

**in**

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COLLABORATORS

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# Chapter 1

## in

### 1.1 PowerWB

-> PowerWB V0.8 <-

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Introduction  
Requirements  
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Installation  
Usage  
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Author  
Other Stuff

### 1.2 Introduction

PowerWB improves the good (??) old (!!) standard Workbench of the Amiga a little bit. I know there are more and more Workbench replacements coming out, these days. Some of them are really good but anyway not everybody of us will stop using the standard Workbench, whatever the reasons might be (too much memory usage, incompatibility, too expensive, too slow etc.)

PowerWB adds the following new features to the Workbench:

- It will be possible to scroll the contents of Workbench drawer windows with the cursor keys
  - You will be able to assign standard shortcuts to any Workbench menu. You don't have to hold down the Amiga Key, but if you want to, this can be configured (for each single shortcut you define)
-

- You can add any number of gadgets to the titlebar of the Workbench drawer windows and assign any Workbench menu to them, which will be called when you click on the gadget.
- You can define real Hotkeys (no Workbench window needs to be activated) for some useful operations.
- It's possible to open a new drawer window and at the same time close the active window (i.e. the window that contains the drawer icon, or in other words, the parent window of the new window) by holding down configurable keys when double-clicking the drawer icon.

PowerWB is SHAREWARE!

The preferences program uses MUI which is copyrighted by Stefan Stuntz!

## 1.3 Requirements

PowerWB should work on any machine with at least AmigaOS 2.0

## 1.4 Legal Stuff

PowerWB is Shareware. You can do some days or weeks of testings but if you keep using it you have to send me some money. Everything from 2000 Lire (2 DM, 1 US\$) upto 5000 Lire (5 DM, 3 US\$) is ok. If possible please do not send me the money in any other currency. I might eventually accept also a gift instead of the money, but ask me first (EMail)!!! Send everything to:

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The preferences program uses MUI which is copyrighted by Stefan Stuntz!

Warning:

I cannot be held responsible for any damage that might occure when using PowerWB!!!

## 1.5 Installation

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To test PowerWB you don't have to install it, just start it by double-clicking the icon (see Usage )

To install PowerWB permanently on your computer either use the supplied Installer script (double-click the Install icon) or do the following:

- 1) Copy PowerWB anywhere you like. I suggest you to copy it either to "SYS:tools/commodities", "SYS:c" or "SYS:utilities".
- 2) Add the following line to your "s:user-startup"

```
run <>NIL: <Path>PowerWB [CX_PRIORITY=<Pri>] [CONFIGFILE=<Config Path>]
```

<Path> must be replaced with the directory where you have copied PowerWB! CX\_PRIORITY and CONFIGFILE are optional. The real line should look similar to one of the following ones:

```
run <>NIL: SYS:tools/commodities/PowerWB
```

```
run <>NIL: SYS:c/PowerWB CX_PRIORITY=-10
```

```
run <>NIL: SYS:utilities/PowerWB CONFIGFILE="s:MyPowerWB.config"
```

If you want PowerWB to be configurable while it is running you have to specify a CONFIGFILE which starts with "ENV:".

See Usage and Configuration !

## 1.6 Usage

PowerWB can be started from both the Shell and the Workbench. I'm going to explain how it works with the Shell, now, but with the Workbench it's almost the same (tooltypes and arguments have the same name).

This is the argument template:

```
CX_PRIORITY/N/K,CONFIGFILE/K
```

---

```
CX_PRIORITY      : Commodity priority. Normally you should not have to
change this value, which by default is -5, but if PowerWB
does not work correctly (shortcuts don't work, etc.) or
causes trouble with other commodities (such as hotkeys
not working anymore) you can try changing this value
which must be in a range between -128 and 127.
```

```
CONFIGFILE/K     : By default PowerWB tries to load "S:PowerWB.config".
With this option you can force PowerWB to use another
file.
```

---

It's now possible to change the configuration of PowerWB while it is running, but only if you specify a CONFIG-FILE which is located in "ENV:". The string you specify must start with "ENV:" and "ENV:" must be written in uppercase:

OK: CONFIGFILE ENV:PowerWB.config

WRONG: CONFIGFILE env:PowerWB.config

---

### E X A M P L E S

---

PowerWB

PowerWB CX\_PRIORITY=5

PowerWB CX\_PRIORITY 5

PowerWB CONFIGFILE="work:configdir/myconfig"

PowerWB CONFIGFILE "work:configpath/myconfig"

PowerWB CX\_PRIORITY=5 CONFIGFILE="ENV:PowerWB.config"

PowerWB CONFIGFILE "S:PowerWBConfiguration" CX\_PRIORITY -20

---

### U S A G E    W H I L E    R U N N I N G

---

This depends very much on how you configured PowerWB, but for what concerns the standard config file provided with PowerWB:

The new gadgets in the titlebar do the following:

- The first (leftmost) one allows you to switch between "View by Icon" and "View by Name" mode.
- The second one allows you to switch between "Show Only Icons" and "Show all Files" mode.

These are the shortcuts that can be used in Workbench drawer windows:

RETURN                Switches between "View by Icon" and "View by Name" mode

SPACE                 Switches between "Show only Icons" and "Show all Files" mode

---

DEL	Delete selected icon(s). The requester asking you to confirm will still pop up.
HELP	Bring up the information requester for the selected icon(s)
TAB	Bring up the "Execute command" window
BACKSPACE	Switch Workbench backdrop mode on and off
ESC	Close active Workbench window
CURSOR KEYS	Scroll content of window (behaves like clicking on the small arrow gadgets in the lower right corner of the window). If you hold down one of the following qualifiers (keys) scrolling will be different:  SHIFT KEYS: Scrolls one page  ALT KEYS : Scrolls to the beginning/end  CONTROL : Scrolls one pixel

It will be further possible to open a drawer window and at the same time close the active window (i.e. the window, that contains the drawer icon, or in other words, the parent window of the new window). To do this, you have to hold down CONTROL when double-clicking on the drawer icon.

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## Q U I T T I N G   /   D I S A B L I N G

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To quit PowerWB send it a break (CTRL C), use the "Remove" button in Exchange or start PowerWB a second time. Quitting might eventually fail (screen flashes) if it was not possible to remove the patches, PowerWB installed. This happens if one or more programs have patched one or more system functions that were already patched by PowerWB.

There's also a (very small) program called "PowerWB\_QUIT" in the "Tools" directory. It sends PowerWB the CTRL C break.

PowerWB can be temporary disabled by using the "Active/Inactive" button in Exchange. When you set PowerWB to inactive the extra gadgets in the title-bar of the workbench windows will be removed. By setting PowerWB to active again, the extra gadgets will be added to the already open Workbench windows automatically.

## 1.7 Configuration

This can be done with PowerWBPrefs . I don't know yet if this program works on OS 2.x (you can try setting the NOIMAGES and NOLOGO tooltypes), therefore it's still possible to configure PowerWB by hand ...

---



---

To configure PowerWB you have to edit "S:PowerWB.config" (or the file you have specified with CONFIGFILE).

- o Empty lines (only one RETURN) and lines starting with <;> <SPACE> or <TAB> are considered to be comments and are therefore ignored.
- o The configuration file is split into groups. Lines beginning with '#' start a new group. The group name must be specified after the '#' char, with no space between. The first group must be "#POWERWB"! If PowerWB does not find this group (or it is not the first group), scanning of the config file will be aborted, but PowerWB will not warn you and the program will not be terminated.
- o If PowerWB encounters an unknown group name or the group "#END" it stops scanning the config file.
- o PowerWB will not complain about anything. No safety checks at all. Be careful to read the documentation of each group and not to make mistakes.

---

#### G R O U P :    # K E Y S

---

In this group you can define shortcuts, which will be available only if the active window is a Workbench window. The keys you define here are not Hotkeys, although the key definition must be a Hotkey description string. You must anyway be sure not to specify a Hotkey description string that is already used by another program (one that installs a real Hotkey), because if you do so, then both the Workbench action and the other program's Hotkey action will be initiated. The shortcuts in the #KEYS group must be specified like this:

Hotkey description string = Action

I suggest you to specify "-capslock" at the beginning of the Hotkey description string. By doing so the shortcut can be used no matter whether CAPS LOCK is active or not. I nearly forgot: don't try specifying something else than a "Key-HotKey" ... it will not work.

Examples:

```
-capslock return=MENU: 2 0 -1
-capslock space=SWITCHWHAT
-capslock del=MENU: 2 9 -1
-capslock help=MENU: 2 3 -1
-capslock esc=CLOSEWINDOW
```

---

```
-capslock numericpad enter=SWITCHLOOK
```

Note: There must not be any <SPACE> before and after the '=' char!!

---

```
-----
                        G R O U P   :   # G A D G E T S
                        -----
```

---

In this group you can specify what gadgets (and relative action) you want to have in the titlebar of the Workbench drawer windows:

```
<IMAGE>= Action
```

<IMAGE> must be one of the following:

- o The ID of an internal PowerWB Image. Actually there are only two images available, 1 and 2 (see InternalImages.png ). For example:

```
1=SWITCHLOOK
```

```
2=MENU: 1 3 -1
```

- o A text gadget definition, which must be specified like this:

```
TEXT <Flags>,<FG Color>,<BG Color>,<Style>:<String>
```

<Flags> Can actually only be 0 or 1. 0 means, the gadget width depends on the pixel width of the supplied <String>. 1 means, the gadget will get the standard width (= like the zoom gadget).

<FG Color> Is the color used to render the <String>, when the window is active. When the window is inactive PowerWB will render the <String> in black. You can either specify a Draw-Info pen by specifying it's ID (see below) or an absolute color by attaching a '-' sign at the front of the number.

DrawInfo pen IDs:

```
0 DETAILPEN
1 BLOCKPEN
2 TEXTPEN
3 SHINEPEN
4 SHADOWPEN
5 FILLPEN
6 FILLTEXTPEN
7 BACKGROUNDPEN
8 HIGHLIGHTTEXTPEN
9 BARDETAILPEN
```

It's usually best using 6 (FILLTEXTPEN), because that's also

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the pen used to render the window title. If you want to specify an absolute color (for example -3) and have OS 3.x you must watch out: Usually only the first and the last four colors of the Workbench screen are locked, the rest can change it's palette at any time. For example on a 16 color Workbench only colors 0-3 and 12-15 are locked. On Aminet there are several "ColorLockers", allowing you to lock all colors on the Workbench making it safe to use any absolute color here.

Note: In a future release it will probably be possible to specify a RGB value, which will be ObtainBestPen()ed during runtime.

<BG Color> Is the color used to render the background of the gadget when the window is active(!). You can either specify a DrawInfo pen by specifying it's ID (see below) or an absolute color by attaching a '-' sign at the front of the number.

DrawInfo pen IDs:

- 0 DETAILPEN
- 1 BLOCKPEN
- 2 TEXTPEN
- 3 SHINEPEN
- 4 SHADOWPEN
- 5 FILLPEN
- 6 FILLTEXTPEN
- 7 BACKGROUNDPEN
- 8 HIGHLIGHTTEXTPEN
- 9 BARDETAILPEN

It's usually best using 5 (FILLPEN), because that's also the pen used to render the window border. If you want to specify an absolute color (for example -3) and have OS 3.x you must watch out: Usually only the first and the last four colors of the Workbench screen are locked, the rest can change it's palette at any time. For example on a 16 color Workbench only colors 0-3 and 12-15 are locked. On Aminet there are several "ColorLockers", allowing you to lock all colors on the Workbench making it safe to use any absolute color here.

Note: In a future release it will probably be possible to specify a RGB value, which will be ObtainBestPen()ed during runtime.

<Style> The style used to render the text. Can be a combination of:

- 1 UNDERLINED
- 2 BOLD
- 4 ITALIC

If you want for example get BOLD and ITALIC, specify 6 (2+4).  
To get the normal (plain) style specify 0.

---

<String> The text you want to have displayed in the gadget. The maximum length is 8 chars!!

Examples:

```
TEXT 0,6,5,0:.info=SWITCHWHAT
```

```
TEXT 1,6,5,2:A=MENU: 1 3 -1
```

```
TEXT 1,-2,-1,0:B=MENU: 1 1 -1
```

Note: You must always specify all parameters! For example it would not be O.K. if you specified something like "TEXT 0,4,5:Amiga=SWITCHLOOK"!

There must not be any <SPACE> before and after the '=' char!!

---



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G R O U P :    # H O T K E Y S

---



---

In this group you can specify Hotkeys for some special actions. This time the Hotkeys are real and will therefore work no matter whether the active window is a Workbench window or not:

Hotkey description string =<Hotkey Action>

<Hotkey Action> can actually be only one of the following:

CLOSEALLWINS : Closes all opened Workbench drawers

BACKDROPMODE : Switches the Workbench backdrop mode on and off. This might be very useful if you have a lot of windows opened and can't reach a Workbench window that would allow you to use an eventual PowerWB shortcut or the menu.

(Switching the Workbench backdrop mode off is sometimes the fastest way to reach the disk icons, app icons etc. in the main Workbench window)

Examples:

```
rshift ralt esc=CLOSEALLWINS
```

```
rcommand return=BACKDROPMODE
```

Note: There must not be any <SPACE> before and after the '=' char!!

---

---



---

G R O U P :    # I N T E G E R

---



---

In this group you can configure the 'numeric' options of PowerWB:

<OPTION>=<NUMERIC VALUE>

There's actually only one option:

**TITLESPACE** If you have configured PowerWB to add some gadgets to the Workbench drawer windows, then you might find it annoying that the minimal window width is not adjusted. It might happen that the window title is completely invisible. With this option you can define how many pixels space (as minimum) there should be for the window title.

**Note:** PowerWB's relative routine is actually not very smart and does therefore not take into account that most title gadgets overlap each other by one pixel. Therefore the title space will actually be some pixels bigger than you specified.

If another program adds some gadget to the title bar after the OpenWindow call (maybe through a OpenWindow patch which was installed before PowerWB's one), then PowerWB's calculation will be wrong, because it cannot take into account the gadget which will be added to the window later.

Windows that are opened too small, will not be made larger automatically. Clicking on the size-gadget will force the new size to be 'correct'. This stupid behaviour might be fixed in a future release ...

Examples:

TITLESPACE=20

**Note:** There must not be any <SPACE> before and after the '=' char!!

---



---

G R O U P :    # S T R I N G

---



---

In this group you can configure some 'string' options of PowerWB:

```
<OPTION>=<STRING VALUE>
```

Actually there is only one option:

OPENCLOSE There's a special feature in PowerWB which allows you to open a new drawer window and at the same time close the active window (i.e. the window that contains the drawer icon). This will work only when you hold down the keys specified here. You can also specify an empty string, which disables the feature, otherwise you have to specify the qualifiers in Hotkeys description style. Note, that specifying one of the qualifier synonyms (shift, caps, alt) is actually not supported by PowerWB. Examples:

```
OPENCLOSE=lshift
```

```
OPENCLOSE=lalt
```

```
OPENCLOSE=control
```

```
OPENCLOSE=lalt lshift
```

---

```
-----
G R O U P :   # S W I T C H
-----
```

Here you can switch some PowerWB options on (they are all off by default). This can be done by simply specifying the option.

```
<option>
```

Available options:

NOGADGETS Don't add any gadget to the windows' titlebar, even if you have specified some in the #GADGETS group.

NOSHORTCUTS Don't activate any shortcut, even if you have specified some in the #KEYS group.

NOKEYSCROLL Don't allow scrolling of the Workbench drawer windows' content with the cursor keys.

SYSILOOK Draw the internal PowerWB gadget images in the well known SysiHack look.

FRONTCHECK With this option the key shortcuts will only work when the Workbench screen is the frontmost screen. This is actually some kind of fix for some versions of Pro-tracker which can crash if PowerWB is running. I don't think it's a bug of PowerWB but it's Protracker (well,

---

some versions of it) which seems to be programmed very badly (it's full of Enforcer Hits etc.)

## 1.8 PowerWB Preferences program

PowerWBPrefs needs MUI . I don't know if it works on OS 2.x. Please let me know!

PowerWBPrefs needs to have the CONFIGFILE tooltype set to the path of your configuration file. You should specify exactly the same path you are using in PowerWB (CONFIGFILE argument). If you don't specify anything, the program will try to load "S:PowerWB.config". If you want PowerWB to be configurable while it is running you have to specify a config file which is located in "ENV:", for both PowerWB and PowerWBPrefs. Otherwise the "Use" and "Test" buttons will not work.

Note: The installation script will set up the CONFIGFILE tooltype (PowerWBPrefs) and CONFIGFILE argument (PowerWB) automatically, depending on what selections you make.

The rest of the preferences program should be self-explaining. For specific information about the various options read on in the Configuration chapter!

## 1.9 Hotkey desription strings

Each hotkey description has the following construct:

```
[Class] {[ -] (Qualifier|Synonum)} {[ -] Upstroke} [HighMap|ANSICode]
```

Elements enclosed in [] brackets are optional. Elements enclosed in {} brackets can be repeated 0 to n times.

**Class** : One of "rawkey" (default and the only allowed class for PowerWB's shortcuts), "rawmouse", "event", "pointerpos", "diskremoved", "timer", "newsprefs", "diskinserted"

**Qualifier:** Combination of "lshift", "lright", "capslock", "control", "lalt", "ralt ←", "lcommand", "rcommand", "numericpad", "midbutton", "rbutton", "lbutton", "repeat", "relativemouse"

If you add a '-' before the Qualifier string, then it does not matter, whether the Qualifier is active (i.e. hold down by the user) or not.

**Synonym** : A combination of "shift" "caps" "alt"

"shift" means: "lshift" and "rshift" are considered to be the

same key.

"caps" means : "lshift", "rshift" and "capslock" are considered to be the same key.

"alt" means : "lalt" and "ralt" are considered to be the same key.

If you add a '-' before the Synonym string, then it does not matter, whether the Qualifier-Synonym is active (i.e. hold down by the user) or not.

Upstroke : If you don't write "upstroke" (default) then only pressed keys will be accepted, if you do write "upstroke" then only released keys will be accepted and if you write "-upstroke" then both key presses and key releases will be accepted.

HighMap : One of the following strings, which are defined for special keys:

"space", "backspace", "tab", "enter", "return", "esc", "del",  
 "up", "down", "right", "left", "f1", "f2", "f3", "f4", "f5",  
 "f6", "f7", "f8", "f9", "f10", "help"

ANSIcode : A single char (for example "a") for a normal key

---

Example "Key-HotKeys":

a

shift control i

numericpad ralt enter

-capslock lshift o

---

Notes:

- o Specify the whole description string in lowercase. Otherwise the commodities.library (or at least some older versions of it) might not work correctly, i.e. the hotkey might not be recognized.

- o This short overview here is based on the HotHelp Docs (Maxon Computer & Bernstein Zirkel Softworks)

## 1.10 Possible actions of PowerWB's shortcuts (#KEYS) and gadgets (#GADGETS)

<Action> can actually be one of the following:

---



---



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o A PowerWB special action:

SWITCHLOOK To switch the active Workbench drawer between "View by Icon" and "View by Name".

SWITCHWHAT To switch the active Workbench drawer between "Show only Icons" and "Show all Files"

CLOSEWINDOW To close the active Workbench drawer window.

SMARTDEL Action depends on what icon is actually selected. If it is a disk icon, the "Format" window will be brought up (disk will be formatted only after user confirms!), if it is a trashcan icon, it will be emptied without user confirmation(!), if it is any other kind of icon, then the "Delete" window will be brought up, this window will ask you to confirm the delete process.

Examples for #KEYS group:

-capslock return=SWITCHLOOK

-capslock rcommand numericpad enter=SMARTDEL

Examples for #GADGETS group:

1=SWITCHLOOK

2=SWITCHWHAT

TEXT 1,6,5,0:Kill=SMARTDEL

---

o A Workbench menu call:

MENU: <MenuID> <ItemID> <SubID>

This will call the relative Workbench menu item. If PowerWB sees that the menu item is disabled (because of the operation actually not making sense), it will not send a menu message to the Workbench window. This will prevent you for example from being able to create a new drawer in the main Workbench window (this wouldn't work anyway, but the Workbench might get confused if it receives a menu message from a disabled item)

There are some very important things you have to know:

- o Each ID starts with 0!! For example the <MenuID> of "Icons" is 2 and not 3, the <ItemID> of "Window/New Drawer" is 0 and not 1, the <SubID> of "Window/View by/Name" is 1 and not 2.

- o For normal items you must specify a SubID of -1, for sub items the relative ID!!
-

Examples: "Window/Open parent" ..... MENU: 1 1 -1

"Window/Update" ..... MENU: 1 3 -1

"Window/View by/Date" .... MENU: 1 8 2

- o Items of the "Tools" menu can be used, too

Examples for #KEYS group:

-capslock return=MENU: 1 1 -1

-capslock rcommand numericpad enter=MENU: 1 3 -1

Examples for #GADGETS group:

1=MENU: 1 8 2

2=MENU: 0 0 -1

TEXT 1,6,5,0:Kill=MENU: 2 8 -1

## 1.11 Known Bugs

- When you scroll the content of Workbench windows with the cursor keys scrolling sometimes does not stop. If this happens activate another window or press one of the cursor keys again.
- When you scroll the content of Workbench windows with the cursor keys the arrow gadgets sometimes do not get unselected, after having released the cursor key (BTW: PowerWB must select/unselect the arrow gadget, otherwise scrolling with the keyboard does not work)
- The extra gadgets in the titlebar of Workbench windows look ugly, especially if the font's height on the Workbench screen is smaller than 13 :( You can send me some images about how you would like them to be. I might eventually add external routine support to allow changing the look of the extra gadgets (just like in PowerWindows)

## 1.12 History

V 0.5 03.10.97: - First public release (project started only 5 (five) days earlier!!)

V 0.6 09.10.97: - NOGADGETS did not work

- Shortcuts do not work anymore if ALT, LEFT, AMIGA or

CONTROL are hold down

V 0.7 26.10.97: - Improved keyboard-scrolling. Important: To get pixel-scrolling you now have to hold down CONTROL!!

- New option: ADJUSTMINWINWIDTH. See Usage !

V 0.8 20.12.97: - Changed look of gadgets a little bit and added the new option SYSILOOK .

- New option: FRONTCHECK. See Configuration

- Scrolling did not work correctly on OS 2.x

- Added possibility to define a Hotkey that allows you to close all Workbench windows at once. See Configuration

- Added SetWindowTitles() patch, because when the title of a Workbench window changed it could still happen that the PowerWB gadgets were "destroyed" by the rendering.

- CX\_PRIORITY is now -5 by default

- Added possibility to define a Hotkey that allows you to switch the Workbench backdrop mode on and off. This might be very useful if you have a lot of windows opened and can't reach a Workbench window that would allow you to use the PowerWB shortcut (BACKSPACE) or the menu.

(Switching the Workbench backdrop mode off is sometimes the fastest way to reach the icons in the main Workbench window, such as AppIcons, disk icons ecc.)

See Configuration

- Keyboard shortcuts are now fully configurable!

- Gadgets to be added to the titlebar are now fully configurable!

- To configure PowerWB you now have to edit a config file (default: "S:PowerWB.config"). Many things have changed. Read Configuration !

- The argument template has changed. See Usage !

- Prefs program is ready!!! Requires MUI.

- Open-plus-Close feature: Allows you to open a new drawer window (by double-clicking a drawer icon) and at the same time close the active window (i.e. the window containing the drawer icon) by holding down configurable qualifiers. See Configuration !

---

## 1.13 Future

- Support for external gadget render routines (or maybe possibility to use a simple IFF brush)
- Reverse Open-plus-Close: Close active window and automatically open it's parent window
- Possibility to specify the color of the text gadgets as RGB value. The color will then be ObtainBestPen()ed by PowerWB.
- Maybe make it possible to change the background color of the built in images, too.
- Maybe some more built in images. Send me an image, if you want. You must design something that can be scaled and translated to rendering instructions (line, rectangle, etc.) easily. (PS: This is really difficult!)
- Iconifying feature, for those who don't like PowerWindows (that's another cool program of mine. See Other Stuff ) or want the WB windows to be iconified normally, i.e. as AppIcons.
- Send me your ideas
- I don't want the program to become too big. If you want something really cool get Scalos, Directory Opus, MBench or something like that. PowerWB is mainly intended for those who don't have enough memory or money - like me :(

## 1.14 Author

PowerWB was created by:

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SOUTH TYROL - ITALY

Send bug reports, comments, etc. to:

EMail: [steger@pass.dnet.it](mailto:steger@pass.dnet.it)

Write in german (prefered), italian or english!

## 1.15 Other Software created by Georg Steger

Image

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PowerCrawler (SHAREWARE):

A Map-Editor with some incredible features:

- o Blocksize from 1 x 1 to 255 x 255
- o Mapsize from 2 x 2 to 32767 x 32767
- o Upto 10 Layers (not parallax) with Mask-Support
- o Localized
- o Userdefined Screenmodes/Fonts for Editscreen
- o Userdefined Font for Main Window on Workbench
- o Fontsensitive GUI
- o Userdefined Screenmode for BlockScreen
- o External Loader/Saver-Support
- o Many Draw-Tools (Freehand, Line, Rectangle, filled Rectangle, Airbrush, Fill) some with variable modes (vertical/horizontal Filling, OnePointPerRow/Column-Line, ...)
- o MAP-EDITING WITH VARIABLE ZOOM (1% - 100%)
- o Zoom Pre-Calculation for faster Editing
- o Fliptable for controlled flipping
- o Savable MAP-PREVIEW (1% - 100%)
- o Brushes. You can give them names, sort them, save them!
- o Mask-Creation inside program. Invert Mask. Load Mask as IFF-File.
- o Up to 6 projects in memory which can all have different settings, pictures, ...
- o Project-Saving/Loading which will save/load Map-Data, Settings, FileNames, Fliptable, Brushes, Mask in/from one file!
- o Shortcuts for nearly everything.
- o Popup-Menus for Brushes and Zoom.
- o Undo/Redo
- o Datatypes-Support
- o Iff-Library-Support
- o HAM/EHB-Mode-Support
- o Color0-Remapping and DRIPENS for good looking GUI in all modes!
- o OS-conform (hopefully)
- o Thousands of TOOLTYPES to change GUI, Flags for AllocBitmap, internal routines, ...
- o Loading/Saving settings to a file
- o Online Help

How to get the registerd Version of PowerCrawler:

Send US\$ 25 (DM 35) (LIRE 30000) CASH ONLY to the following address:

Georg Steger  
Hochlercher 30

I-39030 St. Johann/Ahrntal

ITALY

Email: [steger@pass.dnet.it](mailto:steger@pass.dnet.it)

YOU MUST INCLUDE: ONE EMPTY DISK  
RETURN STAMPS

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#### PowerWindows (Shareware):

This Program allows you to move Windows out of Screen!!!!!! No joke! It's real! The Windows also get an Iconify-Gadget which allows you to iconify Windows in a 100 % compatible way! Check this out!! Tons of features, works on GFX-Boards!!!

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#### PowerIcons (Giftware):

This little commodity removes the border around the Icons when you drag them. It makes color 0 of the Icons transparent. This program is especially useful if you use NewIcons V3. NewIcons already removed the border around the Icons but not when you dragged them.

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#### KeyReq (Freeware):

Small but cool requester improver. Does \*not\* replace the requesters with the ones from ReqTools. It's possible to cycle through the gadgets of the requester (similiar to MUI). You can have the requesters opened in the center of the screen or under the mouse pointer. Works also with requesters created by BuildEasyRequestArgs() and BuildSysRequest(). Supports asynchron requesters. You can control the requester with the keyboard. Source is included.

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#### Offset (Freeware):

Offset is a little utility for programmers to calculate the offset of a field from any OS 3.1 structure, the size of the structure or what field there is at a certain offset. For example:

|                     |                       |
|---------------------|-----------------------|
| offset gadget.width | Output: 8             |
| offset gadget.8     | Output: Width         |
| offset gadget       | Output: 44            |
| offset gadget.\$1e  | Output: MutualExclude |
| offset gadget.0x1A  | Output: GadgetText    |

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#### CopyIcon (Freeware):

Like CopyNewIcon, but copies both the old image and the NewIcon image. This utility is especially useful for programmers who want to have the icons of their programs in both the old and the new look. Source code is included.

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#### StackAttack (Freeware):

StackAttack can help avoiding/killing GURUs (especially strange and casual ones). GURUs are sometimes caused by a too low stack of some programs. With StackAttack you can select what minimum and additional stack new processes (programs) shall get.

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#### WBAttack (Freeware):

WBAttack is a little program which allows you to change the backdrop mode of the main Workbench window. It is (mainly) intended to be used with programs like Toolmanager which allow starting programs with a configurable hotkey. As such hotkeys can be used in any occasion (it does not matter which window or screen is the active one) accessing the icons of the main Workbench window (by switching the Workbench backdrop mode off, which brings the Workbench window automatically to front) will be very very easy.

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