

# DAWG v1.0

by Kirk Meyer

## Important Notice

This version does not contain hangman or any other word games. I will try to add these as I find time and motivation. **Please do not email asking when they will be added.** To show your appreciation of this program, please consider [making a donation](#). Something like \$5 might be nice. What do you get for donating? Knowing that you've donated, as well as a priority email address that I actually check more than once a week.

You may also make a donation or send postcards here:

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## Introduction

DAWG is a spell checker for your TI-83+ or TI-83+ Silver Edition. It also features puzzle solver, anagram maker, and word families. The application is somewhat large, but it does contain about 40,000 words in its word list.

## Installation

Send the "dawg.8xk" file to your calculator using a graph link. You must have a link; applications cannot be typed in by hand.

To begin, press [APPS] and then select "DAWG" from the list. The application always starts in spell checking mode. To access the main menu, push CLEAR now. Each mode is explained below.

In general, enter words by simply typing them on the keypad; ALPHA is locked on while you type. If you make a mistake, push DEL or the left arrow. When you wish to search, push ENTER (or, in some cases, [2nd] ENTER, as explained below).

To scroll through the results list, use the up and down arrow keys. To scroll a page at a time, use [ALPHA]Up and [ALPHA]Down. You may enable A-LOCK and then hold down Up or Down to scroll through many pages quickly. When you are done looking at choices, press CLEAR to enter another word.

You may press [2nd]QUIT at any time to exit the application.

How much RAM you have free will affect the number of results that DAWG is able to return. If you would like more results, try freeing some RAM. With a totally empty RAM, DAWG returns more than 2500 results (if there were that many results for your search). Even with low memory, however, DAWG will return at least about 50 results.

## Spell Checker

Enter the word you would like to spell check and press ENTER. If you have correctly spelled your word, you will be notified; otherwise, up to eight suggestions will be offered. DAWG may, in some cases, suggest splitting words into two.

If the spell checker tells you that you spelled a word correctly, but you know that you have misspelled it (for example, REED but you want READ), you may instead push [2nd]ENTER after you have entered your word. This will *always* show you suggestions.

## Puzzle Solver

The puzzle solver allows simple wildcard searches of the word list. It may be used for assistance in crossword puzzles and similar word games. Enter a word, using ? (located on the (–) key) in the place of any unknown letters. Push ENTER when done. The application will show a list of matching words.

You may also add a wildcard \* at the end of your word. This is accomplished by pushing [2nd]ENTER instead of ENTER when you are done entering your word. For example, entering "B?D" and then [2nd]ENTER is like a wildcard search for "B?D\*", and will yield BAD, BADE, BADGE, BADGER, and so on.

## Anagram Maker

The anagram maker is primarily for fun, and will show you how the letters of your entry can be rearranged to form single words. For example, entering TEXAS will return both TEXAS and TAXES.

If you push [2nd]ENTER instead of ENTER in this mode, the application doesn't require all of the letters to be in the anagrams; for example, entering TEXAS and then pushing [2nd]ENTER will add words such as AXES and EATS (which use only 4 of the letters), SEA and AXE (which use only 3), and so on.

## **Word Families**

This will allow you to quickly see the various forms of a word. For example, entering SWIM will produce SWIM, SWIMMER, SWIMMING, SWIMSUIT, and so on. This mode does not have any special functionality if [2nd]ENTER is pushed.

## **Word List**

The word list used by this program is a combination of multiple word lists, trimming techniques, as well as editing by hand. All of the word lists that were used are free for use.

## **Disclaimer**

This program is being provided to you for your use, free of charge. You may distribute it freely, but it may not be resold without prior written permission of the author. The program has been tested extensively. Nevertheless, it may still contain bugs which may adversely affect the performance of your calculator. In such a case, you agree that you will not hold me responsible for any such damages.