

# **ReKeyIt**

Michael Barsoom M.D.

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**COLLABORATORS**

|               |                           |                   |                  |
|---------------|---------------------------|-------------------|------------------|
|               | <i>TITLE :</i><br>ReKeyIt |                   |                  |
| <i>ACTION</i> | <i>NAME</i>               | <i>DATE</i>       | <i>SIGNATURE</i> |
| WRITTEN BY    | Michael Barsoom<br>M.D.   | February 24, 2025 |                  |

**REVISION HISTORY**

| NUMBER | DATE | DESCRIPTION | NAME |
|--------|------|-------------|------|
|        |      |             |      |

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## Chapter 1

# ReKeyIt

### 1.1 ReKeyIt

```

~~~~~
                        ReKeyIt v2.4a
                        'Shareware'
Copyright © 1994-95 by Michael Barsoom M.D.
~~~~~

```

Workbench menu shortcut changer.

|                        |                             |
|------------------------|-----------------------------|
| License and Disclaimer | Legal Issues & Registering  |
| What does it do        | ReKeyIt features            |
| Shareware              | How to register             |
| Requirements           | Hardware requirements       |
| Installation           | How to install the program  |
| Using ReKeyIt          | How do I use it.            |
| ToolTypes              | Customizing ReKeyIt         |
| Notes                  | Some extra information      |
| Questions              | These are not bugs          |
| Sample Prefs file      | Example to get you started. |
| Using MenuPrefs        | Using the prefs editors.    |
| Author Info            | How to reach me             |
| Program History        | What has changed.           |
| Locale Support         | Who is to blame.            |

### 1.2 License and Disclaimer

-- License --

ReKeyIt may be freely distributed as long as no charge is made other than to cover time and copying costs. If it is to be distributed via floppy disk, this cost should be no higher than \$3.00 (three) dollars US. If distribution is via CDROM, the total cost should be no more than \$25.00 (twenty-five) dollars US.

---

You may not copy and/or distribute this program without the accompanying documentation unless you get permission from the author to do so. Fred Fish and AmiNet already have my permission to include this program on their CDROM collections.

You may not disassemble, decompile, re-source or otherwise reverse engineer the program. If you wish to incorporate parts of this program into other programs, write to the author to ask for permission.

Finally if you wish to include ReKeyIt on a disk magazine you are REQUIRED to get the author's permission FIRST. Usually this will require you to just send me a copy of the issue which contains ReKeyIt free of charge.

--+ Disclaimer --+

This product is sold "as is" without representation or warranty of any kind, either expressed or implied. The user assumes all risks and responsibilities related to its use.

### 1.3 How to register

--+ Registering --+

ReKeyIt is being released under the concept of 'Shareware'. This does not mean that it is free. If you use ReKeyIt on regular basis you are required to send the author what you feel is adequate as 'payment' for ReKeyIt.

If you have no idea you could send me any of the following:

- 1) \$5 - \$10 (five to ten) dollars US
- 2) A fully registered version of a program that you have written which is comparable to ReKeyIt

See Author Info, for my address.

+ Special thanks to the following for their gifts.

Olaf 'Olsen' Barthel  
Jan van den Baard  
Nigel Donaldson  
Jen Allen  
Daniel Lundqvist  
Stefan Becker  
Kai Iske  
Stefe Pojouss

### 1.4 What does ReKeyIt do?

Who was it that decided which menuitems on Workbench should get keyboard shortcuts. It was not me, and if I did I would have definately done it different.

---

This is where ReKeyIt comes in. ReKeyIt allows you to change the keyboard shortcuts for the Workbench menu items to what ever you want. You can even add shortcuts to the items in the Tools menu.

Also with ReKeyIt, is the prefs editor MenuPrefs. This lets you edit Workbench's keyboard shorcuts using a nice preference style GUI.

Starting with ReKeyIt v1.3, you can use both ReKeyIt and MenuPrefs in your preferred language.

Starting with v2.1, ReKeyIt is a full commodity. The changes you make will survive both screen mode changes and calls to ResetWB. You can toggle between the default shortcuts and the user specified ones just by activating or deactivating the commodity.

## 1.5 Requirements

The following items are required to make ReKeyIt work

- 1) Workbench 2.0+

Depending on which version of MenuPrefs you choose to use, you will need one of the following:

- 1) BGUI library v1.1+ (© Jan van den Baard) Not Included  
or
- 2) MUI  
or
- 3) gtlayout library v1.4+ (© Olaf 'Olsen' Barthel) Included

NOTE: If any of the required libraries are missing, ReKeyIt and MenuPrefs will refuse to run. There will be no warnings or error requesters.

## 1.6 Installing ReKeyIt and MenuPrefs

-- Installing ReKeyIt --

The easiest way is to place ReKeyIt in your WBStartup drawer.

-- Installing MenuPrefs --

There are two versions of MenuPrefs. One which uses MUI and the other which uses BGUI. They both function identically, just choose the interface you prefer and copy the coresponding version of MenuPrefs where every you wish. I suggest that you place it in your SYS:Prefs directory. I also recommend renaming which every one to choose to just 'MenuPrefs'

-- Changing the Language --

If you wish to use ReKeyIt in a different language, just copy the

---

corresponding catalog to your locale: directory.

## 1.7 Using ReKeyIt

ReKeyIt is very simple to use. All you need to do is make a prefs file defining what you want the menu shortcuts to be. ReKeyIt will, by default, load `S:ReKeyIt.menus`. The following is the format of this file. You can use `MenuPrefs` to make this file.

Each line in the config will describe a menu item or subitem, and the shortcut key it should have. You should use the following format for each entry.

```
Menu/A,Key/K
```

MENU

This is the name of the menu item or subitem. This needs to be written exactly as it appears in the Workbench menus. Case is sensitive, and if there are spaces it should be enclosed in quotes.

KEY

This describes the keyboard shortcut. Follow this keyword with the key you wish to use. If you are trying to remove a shortcut, just omit this option.

Examples

```
"Backdrop"          - remove the shortcut key from the BackDrop item  
"Delete..." Key "D" - add the shortcut "D" to the Delete... menu item
```

Please see the include sample prefs file.

--+ The commodities interface +-

ReKeyIt can be controlled by the commodities exchange.

If you deactivate it, the menus will be restored to the defaults.  
If you reactivate it, your preferred menus will appear.

If you show it, ReKeyIt will launch `MenuPrefs`.  
If you hide it, ReKeyIt will signal `MenuPrefs` to quit.

You can also set up a hotkey to launch `MenuPrefs`.

Please see `ToolTypes` for configuring the hotkey and prefs location.

--+ Bonus +-

If you wish to make several different configs, you can add an icon to the prefs file and specify ReKeyIt as the default tool. Now all you have to do is double click on the project icon of the config.

## 1.8 ToolTypes

---

ReKeyIt understands the following tooltypes

#### CONFIG

The is the full path and name of the config file ReKeyIt should use.  
If this is not specified, ReKeyIt will use "S:ReKeyIt.menu"

#### CX\_PRIORITY

This is a standard system tooltype, please consult your Workbench manual for an explanation

#### CX\_POPKEY

Standard tooltype for defining the hotkey to pop up the prefs editor.  
default is "Control LAlt r". Please note no errors will be given if the hotkey string is invalid.

#### PREFSPATH

Full path for finding MenuPrefs. If you keep MenuPrefs in a place other than "SYS:Prefs/MenuPrefs" you need to define this tooltype or ReKeyIt will not be able to find it.

## 1.9 Notes on usage

-- Notes about changing the menus --

When you load a prefs file, ReKeyIt and MenuPrefs first reads the current menu structure, and then affects the changes decribed in the prefs file. For example, any menuitem not specified in the prefs file, it will not be changed.

You cannot add keyboard shortcuts to the menu Titles or to menu Items which have subitems attached, as this would not make sence

Users of Nico Francois' ToolsDaemon. You cannot add shortcut keys to the ToolsDaemon menus. If you wish to add shortcut keys to them you need to do it with ToolsPrefs not ReKeyIt.

## 1.10 Using MenuPrefs

-- Using MenuPrefs --

Usage of MenuPrefs is pretty self explanatory. The list view contains the current menus. Just select the menu item, and type the shortcut key in the string gadget. Or erase the key specified in the string gadget to remove it.

The Gadgets:

Save

will change the menus to the current setting and save the current settings as S:ReKeyIt.menu

Use

---

will change the menus to the current settings (only if ReKeyIt is running and active), but will not save them to disk.

Cancel

ignore all changes

Rescan Menus

rereads the current menus, in case something changed (for example if you've added or removed a menuitem from the tools menu.

The Menus:

Open

opens a filerequester so you can pick a prefs file to open

Save As

opens a filerequester so you can pick a name to save the prefs file as

About

copyright and version information

Quit (Prefs & Server)

quit the prefs program and tell ReKeyIt you want it to quit also

Quit

quit just the prefs program

Reset to Defaults

If ReKeyIt is running, selecting this menu item will restore the menuitems listed in the listview to their defaults.

Last Saved

reads the file S:ReKeyIt prefs.

Delete Item

delete the currently selected item from the listview. If the current item has sub items all the subitems will also be deleted

Add Item

add another item to the list. This is usefull if you want to add a Tools menu item, which does not appear in the current menus

Create Icons

When you save a file with 'Save As...' an icon will be added to the prefs file with the default tool being 'ReKeyIt'

## 1.11 Frequently asked questions

1) When I run MenuPrefs I get a requester saying the ReKeyIt is terminating.

Your using a version of ReKeyIt which is too old for MenuPrefs. You need to upgrade to a newer version of ReKeyIt

---

## 1.12 Author

Please send bugs reports, suggestions or shareware fees to the following.

```
-- Until June 10 1995
Michael Barsoom
5524 Pine Street
Omaha NE 68106
USA
```

```
-- After June 10 1995
Michael Barsoom
40 Scott Drive
Bloomfield, CT 06002
USA
```

Alternatively I can be reached at the following e-mail address

```
Internet: mbars@bluejay.creighton.edu
```

S-s-s-s-smokin'

I would like to thank Jan van den Baard for all his help in creating the BGUI version of the prefs editor.

I would also like to thank Kai Iske for suggestion on improving ReKeyIt

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2
```

```
mQBtAy6fxzEAAAEDAMO9QIMT9WpFUuvUPIMP5HNIKEhoQKj9I9Xwe9UToT8X/KAu
N3XUmwGhbyi6xI6HwZ7SmiiBiXahoaPz5UJhdOebNwJC5P5/eqgDyFfeCH8v0Wv8
rUVegS1Y8sQsgimu0QAFebQwTWl jaGF1bCBKLiBCYXJzb29tIDxtYmFyc0BibHVl
amF5LmNyZWlnaHRvbi5lZHU+
=ON41
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

## 1.13 History

Program History

```
ReKeyIt
MenuPrefs (MUI)
MenuPrefs (BGUI)
MenuPrefs (gtlayout)
```

## 1.14 ReKeyIt History

-----  
Version 2.4

(22.05.95 16:04:10)

---

- 
- Added Swedish and Spanish translations.
  - Updated my address in the docs.
  - Added gadtools based MenuPrefs (via gtlayout).
  - Recompiled with SAS-C 6.55
  - Fixed a small bug which could occur if you attempted to quit ReKeyIt and someone else had patched the same function that ReKeyIt patches.

---

Version 2.3 (17.05.95 23:22:52)

---

- Some other minor changes, bug fixes
- A copyright message will appear momentarily in the Workbench title bar when ReKeyIt is first run, to remind you to register

---

Version 2.2 (17.05.95 23:20:01)

---

- Added Finnish catalog.
- Slight change in the structure of the catalog, make sure you use the one in the v2.2a archive, as the previous ones will not work
- ReqTools is no longer required, it seemed kinda silly to me open it when it was only used to display two requesters.
- Added support for Show and Hide interface and commodity hotkey to launch MenuPrefs.
- Added German and French catalogs.
- Forgot to mention that catalog has changed and old v1.x catalogs will not work.
- Optimized the code a bit.
- Now uses memory pools, for better memory management.

---

Version 2.1 (17.05.95 23:17:47)

---

- ReKeyIt is now shareware, please register your copy if you
-

use it regularly.

- Changes to menus now survive screen mode changes and ResetWB
- ReKeyIt is now a commodity
- Now ReKeyIt patches one intuition function.  
(thanks to Kai Iske for suggestion this)
- Changed method for reading prefs in memory, result is that Menu titles have are now case sensitive, again.
- Format of prefs changed, WAIT no longer required. Also you no longer specify NOKEY, now you just don't specify the KEY if you do not want the item to have a shortcut.
- If you add an item, to the ToolsMenu it ReKeyIt will automatically add the appropriate shortcut. ReKeyIt no longer has to be started after the AppMenu item is added.
- When ReKeyIt is first run, it will first read the default menus, and when you quit, or deactivate the commodity the defaults will be restored.

---

Version 2.0 (17.05.95 23:14:10)

---

- Attempted to use deamon to make ReKeyIt survive screen and font prefs changed. This was uneffective and idea was scrapped.  
Not publically released.

---

Version 1.4 (17.05.95 23:12:44)

---

- Now included French and German catalogs
- ReKeyIt will now wait until every menu item in the prefs file is found if the option wait is used. This was needed as some programs, like Tool Manager' take some time to add the items to the Tools menu. ReKeyIt will try for ten secs before giving up.

---

Version 1.3 (17.05.95 23:07:44)

---

- Added locale support.

---

Version 1.2 (17.05.95 23:07:25)

---

- 
- Changed method of checking for errors, should be more accurate now.
  - Added retry to error requester if menus could not be found
  - Sometimes ReKeyIt would fail to change the menus and an error would not be reported. Fixed I Hope :-)

---

Version 1.1 (17.05.95 23:06:36)

---

- You can now specify ReKeyIt as a default tool in a the icon of a prefs file, and just double click on the prefs file to set the menus.
- Old shortcuts still worked, even though they were not being displayed in the menus. (fixed)
- Now menu names in config are case insensitive.

---

Version 1.0 (17.05.95 23:02:27)

---

--- Initial release ---

## 1.15 MenuPrefs (MUI) History

---

Version 2.4 (17.05.95 23:30:23)

---

- Recompiled with SAS-C 6.55
- Small internal changes & bug fixes

---

Version 2.3 (17.05.95 23:30:01)

---

- The Add Item string gadget was not being erased between called to "Add Item" (fixed)

---

Version 2.2 (17.05.95 23:29:38)

---

- Optimized the code a bit.
-

- Changed the way menus are displayed in listview, I think it is more aestheticly pleasing :-)
- Now uses memory pools, for better memory management.

---

Version 2.1 (17.05.95 23:29:01)

---

- Added "Add Item" and "Delete Item" to menus
- Added new menuitem Quit (Prefs & ReKeyIt)
- Reset to Defaults now really works, provided ReKeyIt is running
- Selecting use, will only take effect if ReKeyIt is running and its commodity is active.
- Supports new version of ReKeyIt

---

Version 2.0 (17.05.95 23:27:46)

---

- Internal version, NOT RELEASED

---

Version 1.3 (17.05.95 23:27:30)

---

- Added support for the WAIT option

---

Version 1.2 (17.05.95 23:27:20)

---

- Added locale support
- String gadget was not disabled if nothing in the listview was selected (fixed)
- If create icons was selected and an error occurred while saving, the icon would be created anyway (fixed)
- Added missing version string.

---

Version 1.1 (17.05.95 23:26:28)

---

- Moved 'Last Saved' to menus
- Keyboard can be used to control listview.

---

Version 1.0 (17.05.95 23:24:30)

---

--- Initial release ---

## 1.16 MenuPrefs (BGUI) History

---

Version 2.4 (17.05.95 23:40:47)

---

- Recompiled with SAS-C 6.55
- Small internal changes & bug fixes

---

Version 2.3 (17.05.95 23:40:23)

---

- The Add Item string gadget was not being erased between calls to "Add Item" (fixed)
- When an item was added to the listview, the listview was not being updated correctly (fixed)
- Added some more custom rendering to the listview, now menu items with a shortcut key will also have an 'AmigaGlyph' displayed before the key in the listview.

---

Version 2.2 (17.05.95 23:39:08)

---

- Optimized the code a bit.
- Now uses memory pools, for better memory management.

---

Version 2.1 (17.05.95 23:38:47)

---

- Added "Add Item" and "Delete Item" to menus
  - Added new menuitem "Quit (Prefs & ReKeyIt)"
  - Reset to Defaults now really works, provided ReKeyIt is
-

running.

- Selecting use, will only take effect if ReKeyIt is running and its commodity is active
- Supports new version of ReKeyIt

---

Version 2.0 (17.05.95 23:37:37)

---

- Internal version, NOT RELEASED

---

Version 1.3 (17.05.95 23:37:23)

---

- Added support for the WAIT option
- Added keyboard support to requesters and listview  
Note: This requires BGUI 38.x or better
- Created a bug in v1.3 where string gadgets was not being disabled for menu items that could not have a shortcut key (fixed)
- Added locale support
- String gadget was not disabled if nothing in the listview was selected (fixed)
- Shortcut key was not always displayed in string gadget on some systems, it works just fine on mine. (fixed, I hope)
- If create icons was selected, the icon would be created even if an error occurred (fixed).

---

Version 1.2 (17.05.95 23:35:27)

---

- Fixed an enforcer hit when 'Rescan' was selected.  
Reported by Jan Van.den.baard
  - When entering a Command Key in the string, the listview did not immediately show the changes. (fixed)
  - Some internal changes dealing with the way the listview is rendered.
  - Selecting Use or Save gadgets caused a deadlock. (fixed)
  - Listview was not being updated after a load prefs, forgot to call a refresh on the listview (fixed)
-

---

Version 1.1 (17.05.95 23:34:05)

---

- Moved 'Last Saved' into menus.
- Finally figured out how to do my own rendering of text, now menu titles will appear in white and shortcut keys will appear in the listview.
- Clicking keyboard shortcuts for gadgets did nothing (fixed)
- Changed method of adding entries to listview, this speeds up reading of menus a bit.

---

Version 1.0 (17.05.95 23:31:24)

---

--- Initial release ---

## 1.17 MenuPrefs (glayout) History

---

Version 2.4 (20.05.95 08:24:37)

---

- Selecting "Hide Interface" from the commodities exchange would not close the prefs editor (fixed)

--- Initial release ---

## 1.18 Sample prefs file

```
;
; This is the config file I use.
;
"Backdrop"
"Execute Command..."
"Redraw All"
"Update All"
"Last Message"
"About..." KEY "?"
"Quit..."
"New Drawer"
"Open Parent" KEY "/"
"Close" KEY "Q"
"Update" KEY " "
"Select Contents" KEY "A"
```

---

```
"Clean Up" KEY "."
"Window"
"All"
"Only Icons" KEY "I"
"All Files" KEY "S"
"Icon" KEY "1"
"Name" KEY "2"
"Date" KEY "3"
"Size" KEY "4"
"Open"
"Copy"
"Rename..." KEY "R"
"Information..."
"Snapshot"
"UnSnapshot" KEY "U"
"Leave Out"
"Put Away"
"Delete..." KEY "D"
"Format Disk..."
"Empty Trash"
"ResetWB"
"ToolsPrefs..."
"ToolManager..."
"MUI Prefs..."
"MenuPrefs..."
```

## 1.19 Locale support

Thanks to the following people for sending me their translations:

Andreas Otte <xs@nil.student.uni-tuebingen.de>  
for the german translation

Lionel Vinténat <vinténat@reseau.onecert.fr>  
for the french translation

Jouni Jaaskelainen <jjaaskel@orion.pspt.fi>  
for the finnish translation

A. Noguera <A.Noguera@redes1.unizar.es>  
for the spanish translation

Daniel Lundqvist <Daniel\_Lundqvist@p0.f242.n203.z2.fidonet.cd.chalmers.se>  
for the Swedish translation

## 1.20 MUI

MenuPrefs (MUI) uses

MUI - MagicUserInterface

(c) Copyright 1993/94 by Stefan Stuntz

---

MUI is a system to generate and maintain graphical user interfaces. With the aid of a preferences program, the user of an application has the ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing lots of examples and more information about registration please look for a file called "muiXXusr.lha" (XX means the latest version number) on your local bulletin boards or on public domain disks.

If you want to register directly, feel free to send

DM 30.- or US\$ 20.-

to

Stefan Stuntz  
Eduard-Spranger-Straße 7  
80935 München  
GERMANY

## 1.21 Index

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