Background

COLLABORATORS

	TITLE : Background		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		July 20, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Background

1.1   Background

```
                    Background v1.32
```

Background and this text are copyright © 1996 Roland Haas


```
 Copyright&disclaimer
 Introduction
 Requirements
 Installation
 Konfiguration
 Usage
 Future
 credits
 Known bugs
 Author
 history
```


1.2   Copyright&disclaimer

```
Copying
```

Background may bee sold freely, as long as the contents of this archive is
spread completely. There may be raised no charge other than a fee for copying.

Background may be sold with other free redistributable software, as long as the
conditions above are satisfied. This program may only be included in a
commercial package if you have the written permission of the author .

```
Disclaimer
```

This product is sold "AS IS" without representation or warranty of any kind,
either expressed or implied.
        YOU USE THIS PROGRAMM ON YOUR OWN RISK

1.3 Introduction

```
What is "Background"?
```

```
Background is a program similar NickPrefs by Nicola Salmoria. Unlike NickPrefs'
WBPICTURE every workbench window can be connected with its own picture.
```

```
Why?
```

```
Background has been written, because at that time I did not have the
opportunity of getting NickPrefs. As I finally had NickPrefs, the possibilities
offered did not satisfy me. Because I did not know, whether there was a similar
program I decided to write my own.
```

1.4 Requirements

```
Necessary are:
```

```
 · at least OS 2.0
 · IFFPARSE.library in LIBS:
```

```
Not necessary, but recommended are:
```

```
 · 1 MBYTE Chip-RAM
 · hard-disk
```

1.5 Installation

```
First you should copy the program Background to the WBSTARTUP drawer. Then
start a text-editor and edit the file "ENVARC:Background.conf".
(enter "ed envarc:Background.conf" in a shell)
Information how to set up the file can be found in  Konfiguration . After
having created the file, you must either perform a reboot or copy the file from
ENVARC: to ENV:
```

1.6 Konfiguration

```
Background gets information about the windows from the file ENV:Background.conf
The OS has copied this file during booting from ENVARC: there. That means, that
you, to make permanent modifications, will always have to edit the file in
ENVARC: then you will have to copy it to ENV:. See also  Future .
```

```
 The file Background.conf
 Example
```

1.7 The file Background.conf

The file must have the following format:

```
First line  : path_to_a_picture,TILE/S
Second line : path_to_a_picture,TILE/S
other lines : path_to_a_picture,pattern,TILE/S
```

Path_to_a_picture specifies the IFF-picture, that serves as the background.

If TILE is provided, then the picture will be used as a pattern, that will be repeated as long as necessary. Then the bottom edge must fit to the top one and the left to the right. If however TILE is omitted, all area not covered by the picture will be filled with the background color (grey).

The pattern is a DOS pattern, that specifies, for which windows the picture is to be used. Possible patterns are for example:

```
(Prefs|Presets)           - the drawers Prefs and Presets
Pictures.~(HAM)           - all pictures. drawers except the drawers
                    Pictures.HAM
"#? % full, #? free, #? in use" - all disk windows
```

Note the quotes around the last pattern, they are needed, because the pattern contains spaces.

1.8 Example

```
Work:gfx/Pix/Back1 TILE ;Standard picture
Work:Gfx/Pix/Romantique ;Workbench window
Work:Gfx/Pix/Disks "#? % full, #? free, #? in use" TILE ;All Disks
Work:Gfx/Pix/Back2 (Prefs|Presets|Devs|System) TILE ;System drawers
```

1.9 Usage

Background can be used both from workbench and from the CLI. In both cases the keyword NOSCAN is accepted. This keyword prevents Background from scanning and changing the background of already opened windows.

```
CLI: background NOSCAN/S
WB:  NOSCAN as a tooltype
```

1.10 Future

included surely:

· Preferences editor à la NickPrefs

· Changing the picture list without terminating the program

probably included:

· reduced program size and memory consuming

Suggestions to the author .

1.11 credits

thanks to these people. Without them I would have never written this program.

David Benn : for his ACE compiler, with which the program was written. See also
        history .

My brother : No one finds as many errors ;-)

Nicola Salmoria : For the Nickprefs, that made me writing this program.

1.12 Known bugs

· very small pictures (<64{x}64) will crash the program
  workaround: use DPAINT to duplicate the picture

· no real bug: it is _not_ possible to remove a patch safely from the
  system.

· when Background is started before the workbench nothing will happen

1.13 Author

Who wants to give a little Gift for his effort to a poor student, send
money, programs etc to :

Roland Haas
Mühlweg 16
77948 Friesenheim
Deutschland

telephone: ++49 7821/68084

1.14 history

The beginnings of the program are unknown even to myself. All began in
november '95, with a load routine for IFF-ILBM pictures. Here is the
documented history since january '96:

```
20.01.1996: V1.15 working version (yea, well nearly)
20.02.1996: V1.20 Mungwall-hit and other things
24.02.1996: V1.21 again a Mungwall-hit
25.02.1996: V1.25 MatchWin and TestHook now assemblers
05.03.1996: V1.30 ViewPic ported to assembler
09.03.1996: V1.31 minor bug in CleanExit
16.03.1996: V1.32 bug in recognizing caller task
```

Starting with V1.25 the routines, the of systems calls, are written in assembler. (A68k).
Starting with V2.0 probably the whole program will be written in assembler.