

**LevelMan\_V0.9**

**COLLABORATORS**

	<i>TITLE :</i> LevelMan_V0.9		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

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# Contents

<b>1</b>	<b>LevelMan_V0.9</b>	<b>1</b>
1.1	LevelMan Guide: Contents . . . . .	1
1.2	LevelMan Guide: Disclaimer . . . . .	1
1.3	LevelMan Guide: Copyright and Distribution . . . . .	2
1.4	LevelManDoor Guide: Introduction . . . . .	2
1.5	LevelManDoor Guide: Installation . . . . .	3
1.6	LevelManDoor Guide: Usage LevelMan . . . . .	4
1.7	LevelManDoor Guide: Usage LevelDef . . . . .	6
1.8	LevelManDoor Guide: Known problems & bugs . . . . .	7
1.9	LevelManDoor Guide: Famous Last Words . . . . .	7

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## Chapter 1

# LevelMan\_V0.9

### 1.1 LevelMan Guide: Contents

```
*****
**                                     <LevelMan User Manual>                               **
*****
```

Please select any of the topics listed below.

```
Disclaimer
Copyright and Distribution
Introduction
Installation
Usage LevelMan
Usage LevelDef
Known problems & bugs
Famous Last Words!
```

### 1.2 LevelMan Guide: Disclaimer

```
DISCLAIMER
=====
```

The author cannot be held liable for the suitability or accuracy of this manual and/or the program(s) it describes. Any damage directly or indirectly caused by the use or misuse of this manual and/or the program

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it describes is the sole responsibility of the user her/him self.

However, to aid in developing this program the user is asked in a gentle way to report any strange behaviour of the program.

### 1.3 LevelMan Guide: Copyright and Distribution

COPYRIGHT & DISTRIBUTION

=====

LevelMan V0.9

PRE-RELEASE

(C) Copyright 1997 Blue Heaven Software  
Written using SAS/C V6.57 (C) Sas Institute

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This program is GIFTWARE which means that you may use the executable for as long as you like, if you send a gift that is !

This program may be freely distributed as long as all files are included in the distribution without any modifications.  
This program may \*not\* be uploaded on SITES/BBS's that claim copyrights on the uploaded material.

Commercial distribution of the program and/or it's relative files is \*NOT\* allowed without written permission from the author.

You are welcome to add a translation to this manual in the archive but this gives you no other rights as the ones described above.

### 1.4 LevelManDoor Guide: Introduction

INTRODUCTION

=====

'LevelMan' is a neat "little" program to be used as a door for MAX's BBS (and compatible programs).

Features:

- handles user request/withdrawal of new access level
- handles sysop options to grant/revoke/set/delete request
- simple menu system
- request list for sysop
- config program included

- add your own BBS banner.

My intention was to create a quick & dirty version first, but as I got into it more coding was done for it, and features/options grew with it.

Anyway, enjoy it.

## 1.5 LevelManDoor Guide: Installation

### INSTALLATION

=====

Follow this checklist :

1) add in s:user-startup:

```
assign DOORS: your-doors-dir:           (if not already done)
```

2) create a 'LevelMan' directory in 'DOORS:':

```
cd doors:
mkdir levelman
```

3) copy the LevelMan distribution to 'DOORS:LevelMan/'

4) run

```
LevelDef
to define your configuration,
if your config is unlike the following:
```

```
Level 1 = Guest      Access 1 = 5
Level 2 = Member     Access 2 = 10
Level 3 = Co-sysop   Access 3 = 5000
```

then type 'leveldef force' to define your own.

5) Alter MAX's menu config to add the door:

Key	Func	Extra	LoAcc	HiAcc	Filename
R	34	0	0	10000	DOORS:LevelMan/LevelMan

6) Alter the required menu text

7) Alter the 'DOORS:LevelMan/LevelMan.text' file to your BBS needs

8) Following BBS files should be installed in the exact path:

```
BBS>UserFiles/User.index
BBS>UserFiles/User.data
```

8) All done ! Play...

Now, you(r) (users) can request with this proggy and you can handle these !

## 1.6 LevelManDoor Guide: Usage LevelMan

USAGE LEVELMAN  
=====

Purpose: - Sysop mode -> validate requests  
          delete requests  
          online help  
      - User mode -> post requests  
          delete posted requests  
          online help

Options: - None

Limits : - number of levels = max. 255  
          - a level name      = max. 40 characters  
          - access 10000      = reserved to Sysop = ALMIGHTY SYSOP!

Detail :

-> General:

'LevelMan' will handle level change request from users, for the Sysop it functions as a request handler.

This door contains a separate menu for Sysop or User, this is determined automatically by the program on execution. [1]

First, a banner will be shown (in this version this is the same for both modes). This banner may be normal text or ANSI. It is located in "DOORS:LevelMan/LevelMan.Text". Adapt this to your BBS style.

There is no need to create 2 menu entries in MAX's, one single will do (see [1]).

Also, there are two 'Online Help' files (ANSI or normal text):

```
LevelHeS.Text -> sysop
LevelHeU.Text -> users
```

-> Sysop mode:

The menu contains following choices:

```
Help      - online help
Process   - handle a request
Cleanup   - reorganize datafile
```

Quit - kaboem!

The Sysop will handle access request in following manner:

- 1) Select 'P'rocess request
- 2) Select a request from the on screen list
- 3) 'G'rant, 'R'evoke, 'S'et or 'D'elete the request.
- 4) Confirm the choice

Handling requests types:

Grant - agree with level change  
 Revoke - don't agree with level change  
 Set - agree but only to the specified level  
 Delete - for maintenance.

Cleanup: this function will cleanup the datafile and delete the 'Deleted' request. This is automatically done when the Sysop leaves the door. However, when many requests are alive/handled, he/she may want to do it after handling some requests [and this way shorten the online list when selecting].

-> User mode:

The menu contains following choices:

Help - online help  
 Request - enter a request  
 Withdraw - withdraw the entered request [NOT YET!]  
 Quit - pataat!

The user will request as follows:

- 1) Select 'R'equest
- 2) Enter access level wanted
- 3) Confirm the request

Should be a breeze to work with it. Anyway, there is online help for your daft users.

Errors:

MESSAGE	DESCRIPTION/SOLUTION
LevelDef requires at least Kickstart 2.04	Obvious. Upgrade !
Banner file not found, warn Sysop	Check assigns + LevelMan.Text
Config file not found, warn Sysop	Check assigns + LevelMan.Cfg
Config file version fault, warn Sysop	You are using a config file of an old version. Regenerate using 'LevelDef'



```

Error accessing datafile                               Datafile corrupted, delete it.
=====
Couldn't create datafile, warn Sysop                  Check assigns + directories,etc
=====
Config error [LevelMan][NumberOfLevel                 Config file incomplete,run 'LevelDef'
=====

```

#### TECHNICAL NOTES

-----

- I used the safest method of accessing the datafile, thus every change the file needs to be opened/closed. Shouldn't give an overhead since record size is quite small.
- I've added simple file version control, not really necessary. This to make future enhancements easy. Eg. convert your old config/datafile to the new one as it appears.

## 1.7 LevelManDoor Guide: Usage LevelDef

### USAGE LEVELDEF

=====

Purpose: create/list/check configuration for LevelMan.

Options: LIST/S checks existence/readability of config file

FORCE/S overwrite old existing configuration.

Limits : - number of levels = max. 255  
 - a level name = max. 40 characters  
 - an access = 0 upto 9999 (SYSOP = 10000)

Detail :

-> Default execution: LevelDef [CR]

----- cut -----

```

*      LevelDef V1.0 By Chris De Maeyer      *
* (c)1997 Blue Heaven Software - GIFTWARE *

```

We will now set the default values...

How many levels do you have (excl.Sysop): 3

Now we will set the levels...

[NOTE: level 1 = lowest (fe. Guest)

```

Enter name level      [1]: Guest
Enter access level    [1]: 5
Enter name level      [2]: Member

```

```

Enter access level   [2]: 10
Enter name level     [3]: Co-sysop
Enter access level   [3]: 5000

```

Configuration complete !

----- cut -----

Errors:

MESSAGE	DESCRIPTION/SOLUTION
LevelDef requires at least Kickstart 2.04	Obvious. Upgrade !
Path DOORS:LevelMan not found	Did you 'assign DOORS:' ? Did you 'mkdir DOORS:LevelMan' ?
File already exists	Issue option FORCE if needed

## 1.8 LevelManDoor Guide: Known problems & bugs

KNOWN PROBLEMS & BUGS

=====

\*LEVELDEF\*

- None reported.

\*LEVELMAN\*

- this program can only be run as a door, running it as a CLI program will \*\*\* CRASH \*\*\* your system.

## 1.9 LevelManDoor Guide: Famous Last Words

FAMOUS LAST WORDS

=====

Future

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Expect following enhancements...

\*LEVELMAN\*

- user withdraw function  
- changes needed for support  
of the programs below

\*LEVELDEF\*

- execution from WB  
- your brainwaves...

- seperate banners for menus user/sysop
- files, paths, etc configurable
- your thoughts...

\*LEVELREP\*

- keeps track of things
- statistics
- your wildest dreams...

\*LEVELUPD\*

- updates access on dates
- your wettest desires...

\*LEVELCLN\*

- offline datafile cleanup
- your suggestions...

Previous mentioned enhancements will appear if users motivate me.

Bugs/Questions/Propositions/Donations/Gifts

-----  
email: cdemaeyer@mmm.com

snail:

address

Availability

-----  
New versions will be available in PUBLIC DOMAIN as they appear.

Greetings & thank you's

-----  
Greetz : - all the guys & dolls at "3M Belgium" [Diegem]  
- my general Amiga product store "Click!" [Wilrijk]  
- all users whom lost their marbles on an "Amiga"

Thanks : - for original idea : Badmuts

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