Font Size/Medium Menu Item**

Choosing this menu item creates a medium font for use in the windows that show the current word and anagrams/hooks.

## **Options/Font Size/Large Menu Item**

Choosing this menu item creates a large font for use in the windows that show the current word and anagrams/hooks.

## **Options/Show Tiles Menu Item**

If this menu item has a check mark in front of it, and you choose this menu item, the main word window will show the word in a normal window.

If this menu item has no check mark in front of it, and you choose this menu item, the main word window will show each letter of the word as a tile. If you are viewing anagrams, you can drag the tiles. If you are viewing Quiz/Anagrams, you can choose the Accept button after you have formed the word by dragging the tiles.

## **Options/Show Welcome Menu Item**

If this menu item has a check mark in front of it, and you choose this menu item, the Welcome Dialog will not be shown when the program starts.

If this menu item has no check mark in front of it, and you choose this menu item, the Welcome Dialog will be shown when the program starts.

## Help Menu

[Index](#)

[Search](#)

[Using Help](#)

[About LeXpert](#)

## **Help/Index Menu Item**

Choosing this menu brings up the on-line help window. When the help window appears, the index/contents of topics also appears.

## **Help/Search Menu Item**

Choosing this menu brings up the on-line help search window. In the search window, you can select the topics based on keywords. Once you choose a topic, the on-line help window appears. This search is useful if you have some idea of the keyword with which you want to search.

## **Help/Using Help Menu Item**

Choosing this menu brings up the on-line help window. The topic shown indicates how to use on-line help. This is useful for users that have not used on-line help before.

## **Help/About LeXpert Menu Item**

Choosing this menu brings up the [About Dialog](#).

## Dialogs

[About LeXpert](#)

[Anagram Options](#)

[Change Word](#)

[Color](#)

[Copyright](#)

[Custom List](#)

[Fonts and Spacing](#)

[Hook Options](#)

[List Notes](#)

[List Ordering Options](#)

[Page Setup](#)

[Password](#)

[Predefined Lists](#)

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[Slide Show Options](#)

[Status Bar Options](#)

[Welcome](#)

[Word List Search](#)

## **About Dialog**

The About Dialog lists the version of the software and the people who brought it to you.

## Anagram Options Dialog

The Anagram Options Dialog contains parameters that define how anagrams are presented.

### Presentation Order

Let us assume that STINGER is the current set of letters the program is presenting in Anagram view. In order to view it as:

EGINRST      choose *Alphabetical*

GNRSTEI      choose *Consonant first*

EIGNRST      choose *Vowel first*

SINTERG      choose *Stem* and type SINTER as the stem

If you want the program to jumble the letters randomly, choose *Random*.

If none of these methods satisfies you, you can define your own order! Choose *User Specified* for *Presentation Order* and choose the *Edit ...* button. This brings up the Reorder Dialog. In that dialog, you can rearrange the letters in any order you choose. That arrangement is updated in the Anagram Options Dialog.

## Change Word Dialog

The Change Word Dialog lets you change the current word. This can be done in three ways:

Select the word from the from the list box (by left mouse click).

Enter a valid index in the Word Index Edit Field. For example, to select the 200th word in a list, enter 200 in the Word Index Edit Field and hit *<Enter>* or click the *Go To* button next to this field.

Enter a word in the Word Edit Field hit *<Enter>* or click the *Go To* button next to this field.

## **Color Dialog**

The Color Dialog lets you choose a color from a palette of colors. The colors are shown in a list box. You can experiment by selecting different colors. If you like the color you choose, activate the OK button.

## **Copyright Dialog**

The Copyright Dialog is shown when the program is loading. This shows the program version number and copyright information.

## Fonts and Spacing Dialog

The Fonts and Spacing Dialog is used to specify font characteristics and spacing used for Printing and Print Preview. Your printer needs to support all the font characteristics.

Point is the unit of measurement used in this dialog. One point is  $1/72$  of an inch.

### Font characteristics

Specify the size in *Size* field.

The Word font can be **Normal** (*Bold* and *Italic* unchecked) or **Bold** (*Bold* checked, *Italic* unchecked) or **Italic** (*Italic* checked, *Bold* unchecked) or **Bold and Italic** (*Bold* and *Italic* checked). This is used for the main word.

The Answer font can have similar properties also (Normal, Bold, Italic and Bold & Italic). This is used for all the answers.

### Spacing

The Vertical spacing between lines is specified in the *Between Lines* field.

The Minimum Horizontal spacing between two columns is specified in the *Between Columns* field. This spacing may be increased by the program in order to evenly distribute the columns in a page.

The Horizontal spacing between the main words and answers is specified in the *Between Word and Answers* field.

## Hooks Options Dialog

The Hooks Options Dialog contains parameters that define how long the hooks are as well as whether or not both ends should be hooked simultaneously. Also, you can choose to view the Front hooks only or End Hooks only or both.

### Number of Front hook Letters Edit Field

You specify the number of letters to hook in front of the current word. Assume that AX is the current word. If this field is set to 1, then 3 letter words that end in AX are its front hooks (FAX, LAX etc.). If this field is set to 2, then 4 letter words that end in AX are its front hooks (COAX, FLAX, etc.).

### Number of End hook Letters Edit Field

You specify the number of letters to hook after the current word. Assume that AX is the current word. If this field is set to 1, then 3 letter words that start with AX are its end hooks (AXE). If this field is set to 2, then 4 letter words that start with AX are its end hooks (AXEL, AXIS, etc.).

### Hook Both Ends Simultaneously Check Box

If this box is not checked, you will be able see the front hooks and end hooks in separate lists. Refer to the above paragraphs for examples.

If this box is checked, you will see only one list where your current word is sandwiched between the front and end hooks. Assume that AX is the current word, and the number of front hook and end hook letters are 1 and 1 respectively. The hooks of the current word are 4 letter words where the 2nd letter is A and the 3rd letter is X (MAXI, TAXA, etc.).

### Show Choices

Selecting *Front Hooks* will show only the front hooks in one list.

Selecting *End Hooks* will show only the end hooks in one list.

Selecting *Front Hooks, End Hooks* will show front hooks in the left list and the end hooks in the right list.

These choice are available only if *Hook Both Ends Simultaneously* is not checked.

## **List Notes Dialog**

The List Notes Dialog shows the description (maximum 40 characters) attached with the current list. Also, there is space for attaching detailed notes (maximum 255 characters) to your list. This gets saved only if you save the list.

## List Ordering Options Dialog

The List Ordering Options Dialog lets you specify the presentation order of the word lists.

### Sort Type

Choose *Alphabetical* if you want the words in the word list to be presented alphabetically. This option is useful when you are learning a new word list.

Choose *Random* if you want the words in the word list to be presented in a random order. This option is useful after you have learned a word list and are ready to be tested. Try this from time to time to keep your skills sharp.

Choose *Probability* if you want the words arranged based on Probability Factor. Words with the same Probability Factor are shown in alphabetical order.

Choose *Word Length* if you want words to be presented based on length. Words of the same length are arranged alphabetically.

### Sort Order

Choose *Ascending* for increasing values (from small to large or from A to Z).

Choose *Descending* for decreasing values (from large to small or from Z to A).

This does not apply when *Sort Type* is *Random*.

## Page Setup Dialog

The Page Setup Dialog is used for specifying page layout parameters for printing. Inch is the unit of measurement used in this dialog.

### Size

Specify the *Width* and *Height* of the paper to be used for printing. If you are using 8.5x11 paper, specify 8.5 for *Width* and 11 for *Height*. This is the size regardless of print orientation (Portrait or Landscape). Paper orientation can be set in the standard Print Dialog. Choose *File/Print...* to set orientation.

### Margins

Specify the *Left*, *Right*, *Top* and *Bottom* margins.

### Header and Footer Title

These titles are made up of Left, Center and Right parts. The Left part is left justified, Center part is center justified and the Right part is right justified.

You can fill these fields with your titles or leave them empty. There are some special codes that can be used in these titles.

Use **\D** to show the current date (for example, *Feb 14, 95*).

Use **\F** to show the file name followed by description (for example, *8L4VWL.LXP (8Letter.NumVowels.4)*).

Use **\#** to show the current page number (for example, *2*).

Use **\P** to show the total number of pages (for example, *12*).

If you want *Page 1/12* in the footer title, type *Page \#\P*.

### Fonts and Spacing

Choose the *Fonts and Spacing* button to set font characteristics and spacing. It brings up the Fonts and Spacing Dialog.

## Password Dialog

The Password Dialog prompts you for the correct password. Once you enter the correct password, the program remembers it and doesn't ask you for the password again.

The password is 8 digits long. It can contains numeric digits '0' through '9' and letters 'A' through 'F'. You need to obtain your unique password by contacting [technical support](#). Please be sure to write down your key, another 8 digit code, before you get your password.

Once you enter the correct password, you can have access to all of LeXpert's features.

## Quiz Control

Hooks

Anagrams

## **Reorder Dialog**

The Reorder Dialog lets you alter the order of letters by which anagrams are presented.

### **Anagram Order List**

This list shows the current order. A particular letter may be chosen by clicking the mouse over that letter. Once a letter is chosen, it can be moved with the help of the following buttons.

#### **Top Button**

Choosing this button moves the chosen letter to the top of the list.

#### **Up Button**

Choosing this button moves the chosen letter up by one position.

#### **Down Button**

Choosing this button moves the chosen letter down by one position.

#### **Bottom Button**

Choosing this button moves the chosen letter to the bottom of the list.

## Slide Show Control

List

Hooks

Anagrams

## **Slide Show Options Dialog**

The Slide Show Options Dialog lets you set parameters that control the time between words and answers when you are viewing a slide show.

### **Time Between Words Edit Field**

If you are viewing the contents of the current word list, the value in this field determines how long a word is shown (in seconds).

If you are viewing the hooks or anagrams of the current word, the value in this field determines how long the current word and its hooks/anagram are shown (in seconds) from the time the last hook/anagram was shown.

### **Time Between Answers Edit Field**

If you are viewing the contents of the current word list, the value in this field does not apply.

If you are viewing the hooks/anagrams of the current word, the value in this field determines the time between hooks/anagrams. If this value is set to 0, then the hooks/anagrams are shown along with the current word simultaneously.

Set this to 0 if you want a quick review of hooks/anagrams of the contents of a word list.

## Status Bar Options Dialog

The Status Bar Options Dialog lets you set options for viewing the Probability Factor and number of answers in the Status Bar.

## Word List Search Dialog

The Word List Search Dialog lets you search for words that match a given pattern, search for anagrams of words and build a list of words from the given set of letters. The words produced by these lists can be sorted alphabetically or by word length.

### Search Type

The three types of searches are the Pattern Search, the Anagram Search and the Build Search. Choose the type of search you are interested in.

### Sort By

The results of the search can be sorted alphabetically or by word length. If Alphabetical ordering is chosen, the words matching the search are shown alphabetically regardless of their length. If the Word Length ordering is chosen, the words matching the search are sorted by the length of the words. Within the same length, the words are sorted alphabetically.

### Input Edit Field

The pattern (letters 'A' through 'Z', '?' or '\*'), anagram (letters 'A' through 'Z', '?', or '\*') or build letters (letters 'A' through 'Z' or '?') are entered in this field.

### Clear Button

Choosing this button clears the input edit field and the list containing the resulting words from a search.

## Pattern Search

The Pattern Search is a powerful method to search for words matching a given pattern. The letters you can use in a pattern search can be anything from letter 'A' to letter 'Z', '?' or '\*'. The letter '?' stands for any letter from 'A' to 'Z' (wildcard). The letter '\*' stands for any number of letters ('A' to 'Z'), even 0 letters.

### Simple Pattern

A simple pattern contains only letters 'A' to 'Z'. If you are interested to know if a word is acceptable, type that word for the pattern. For example, if you wanted to know if OVEREASY is a valid word, type that in the Input Edit Field. Activate the Search button. When the search is complete, OVEREASY will be listed in the output list. In this method of search, if there is a match, there will be only one match.

Type in SEALION as the pattern and activate the search button. You will receive a message informing you that no matches were found.

### Fixed Length Patterns

Patterns under this category yield words that are of fixed length. If you are interested in finding 4 letters words that begin with the letters EX, type EX?? in the Input Edit Field. Examine the pattern you typed. Since E is the first letter and X is the second letter in the pattern, that assures us that the words that match this pattern will begin with EX. The third and fourth letter is ?; this indicates that any letter can be matched for the 3rd and 4th position. Activate the Search button. Some of the words that match this pattern are EXAM, EXES, EXPO, etc.

What pattern do you enter if you are interested in 5 letter words ending in IVE? We know the last 3 letters have to be IVE. It does not matter what the first 2 letters are. Hence, the pattern is ??IVE. Try it out. Some of the words that match this pattern are ALIVE, CHIVE, OLIVE, etc.

What pattern do you enter if you are interested in 6 letter words that begin with the letter C and end with the letter A? We know the first letter has to be C and the last letter has to be A. It does not matter what letters 2 to 5 are. Hence, the pattern is C????A. Try it out. Some of the words that match this pattern are CABANA, CAPITA, CONTRA, etc.

These examples demonstrate the power of using '?' as the wildcard character. Whenever you think of fixed length results, think of '?'.

### Complex Patterns

If you are interested in finding all words that begin with BLACK regardless of their length, how can it be done? We know that '\*' can be used to match any number of letters. Type BLACK\* in the Input Edit Field and activate the Search button. Some of the words that match this pattern are BLACK, BLACKEN, BLACKTOP, etc.

What pattern do you enter if you are interested in all words that end in JACK? We know that the last 4 letters have to be JACK. The number of letters in front of JACK does not matter to us. Hence, the pattern is \*JACK. Some of the words that match this pattern are BOOTJACK, JACK, SLAPJACK, etc.

What pattern do you enter if you are interested in all words that begin with RE and end in X? We know the first 2 letters have to be RE and the last letter has to be X. The number of letters between them does not matter. Hence, the pattern is RE\*X. Some of the words that match this pattern are REAFFIX, REWAX, REX, etc.

It is possible to combine the use of '?' and '\*' also. Let us say that you are interested in finding all words that contain the letter J as the second letter of the word. We know that the second letter of the pattern has to be J. The first letter can be any letter. That leaves us with only one choice for the first letter, '?'. We are not concerned about the number of letters after the letter J. Hence, the pattern is ?J\*. Some of the words that match this pattern are AJAR, DJIN, FJORD, etc.

As these examples demonstrate, the pattern search is very powerful.

**See also:** [Anagram Search](#)  
[Build Search](#)

## Anagram Search

The Anagram Search is a powerful method to search for anagrams of a given set of letters. The letters you can use in a pattern search can be anything from letter 'A' to letter 'Z', '?' or '\*'. The letter '?' stands for any letter from 'A' to 'Z' (wildcard). The letter '\*' stands for any number of letters ('A' to 'Z'), even 0 letters.

### Simple Anagram

A simple anagram contains only the letters 'A' to 'Z'. For example, if you wanted to find the anagrams of letters AGHILNU, type that in the Input Edit Field. Activate the Search button. When the search is complete, HAULING and NILGHAU will be listed in the output list.

Type in BUNGIES in the Input Edit Field and activate the search button. You will receive a message informing you that no matches were found.

### Fixed Length Anagrams

Let us say that you are interested in finding all 7 letter words that contain the letters OILERS. Type OILERS? in the Input Edit Field. Position of the letters does not matter when looking up anagrams. Activate the search button. Some of the anagrams are BOILERS, LOUSIER, RECOILS, etc. In this example, the letter '?' matches any letter.

What do you type if you are interested in finding all 6 letter words that contain the letters Q and C? Since 4 letters are unknown, there has to be 4 '?'. Hence, the letters you type are QC?????. Again, the order of the letters does not matter. Some of the anagrams are ACQUIT, CAIQUE, QUENCH, etc.

### Complex Anagrams

If you do not know the length of anagrams you are looking for but know what letters it needs to contain, use of '\*' will help. How do we find all words that contain the letters Q and J? Type QJ\* in the Input Edit Field. Some of the anagrams are JACQUARD, JONQUIL, QUILLAJA, etc.

**See also:**     [Pattern Search](#)  
                  [Build Search](#)

## Build Search

The Build Search is a powerful method to search for words that can be formed from a given set of letters. The letters you can use in a pattern search can be anything from letter 'A' to letter 'Z', or '?'. The letter '?' stands for any letter from 'A' to 'Z' (wildcard).

### Simple Build

A simple build contains only letters 'A' to 'Z'. For example, if you wanted to find all the possible words that can be built from the letters IINNOOT, type that in the Input Edit Field. Activate the Search button. When the search is complete, IN, NOTION, ONION, TO are some of the words listed in the output list.

Type in BUZ in the Input Edit Field and activate the search button. You will receive a message informing you that no matches were found.

### Complex Build

If you wanted to find all the possible words from the letters EEEEPS? (? stands to match any letter), type it in the Input Edit Field and activate the search button. Some of the words built from those letters are JEEPS, PEEWEES, TEEPEES, VEEPEES, etc.

**See also:**     [Pattern Search](#)  
                  [Anagram Search](#)

## Welcome Dialog

The Welcome Dialog is shown as soon as the program has finished loading. This dialog is not shown if you have disabled the Show Welcome option.

This dialog shows a randomly chosen tip. You can view more tips by choosing the *Next Tip* button.

## Custom List Dialog

The Custom List Dialog lets you create a custom list, setting your own search conditions. This happens when this dialog is chosen by activating the *File/New Custom List...* menu item.

The Custom List Dialog lets you customize the current list also. This happens when this dialog is chosen by activating the *Edit/Customize...* menu item.

You start a search by specifying conditions for that search. The words that meet your conditions are shown in the *Search Results* list. Please keep in mind that it can hold and show a maximum of 32,000 words only. Hence, when you start a new search, it is important that your search result is less than 32,000 words. If you can start your word search by specifying a fixed length of words, it will end in less than 32,000 words.

When the number of words in the *Search Results* list is 0, the entire lexicon is searched. You can choose the *New Search* button to start a new search also. If the number of words is more than 0, then the *Search Results* list is searched.

With all the types of searches available, you can create so many kinds of lists! Use your imagination and try to create different lists.

Following are the categories and search types available:

### **Pattern Category**

Pattern

Beginning

Beginning 2

Compound

Consonant Vowel

Cryptogram

Ending

Ending 2

Sub Word

### **Jumble Category**

Anagram

Build

Contains

Contains Any

Contains Exact

Num Anagrams

### **Extension Category**

Front

End

Front and End

### **Others Category**

Num Vowels

Probable

Total Points

Word Length

## Pattern Custom List Search

Specify a pattern for search. A to Z, ? (matches any character A-Z), \* (matches any number of characters, including 0) are allowable characters.

To find all the 4 letter words that begin with B and end in R, type **B??R**.

To find all the 7 letter words that end with U, type **?????U**.

To find all the words that begin with REQ, type **REQ\***.

To find all the words that end with IZE, type **\*IZE**.

To find all the words that begin with Q and end with S, type **Q\*S**.

## Beginning Custom List Search

Specify a beginning pattern for search. A to Z, ? (matches any character A-Z), \* (matches any number of characters, including 0) are allowable characters.

To find words that begin with EQ, type **EQ**.

To find words that begin with R and contains Z in the third place, type **R?Z**.

## Beginning 2 Custom List Search

Specify two beginning patterns for search. Words that begin with the first pattern are found first. From those words, the first pattern is removed and the second pattern is substituted. If the resultant word is a legal word, then the original word (that began with the first pattern) is kept. A to Z are allowable characters.

To find words that begin with PRE as well as RE, type **PRE** and **RE**. Only the words that begin with PRE are shown. Words like PREACH (REACH), PREACT (REACT) are shown.

To find words that begin with FIRE as well as ICE, type **FIRE** and **ICE**. Words like FIREBOAT (ICEBOAT), FIREMAN (ICEMAN) are shown.

### How can you find words that take S as a front hook?

Start a new search. Type nothing in Begin Pattern 1 and **S** in Begin pattern 2 and start a search. This shows words like ACRED (SACRED), ADDLED (SADDLED), etc.

## **Compound Custom List Search**

Specify the minimum length of the left part and the minimum length of the right part of the word.

To find words like BACKCHAT and WARDROOM, bring all the 8 letter words first and then type 4 and 4 for minimum left length and minimum right length.

## Consonant Vowel Custom List Search

Specify the consonant vowel pattern for the word. Letters C (for consonant), V (for vowel) and ? (for any letter) are the only letters allowed.

To find 4 letter words that begin with a consonant and the rest being vowels, type **CVVV**. Words like LIEU and NAOI are found.

## Cryptogram Custom List Search

Specify the cryptogram pattern. A to Z are the only letters that are allowed. For example, the word CATCH may be encrypted as XYZXQ. If you input the pattern **XYZXQ**, CATCH is one of the words that is found.

This can be used for palindrome (the word reads the same when spelled backwards) word searches also. Typing **XYZZYX** gets words like PULLUP and TERRETS.

## Ending Custom List Search

Specify an ending pattern for search. A to Z, ? (matches any character A-Z), \* (matches any number of characters, including 0) are allowable characters.

To find words that end with EAU, type **EAU**.

## Ending 2 Custom List Search

Specify two ending patterns for search. Words that end with the first pattern are found first. From those words, the first pattern is removed and the second pattern is substituted. If the resultant word is a legal word, then the original word (that ended with the first pattern) is kept. A to Z are allowable characters.

To find words that end with EY as well as Y, type **EY** and **Y**. Only the words that end with EY are shown. Words like BONEY (BONY), JOKEY (JOKY) are shown.

### **How can you find 5 letter words that end in S but without the S, those words are not 4 letter words?**

Start a new search.

Choose Pattern search.

Type **?????** and choose Search (gets all the 5 letter words).

Choose Ending search.

Type **S** and choose search (all the 5 letter words that end in S).

Choose Ending 2 search.

Choose Not Matching Conditions.

Type **S** in End Pattern 1 and nothing in Begin Pattern 2 and choose Search.

## Sub-word Custom List Search

This search finds words that contain sub words of a given length.

To find words like MANSLAUGHTER (MANS + LAUGH + TER), AGGRANDIZING (AG + GRAND + IZING), bring in all the 12 letter words and set the sub word length as **5**.

## Anagram Custom List Search

This search finds words that include all the given letters in any position. A to Z, ? (matches any character A-Z), \* (matches any number of characters, including 0) are allowable characters.

To find all the words that are anagrams of EOPRST, type **EOPRST**.

To find all the 7 letter words that contain SINGER, type **SINGER?**.

To find all the words that contain the letters J and Q, type **JQ\***.

## Build Custom List Search

This search finds words that can be built from the given letters (in any position). A to Z and ? (matches any character A-Z) are allowable characters.

To find all the words (of various length) that can be built from AENQRST, type **AENQRST**.

To find all the words (of various length) that can be built from AENQRST and a blank letter (wildcard), type **AENQRST?**.

### How can you find all 8 letter words that do not contain any repeating letter?

Start a new search.

Choose Pattern category and Pattern search.

Type **????????** and choose Search (gets all the 8 letter words).

Choose Jumble category and then Build search.

Type **ABCDEFGHIJKLMNPOQRSTUVWXYZ** and choose search.

### How can you find all 7 letter words that contain at least one repeating letter?

Start a new search.

Choose Pattern category and Pattern search.

Type **????????** and choose Search (gets all the 7 letter words).

Choose Jumble category and then Build search.

Choose Not Matching Conditions.

Type **ABCDEFGHIJKLMNPOQRSTUVWXYZ** and choose search.

## Contains Custom List Search

This search finds words that include all the given letters in any position. A to Z are allowable characters. To find all the words that contain EOPRST, type **EOPRST**. This is similar to an [Anagram Search](#) with **EOPRST\***.

## Contains Any Custom List Search

This search finds words that include any of the given letters in any position. A to Z are allowable characters.

To find all the words that contain either J or Q or X or Z, type **JQXZ**.

## Contains Exact Custom List Search

This search finds words that contain exactly the number of given letters (in any position). A to Z are allowable characters.

To find all the words that contain exactly 2 Es and 2 Rs, type **EERR**. Keep in mind that letters other than E and R can occur any number of times (even 0). Word like AUSTERER and PUREBRED match this search condition.

## Num Anagrams Custom List Search

This search finds words whose number of anagrams is between minimum and maximum. This search is probably one of the slowest searches. Try it on small lists before trying something big.

To find all the 4 letter words that contain 3 anagrams, bring up all the 4 letter words and specify **3** and **3** for the number of anagrams.

## End Custom List Search

This search finds words that have the specified number of end extensions.

To find all the 3 letter words that can take a front hook, bring up all the 3 letter words and specify **1** for the number of letters.

To find all 5 letter words that can be extended by 3 letters in the end, bring up all the 5 letter words and specify **3** for the number of letters.

## Front Custom List Search

This search finds words that have the specified number of front extensions.

To find all the 4 letter words that can take a front hook, bring up all the 4 letter words and specify **1** for the number of letters.

To find all the 5 letter words than be extended by 3 letters in the front, bring up all the 5 letter words and specify **3** for the number of letters.

## Front and End Custom List Search

This search finds words that have the specified number of front and end extensions.

To find all the 4 letter words that can be extended by 2 letters in the front and 2 letters in the end (the 4 letter word is sandwiched), bring up all the 4 letter words and specify **2** and **2** for the number of front and end letters.

## Num Vowels Custom List Search

This search finds words with number of vowels between the minimum and maximum.

To find all the 3 letter words that contain 3 vowels, bring up all the 3 letter words and specify **3** and **3** for the number of vowels.

## Probable Custom List Search

This search finds words that are between the specified indices after the list is arranged by probability.

To find the top 500 (based on probability) 5 letter words, bring up all the 5 letter words and specify **1** and **500** for the starting and ending index.

## Total Points Custom List Search

This search finds words whose total points are between the specified minimum and maximum. The point values for the letters are A(1), B(3), C(3), D(2), E(1), F(4), G(2), H(4), I(1), J(8), K(5), L(1), M(3), N(1), O(1), P(3), Q(10), R(1), S(1), T(1), U(1), V(4), W(4), X(8), Y(4) and Z(10).

To find 7 letter words whose total points are between 18 and 50, bring up all the 7 letter words and specify **18** and **50** for the minimum and maximum points.

## Word Length Custom List Search

This search finds words that have lengths between the minimum and maximum.

To find all the words whose length is between 2 and 4, type **2** for the minimum and **4** for the maximum.

## Predefined Lists Dialog

The Predefined Lists Dialog lets you select a list from more than 3000 predefined lists. All the available word lists are categorized based on word length and other characteristics.

### Category List

There are 17 categories. There is one category for each of the word lengths 1-15. They are named *1Letter*, *2Letter* and so on. There is an *All* category which includes all the word lengths. The *Feb96Words* category includes words added to the lexicon in February, 1996.

The Category listbox shows the currently chosen word list Category. To change the category, choose the category you want.

### Subcategory

The Subcategories depend on the chosen Category. Following are some examples:

General

Begin

Compound

ContainsLetter

End

EndLetter

Not2to3

NumAnagrams

NumVowels

Probable

StemHighProb6

StemOtherProb6

SubWord

%Tiles

### List

This shows the collection of available list names. You can sort the names by verifying that *Sort List Names* is checked.

## General Subcategory Predefined Lists

This contains lists for all the words of given length (for categories 1Letter to 15Letter) as well as lists of words (of given length) that begin with all the letters of the alphabet.

For example, *3Letter.General.B*, stands for all 3 letter words that begin with the letter B (BAT, BAG, etc.). A word list *All* in this category, *3Letter.All*, stands for all 3 letter words.

## **Begin Subcategory Predefined Lists**

This contains lists of words that have the list name as the beginning pattern.

For example, *7Letter.Begin.PRE* stands for all 7 letter words that begin with the letters PRE (PREFERS, PREPAID, etc.).

## Compound Subcategory Predefined Lists

This contains lists of words that are compound words. Examples of compound words are FIREBOAT (FIRE + BOAT), BLUEWEED (BLUE + WEED), etc. The program just checks if the compound parts (FIRE, BOAT, BLUE, WEED) are words by themselves. As a result, you may see words that you probably wouldnt have considered as compound words.

For example, *8Letter.Compound.Min3Letters* stands for all the 8 letter words that are compound and the minimum length of the compound part is 3 letters.

## **ContainsLetter Subcategory Predefined Lists**

This contains lists of words that contain the letter specified by the list name.

For example, *5Letter.ContainsLetter.Z* stands for all the 5 letter words that contain the letter Z in any position.

## **End Subcategory Predefined Lists**

This contains lists of words that have the list name as the ending pattern.

For example, *8Letter.End.ARY* stands for all the 8 letter words that end with the letters ARY.

## **EndLetter Subcategory Predefined Lists**

This contains lists of words that end with the letter specified by the list name.

For example, *3Letter.EndLetter.M* stands for all the 3 letter words that end with the letter M.

## **Not2to3 Subcategory Predefined Lists**

Subcategories of this type (Not2to3, Not3to4, etc.) stand for words that are not 2 to make 3, 3 to make 4, etc.

For example, the word list *3Letter.Not2to3.K* contains 3 letter words (beginning with K) that are not formed by hooking any 2 letter word (KEA, KEG, etc.). KAE is not part of the list because it can be formed by hooking K in front of the 2 letter AE or by hooking E after the 2 letter word KA. KEA is part of the list because KE and EA are not legal 2 letter words.

## **NumAnagrams Subcategory Predefined Lists**

This contains lists of words that contain the number of anagrams specified by the list name.

For example, *8Letter.NumAnagrams.3* stands for all the 8 letters words that have 3 anagrams (ANORETIC - CREATION - REACTION, .AUNTLIER - RETINULA - TENURIAL, etc.).

## **NumVowels Subcategory Predefined Lists**

This contains lists of words that contain the number of vowels specified by the list name.

For example, *7Letter.NumVowels.4* stands for a list that has 7 letter words containing 4 vowels (ETESIAN, ROSEATE, etc.).

## Probable Subcategory Predefined Lists

This contains lists of words that have been arranged by probability (see [Probability Factor](#)).

For example, the word list *7Letter.Probable.1-1000* contains the top 1000 seven letter words based on their probability.

## **StemHighProb6 Subcategory Predefined Lists**

This contains lists of words that can be made from High Probability 6 letter stems.

For example, *7Letter.StemHighProb6.SATINE* stands for all 7 letter words that contain the letters S, A, T, I, N and E in any position (RETINAS, SEXTAIN, etc.).

*7Letter.StemHighProb6.All* stands for all the words that can be formed from all the stems in this subcategory. Duplicate words are eliminated.

## **StemOtherProb6 Subcategory Predefined Lists**

This contains lists of words that can be made from non High Probability 6 letter stems.

For example, *8Letter.StemOtherProb6.CLEARs* stands for all 8 letter words that contain the letters C, L, E, A, R and S in any position (LOCATERS, SCARCELY, etc.).

## **SubWord Subcategory Predefined Lists**

This contains lists of words that contain sub words of given length.

For example, *9Letter.SubWord.Chain2Letter* stands for all 9 letter words where the consecutive letters are legal 2 letter words (SHORELINE, DOMINATOR).

*12Letter.SubWord.Any5Letter* stands for 12 letter words which contain a sub word of 5 letters long (MANSLAUGHTER - MANS + LAUGH + TER, AGGRANDIZING - AG + GRAND + IZING).

## **%Tiles Subcategory Predefined Lists**

This contains lists of words that can be made drawing letters whose probability of being drawn is more than the percentage specified by the list name.

For example, *8Letter.%Tiles.3* stands for all 8 letter words made from letters whose probability of being drawn is 3% or higher.

