

Default

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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

Default

1.1 OwnWords

OwnWords dokumentation

-
Shareware

Intoduction

Usage

ARexx commands

Making a dictionary

External utilities

Example dictionary

External Prefs editor

Author

History

Made commonly in Debrecen, Hungary.

Gega
'96

1.2 OwnWords / Shareware

Shareware

This program is shareware with limitations in search range. You can't

searches words in a database, only that's begins 'A', 'K' or 'V' letters. The price of this stuff is only 10.- DM, if you have an e-mail address. If you register, you'll get all of the updates until a total rewriting.

1.3 OwnWords / Introduction

Intoduction

This is a simple dictionary searcher program, but its have some important functions what're missing from another tools

Features:

- Extremely short size (less than 40 Kb)
- Very fast search method (under 1/2 sec)
- The utility is a commodity
- Powerful
 - ARexx commands
 - Variable memory requirements
- Font sensitive and resizeable GUI
- Easy to open any PubScreen
- All settings via
 - TOOLTYPE
 - s and .prefs file
- External
 - preferences
 - setting program
- Text editor support (CED, GED, BED, TED, PED)
- External conversion
 - utilities
 - for making your Own Dictionary
- Example
 - dictionary
 - (English <-> English slang)
- OS3.0+

IMPORTANT WARNING!

The stuff isn't complete yet! This is only a DEMO version! Use your own risk! The first final version coming in 4-6 weeks. You can download is from AmiNet, or from www.klte.hu/~gatig site.

1.4 OwnWords / Usage

Usage

If you want to know a word's meaning, just type it into the suitable string gadget, and you'll see some similar words in the listview gadget under your typing, and the most similar will highlighted by the program.

If you click a word in a listview gadget, it'll be near the same effect than you typed it in the string gadget above, but in this case the listview

under your pointer isn't modified.

Keyboard:

up and down arrows : Stepping in listview
left, right arrows : The same side's list will be active
shift + up,down : Fast up/down stepping (see: JUMPRATE
tooltpe)
space : Activate the string gadget above the
active listview
enter : Fill the selected listview
tab : Changing the listview active state

Menu:

Project/About : Information about the program and the
registration status
Project/Info : Információ about the loaded database
Project/Hide : Hide the GUI (use POPKEY to show it)
Project/Quit : Quitting

Prefs/Accent Sensitive : Accent sensitive in search (ü=u=û ?)
Prefs/Special Sensitive: Special chars sensitivity
(special chars = nothing "")
Prefs/Hide Inactive : If selected, and inactivate the window,
then it's the same effect like select
Hide menuitem
Prefs/Save Prefs : If selected, the program will overwrite
its prefs file in every quit
Prefs/Save Windowpos : If selected, th program will save its
window position and dimension in every
quit

Out of order from Menu:

Select database
Open
Simple/Inside/Wildcard search (only simple yet)
and the full Edit menu

TOOLTYPES:

CX_PRIORITY/N The priority of this commodity
CX_POPUP=YES/NO Popup window on startup?
CX_POPKEY/K Hotkey setting
PREFS/K Non-standard prefs file
DATABASE/K Startup database settings
POSX/N Window's Left Edge
POSY/N Window's Top Edge
HEIGHT/N Height of window
WIDTH/N Width of window
JUMPRATE/N Skiped lines number when pressing down
the shift and the up/down arrow buttons
LINEBUFF/N Linebuffer (you have to set it more than
the longest line in the database)
ACCENTSENS=YES/NO Accent sensitivity (ö=õ=o)
SPECSSENS=YES/NO Special sensitivity
HIDEINACTIVE=YES/NO Hide when inactive window

ASKQUIT=YES/NO	Are-you-sure question when quit
SAVEWINPOS=YES/NO	The program saves its dimensions on quit
SAVEPREFS=YES/NO	Saves its prefs file on quit
NUMBUFF/N	The number of search buffers
FONTNAME/K	The startup font name
FONTSIZE/N	And its size
PUBSCREEN/K	The Default PublicScreen

1.5 OwnWords / ARexx commands

ARexx commands

FIND
Searching

FREEBUFFER
Empty buffers

GETINFO
Getting info from database

GUI
GUI commands

PREFS
Preferences

QUIT
Exit the program

1.6 OwnWords / ARexx / FIND

FIND command

FIND Searching

WORD/K	Specify the word
FIRST/S	Search from the first dictionary
LAST/S	Search from the second dictionary
WIN/S	Update the GUI when find the word

RESULT The result of the searching (the meaning)

1.7 OwnWords / ARexx / FREEBUFFER

FREEBUFFER command

```
-----
FREEBUFFER                Empty buffers
-----
NUM/N                    Clear the specified buffer
ALL/S                    Clear all the search buffers
GUI/S                    Clear the GUI's buffers
```

1.8 OwnWords / ARexx / GETINFO

GETINFO command

```
-----
GETINFO                   Getting info from database
-----
NAME/S                    The full name of the loaded database
FIRSTLANG/S               The first language's name
LASTLANG/S                The second language's name
AUTHOR/S                  The author of the dictionary
REMARK/S                  The remark
WIN/S                     Popup a requester for the info

RESULT                    The requested info
```

1.9 OwnWords / ARexx / GUI

GUI command

```
-----
GUI                        GUI commands
-----
HIDE/S                    Hide GUI
FRONT/S                   Show GUI
PUBSCREEN/K                The program opens its window on the specified PubScreen
                          (this is not overwrite the PUBSCREEN setting on the
```

PREFS
command)

1.10 OwnWords / ARexx / PREFS

PREFS command

PREFS	Preferences
-----	-----
ACCENTSENS/S	Accent sensitive ON
NOACCENTSENS/S	OFF
SPECSSENS/S	Special sensitive ON
NOSPECSSENS/S	OFF
HIDEINACTIVE/S	Hide GUI when inactive ON
NOHIDEINACTIVE/S	OFF
ASKQUIT/S	Are-you-sure question when try to quit
NOASKQUIT/S	No question when quit
SAVEWINPOS/S	Save the dimension of window on quit
NOSAVEWINPOS/S	Don't save the window's dimension (except for SAVEPREFS is specified)
SAVEPREFS/S	Save all settings when quit
NOSAVEPREFS/S	Don't save settings
NUMBUFF/N	Number of search buffers
FONTNAME/K	Font name
FONTSIZE/N	Font size
PUBSCREEN/K	The Default PublicScreen

1.11 OwnWords / ARexx / QUIT

QUIT command

QUIT	Exit the program
-----	-----
FORCE/S	Quit without asking anything

1.12 OwnWords / Making a dictionary

Making a dictionary

The format of the dictionary:

```
keyword:meaning1[/meaning2/ .. /meaningN]\n
```

For example:

```
...
mumus:bugaboo/bogay-man/bugbear
...
```

You can find a dictionary database usually in dBase DBF format, on an IBM PC. So you'll need some utility to convert it to ascii. You can use the LSDBCONV or the dbf2asc package (the second one is on the AmiNet). If you

use the `dbf2asc` utility to convert it to `ascii`, you'll get the following output:

(if you wrote 58 on the field separator gadget)

```
...
"mumus":"bugaboo"
"mumus":"bogay-man"
"mumus":"bugbear"
...
```

You need to eliminate the `"-s`. Use a text editor's `replace` function for this job. So, you get something like this:

```
...
mumus:bugaboo
mumus:bogay-man
mumus:bugbear
...
```

At the first step, you may create the opposite dictionary with the `ops` utility, if you need this action.

Now you have to sort this with the `srt` util, after sorting, you have to optimize the redundant keywords with the `opt` util. At last, you need an index for searching, you can generate this with the `ind` util. You find these utils in the `Utils` directory. Finally you have to write the `*.dic` info file, and put the results on a directory somewhere on your HD ←

Now I am working on a `DBF` to `ascii` converter. I'll finish this work in a week.

1.13 OwnWords / External utilities

External utilities

`opt` Replaces the redundant keywords from a database

`srt` Sorting large text files on disk

```

ind
        Create index for the search engine
-----

```

```

ops
        Opposite dictionary creator
-----

```

1.14 OwnWords / External utilities / Opt

Opt util

```

opt
        Replaces the redundant keywords from a database
-----

```

```

opt infile [>outfile] [options/switches]

```

```

-a size      Async buffer size in Kb (default: 32 Kb)
-l size      Line buffer size in bytes (default: 1024 )
-t code      Key terminator character's ascii code (default: 58 ':')
-q          Quiet mode
-h          Small help text

```

This is a small utility for eliminate the redundant keywords from a database. For Example:

Original:

```

...
mumus:bugaboo
mumus:bogay-man
mumus:bugbear
...

```

After opt:

```

...
mumus:bugaboo/bogay-man/bugbear
...

```

That's all.

1.15 OwnWords / External utilities / Srt

Srt util

```

srt
        Sorting large text files on disk
-----

```

```

srt <infile [>outfile] [options/switches]

```

```

-d num      Sort terminator (default: 58 ':')
-m size     Maximum memory usage (default: All)
-l num      Maximum number of lines in memory (max:80000)
-q          Quiet mode
-h          Small help text

```

This is a little tool for sorting file stream from stdin to stdout in a quick way.

WARNING!

You have about twice free space on HD than the original file for the temp files!

This program designed for dictionary sorting, so if you want to sort normal text files, you have to use the '-d 10' option, to avoid crashes. This setting tell the program to compare two lines until a '\n'.

1.16 OwnWords / External utilities / Ind

Ind util

```
ind          Create index for the search engine
```

```
ind infile [>outfile] [options/switches]
```

```

-a size     Async buffer size in Kb (default: 32 Kb)
-t code     Key terminator's ascii code (default: 58 ':')
-n size     Minimum size of an index node in Kb (default: 1 Kb)
-x size     Max difference from -n size in bytes (default: 1024)
-q          Quiet mode
-h          Small help text

```

This is an important util for searching. The format of the index is near the following:

```

...
ina:00567811
inva:00568843
io:00575262
...

```

When you search a word, the whole intervall has been loaded in two index line, like: you searches 'invalid' the 568843-575262 intervall will be loaded into memory. And you can specify the minimum size of this intervall with the -n option. With the -x, you can specify the maximum difference from the above specified intervall size.

1.17 OwnWords / Author

Author

Snailmail:

Bp. 1093. Bakáts u. 1-3.

or:

Debrecen, 4032. Vezér u. 35.

Anyway I'm Gáti Gergely (Gega)

e-mail: gatig@dragon.klte.hu

irc: #hungary or #amigahu (glue)

If you like or dislike the orange juice, just write...

1.18 OwnWords / History

History

Wednesday 04-Dec-96

V1.0 DEMO version

1.19 OwnWords / Making a dictionary / *.dic format

*.dic format

```

Angol-Magyar Magyar-Angol szótár           // Full name of dictionary
English                                     // First language
PROGDIR:Data/a-m.dat                        // Database file 4 1st lang
PROGDIR:Data/a-m.index                     // Index file 4 1st lang
PROGDIR:Accents/american.accent           // Accent file 4 1st lang (unused)
PROGDIR:Locale/English.locale             // Locale file 4 1st lang (unused)
Hungarian                                   // Second language
PROGDIR:Data/m-a.dat                       // Database file 4 2nd lang
PROGDIR:Data/m-a.index                     // Index file 4 2nd lang
PROGDIR:Accents/hungarian.accent          // Accent file 4 2nd lang (unused)
PROGDIR:Locale/Magyar.locale              // Locale file 4 2nd lang (unused)
No author                                  // Author
No remark                                  // Remark
0                                           // Keep 0!!

```

The name of the required *.dic file is in the *.prefs file, what you can put in the S:, ENV:, or PROGDIR:.

1.20 OwnWords / External utilities / Ops

Ops util

ops Opposite dictionary creator

ops infile [>outfile] [options/switches]

```
-t code      Key terminator's ascii code (default: 58 ':')
```

```
-m code      The field separator's ascii code (default: 47 '/')
```

```
-q           Quiet mode
```

```
-h           Small help text
```

It makes the opposite of a dictionary. The result'll need a sorting and optimizing.

Original dictionary:

```
...
run:fut/rohan/szalad
...
```

Opposite dictionary (after ops):

```
...
fut:run
rohan:run
szalad:run
...
```

1.21 OwnWords / Example dictionary

About the example dictionary

In the Data drawer you'll find the example dictionary. This is an English-English slang dictionary. It's not a full one, but you can test the program with it.

1.22 OwnWords / External Preferences editor

About the external preferences editor

In the main directory you can find a tool called OWprefs. This is the preferences editor of the main program. It have easy-to-use GUI, and works with the same prefs file as the main program as default.

Usage:

At start-time, the editor loads the found prefs file. (From ENV:, S: or PROGDIR:) If you use a prefs from another locaton, you have to use the Project menu / Open item to load it. The Save menuitem saves the file at the same place, or if the load path is ENV: then the save path will be the ENVARC:.

After loading, you can specify the options. The options are the same as the

TOOLTYPE
-s.