SmartWB

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COLLABORATORS			
	TITLE : SmartWB		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

SmartWB

1.1   SmartWB 1.05

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                          »»» SmartWB v1.05 ««««
                     "Forget about slow workbench..."

                  Freeware © 1994-1996 The Beet Research

                      written by Grzegorz Calkowski


          *****************************************************************
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If you are using / had been using previous versions of SmartWB, please,
reread
```
                 Usage
                  section. Also read this
                 Warning
                  !
```

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```

```
                                   So...

                     Notes
                                   Few words more


                     Author
                                   Who made it?

                     History
                                   Short program history
```

1.2 Disclaimer

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DISCLAIMER
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    The   program   and   information   above  is  provided  "as  is".   No
representations  or  warranties  are  made  with  respect to the accuracy,
reliability,  performance,  currentness, or operation of this software and
information,  and  all use is at your own risk.  The author doesn't assume
any responsibility or liability whatsoever with respect to your use of the
program and information.
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1.3 Copying

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              COPYING
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    SmartWB is FreeWare.  Yes, but you should read
                this
                . It can be freely
distributed under following conditions:

1.  No more then a nominal fee is charged to cover cost of magnetic media.

2. Everything in this distribution must be kept together & unaltered.
   Applies to:
     - SmartWB                 (the program itself)
     - SmartWB.info
     - SmartWB.guide           (AmigaGuide® doc file)
     - SmartWB.guide.info

SmartWB is Copyright (C) 1994-1996 The Beet Research. All rights reserved.
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1.4 Author

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AUTHOR
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   It's quite a long history behind SmartWB. I know it very widely used,
appeared on some magazines cover disks.... I think, it has made your, dear
Amiga users, work easier and nicer. It's free, but if you want to make poor
Polish student happy - send a small donation. $5 or so will do! Thank you
in advance!

   I must say big »thank you« to Gerhard Rabe, which is the _only_ person
who did it... shame, only one...

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Check out my other programs on Aminet:

```
SysPic301.lha       util/boot   55K   8+The best boot-time picture displayer!
SysPic301Pix.lha    util/boot  113K   7+Bonus pictures for SysPic
AutoAssign.lha      util/wb     18K   33+V1.12-Automagically makes assigns & moun
JustPlay.lha        mus/play    20K   33+1.1-Proplayer to use w/icons, src, XPK
iconspy1.lha        util/wb     12K   79+Monitors calls to icon TOOL TYPES (w/ so
```


1.5 Warning

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                              WARNING!
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On Aminet appeared archive named ... dev/src/SmartWB10.lha ! It's author
(Timo Nentwig) claims it's a replacement for my program! It's not.

1. He has stolen name of my program. He should not.

2. It's example of a extremely bad written C patch (I have nothing
against C - I write in C/C++). It's slow - stupid usage of Forbid/Permit
pair. And big - remains in memory as a process, consuming about 4
kilobytes of memory + stack (usually 4kb) = 8kb!!!. Original SmartWB
only installs the patch, which takes only 152 bytes!

3. Mr. Nentwig wanted to patch _all_ windows to smart-refresh. See
              Notes
                .
Look at these words:

"(...) So the workbench windows are smart-refreshed. It should also patch
every other window (e.g. C='s Prefs) opened by OpenWindowTagList() but it

doesn't (...).   Don't ask me why, I've no idea :-(Probaly just a minor
stupid mistake. This can happen when writing 10 minutes programs (...)"

Any questions?

    So, if you use this "replacement" - please delete it and use original
SmartWB.

1.6 Description

DESCRIPTION

    Well, well...   I doubt you haven't heard about SmartWB... this
proggie is over 2 years old! If you use it, you know, that you can't live
without it. If, unfortunatelly, you don't use it, you will use it... :-)

    SmartWB is a little program that will *magically speed up* Workbench's
window   refreshing.   It   forces   to Workbench windows to open in
smart-refresh mode instead of slow, ugly-look simple-refresh. SmartWB
patches intuition/OpenWindowTagList which Workbench uses to open its
windows.   I   really   don't know why gurus in C= decided to use
simple-refresh - it saves some memory, but the speed gain worth that. Try
to open something, let's say, about 20 windows on your workbench and then
do, for example, a depth rearranging. And so? Yes, slow, even on an
A4000! Try it again with SmartWB...

    Furthermore if you use Magic Layers (aminet/gfx/misc/ML11.lha),
realtime window movement program by Trond Werner Hansen, SmartWB will make
it even better!!

    SmartWB is written in pure assembler, for best efficiency. Wonder, it
takes *ONLY* 152 (exactly) bytes of memory!!! And uses no cpu time while
installed.

    SmartWB requires at least 2.04 AmigaOS release (V37). Tested also
under 3.0 (V39) and 3.1 (V40).

1.7 Usage

USAGE

    Nothing more easy.   SmartWB can be used from both Workbench & Shell
but the first is recommended. Just drop it to 'WBStartup' drawer...

    In the past SmartWB caused problems with big patterns in Workbench
window. After few window drags, openings/closings pattern got scattered.
Magically, it affected only big patterns. Now problem is solved - the
Workbench window isn't forced to be smart.

On first invocation SmartWB installs the patch. On second it will try to remove it. Removal can fail if other program will patch the system routine used by SmartWB (intuition.library/OpenWindowTagList, specifically). In such case, first remove the other ones. Anyway I doubt you will ever want to remove SmartWB... :-).

If you want (surely!) SmartWB to not bring the info window specify QUIET as an option (for shell) or as a tooltype (for Workbench). As every other standard shell command SmartWB recognizes the '?' what brings the options template.

1.8 Notes

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NOTES
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You thought: "Why not to force any other simple-refresh windows to be smart?", I suppose. Well, answer is simple - better not to "poke" too much. Although in most cases it can work fine but maybe sometimes not. On other hand, if a programmer uses simple-refresh he knows what he does (except Workbench's creators... :-). For example a console window if is opened in smart mode (when SMART option specified) doesn't preserve its contents. So decision was made not.

1.9 History

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HISTORY
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v1.0 (20.02.94)

  o First release.

v1.01 (21.02.94)

  o Small fixes and optimizations.

v1.02 (27.10.94)

  o SmartWB.rendezvous port was created in a bad way. Could cause strange
    system behaviour. Fixed.
  o Version string was incorrect. Fixed.
  o Finally... now it's copyright (c) TBR.

v1.03 (09.11.94)

  o A nasty Enforcer hit found in the patch itself! It didn't check if a0
    contains a pointer... Fixed.
  o And therefore patch uses 120 bytes instead of 112... buuuhuuu....

v1.04 (18.12.95) <-- Sic!!!

  o Oooopsss... a small bug which has been hidden here for over one year...

    Sometimes SmartWB trashed d0 at exit returning stupid values (such as 44)
    thus breaking script... (Reported by Tassos Hadjithomaoglou). Fixed.

  o Usage doc changed - due to problems (reported by Pete Watson) with big
    patterns, recommended place for SmartWB is WBStartup.

  o No longer, hmmmm, BeetWare....

  o Plain doc converted to guide.

  o ....not released....

v1.05 (29.07.96) <--- SIC!!!!!!!!!

  o After over 2 years of SmartWB's existence pattern-scattering problem
    solved...!

  o Patch size has grown from 120 bytes to 152...

  o Source cleaned a little (removed 'Too old kick' requester... who cares
    about 1.3 dinosaurs nowadays... are there still such? :-)

  o Icons added.

  o FINAL RELEASE. Yes.