00000000-0

COLLABORATORS

	TITLE : 00000000-0		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 5, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

00000000-0

1.1 Guide to MBRS v2.0!

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    1996

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Greetings!
    Feel free to call my BBS: EXPOSiTiON, +46-8-7773824 if you' ←
        ve got
ideas/bugreports/questions/suggestions etc.
There's also a MBRS-support-section here, with extra-utils/doors etc!

1.2 Conditions of use

The MAX's Byte Ratio System (MBRS) is copyright (c) Mikael ←
    Kinnunen 1996.

You may spread and distribute the DEMOVERSION, in the condition that you
do NOT take any charges for it (except the price of a disk).
Nor are you allowed to re-distribute the archive with any changes/additions.

A registered version must NOT be spread or distributed.

You must NOT change/manipulate any executable files in the archive, even
for use on your own BBS. Else it'll be considered a breach of copyright,
and actions will be taken – please remember this.

Disclaimer
~~~~~~~~~~
The author takes no responsibility for any problems which may occur by using
the product. There's no reason to believe there will be, if the product is
used as the documentation describes.

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1.3 Introduction

                The development in MBRS started sometime in 1994, and has now ←
                    (-96) come
to its second version, that includes lots of features.
Here are SOME good ones..

* FILE_ID.DIZ support for LHA, LZH, LZX, DMS, ZIP archives, and all
  kinds of textfiles.
* Optional byteratio for each user.
* Optional creditfactors for seperate fileareas, and specific files,
  i.e you are able to set exactly the percentage that will be drawn for
  downloads.
* Free download on all files in a fast way – great for anniversaries.
* You may change descriptions, move, delete, nuke files.
* You may edit users byteratios, set UNLIMITED ratio and allowed downloads.
* Users may raise their own accesses, byteratios when they have uploaded
  enough (compared to what's configured).
* Works fine with multinode-systems.
* Easy for you programmers to write extra doors/utilities for it.

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1.4 Installation (from scratch)

                If you already have MBRS v1.0 installed, click
                here
                 1) Copy the MBRS directory to Doors:

 2) Assign MBRS: Doors:MBRS from CLI, and also put the line in
    user-startup, or startup-sequence.

3) Move all files from the directory MBRS:ARCHIVERS to Sys:C

4) Make sure that the lines 181, 182, 187, 188, 189, 190 (in MAX's Text-
   editor) look like this:

^[[30m

5) Load MBRS:CONFIG/FileDevices.cfg into an ASCII-editor, and put in all
   of your own filepaths. Make sure "Files File Path" is put in the top.

6) Also edit MBRS:CONFIG/DefaultRatio.cfg and
   MBRS:CONFIG/DefaultByteAcc.cfg as you desire. The values in the files
   will be used as default, where DefaultRatio.cfg contains the byteratio,
   and DefaultByteAcc.cfg the amount of bytes that new users will get for
   free.

7) Now edit MBRS:CONFIG/FileArea.cfg as follow:

   Each filearea is divided in 6 lines, and then comes an empty-line.

   Line 1: The string users will enter to jump to the area.
        2: The section-number for the area.
        3: The menu-number to jump to.
        4: Minimum-access users got to have, in order to reach the area.
           If a negative value is given, the users will be able to list
           and upload, but not download from it. For example:
           -5000 means that users with less than access 5000 won't be
           able to download, but upload and list etc.
        5: The factor of how much credits that will be drawn for files
           downloaded from the area. In other words – the percentage
           divided by 100.
           A factor of 1 will result in normal credit-taking (100%).
           One of 0.3 will be 30%, one of 0 will mean free download etc.
        6: The areaname. It'll be used by the filelisters.

   Make sure all of your fileareas are in here.

8) If you want seperate files, with different "credit-factors" set for
   them, edit MBRS:CONFIG/SpecialFiles.cfg to suit your needs.
   Works the same way as in line 5 of each filearea.
   Enter the filename (without path), and on next line you enter the
   factor, then an empty line before next etc..

9) Run MBRS:DLCheck (from CLI)
   This will log all downloads, and take some time (approx. 10 mins per
   2000 downloads). NOTE: If you want to start from scratch, and ignore
   all the old downloads – simply delete BBS:LogFiles/DnLoadLog.text and
   just don't run MBRS:DLCheck as said above.

   If you receive an error-message, something like: Couldn't handle user..
   then you have some user(s) with "strange" names, that can't be handled.
   This problem occurs with PC-users, so you've got to remove or change
   all usernames that have any of these (3 last swedish) letters BOTH
   in the user editor of MAX's and in the BBS:LogFiles/DnLoadLog.text.

10) Run MBRS:ULStarter (from CLI)
    This will log all uploads. Takes approx. 1 minute per 200 users.

11) Run MBRS:DescStarter (from CLI)
    This will deflate the FILE_ID.DIZ from all your files online.
    It'll take some time too, but don't hesitate! ;)

12) Now you're going to put up some doors in your menus.
    All doors are to be used with menufunction #34 as usual.

    AutoRaiser - Raises users accesses automatically.

                Edit MBRS:CONFIG/AutoRaiser.cfg if you want.
                In its config, there are some text lines in the top -
                then follow different levels.

                Line 1: Amount of bytes to reach the level
                Line 2: Access that will be given
                Line 3: Ratio that will be given

                NOTE: Keep the last level!

                Put it wherever you want. I've got mine in the main.

                (This door isn't needed to get the rest to run.
                  So if you don't want it - simply don't use it.)

    FileEditor - Edit descriptions, move/delete/nuke files.

          ---> Make sure you always use this door instead of MAX's
          ---> own fileeditor when you move/delete.

                Sysops (axx 5000+) may kill (nuke) all files.
                Users may kill only the files uploaded by themselves.
                Sysops may also "delete" files, so the uploaders keep
                their credits but the files get deleted.

                Put it in each filearea.

    UserEditor - Edit users byteratios/accounts etc.

                Put it wherever you want.

    UnMarkAll - Will un-mark all marked files by a specific user.

                Put it in each filearea.

    UserStati* - Will show some information for the user.

                Put it in either intro- or maindoor.text.

    ULoad   - The upload door.

                Edit MBRS:CONFIG/ULoad.cfg as follow:

```
                    Line 1: Path to a textfile that will be shown before
                            upload. For example, an upload-rules text.
                            Make this line empty if you don't want this.
                    Line 2: Path to another textfile that will be shown
                            before upload. For example, a toplist.
                            Make this line empty if you don't want this.
                    Line 3: Command line, that will be executed after upload.
                            Make this line empty if you don't want this.

                    Put it in each filearea, and give it an argument for a path
                    where the files will be uploaded to;

                    MBRS:ULoad <path>

                    The path MUST be terminated with either : or /


    DLoad       - The download door.

                    Edit MBRS:CONFIG/DLoad.cfg like in ULoad.cfg, except that
                    this has only 2 lines, where the first is a textfile-path
                    and the second, the command line.

                    Put it in each filearea.


    FileArea    - Goes to a specific filearea.

                    Change MBRS:CONFIG/FilesMenu.text as you want in an ansi-
                    editor.

                    Put this in your main-menu and each filearea.

                    If you give an argument to it, which contain the string
                    a user will have to enter to get there - it will jump to it
                    automatically;
                    MBRS:FileArea [<string>]

                    If no argument is given, users will be prompted.


    FileLister
       FORW     - Lists old->new files.

    FileLister
       RVRS     - Lists new->old files.

    FileLister
       CSRC     - Searches for files in current area.

    FileLister
       GSRC     - Searches for files globally.

    FileLister
       CNEW     - Lists new files in current area.
```

```
    FileLister
       GNEW     - Lists new files globally.
                  Takes an argument. If you want to run it automatically
                  on login - copy this file to Doors: and write in intro-
                  or maindoor.text:
                  FileListerGNEW ?
                  And users will be asked whether they want to list new files
                  or not.

                  Put all FileLister-doors in each filearea.
```

13) Make the CLI-programme Update run automatically after logoff, by
    enter MBRS:Update in "Execute on logoff:" (in System configure),
    or if you have a script, simply add it there.

14) Since the door FileArea shows a textfile when run, which is named
    MBRS:Config/FilesMenu.text - you should edit this one, or copy your
    old filesmenu to that file.

-- FINISHED! --

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                Main

1.5   Upgrade from v1.0 -> v2.0

                (Do the following steps only if you already have the v1.0 ←
                  installed)

 1) Copy the MBRS directory to Doors:

 2) Assign MBRS: Doors:MBRS from CLI, and also put the line in
    user-startup or startup-sequence.

 3) Move all files from the directory MBRS:ARCHIVERS to Sys:C

 4) Make sure that the lines 181, 182, 187, 188, 189, 190 (in MAX's Text-
    Editor) look like this:

^[[30m

 5) Replace MBRS:CONFIG/FileDevices.cfg with your old one, and make sure
    the "Files File Path" is placed in the top.

    Replace MBRS:CONFIG/DefaultRatio.cfg with your old one.

 6) Edit MBRS:CONFIG/DefaultByteAcc.cfg as you desire.
    It contains the value of available downloads in bytes, new users will
    get for free.

 7) Now edit MBRS:CONFIG/FileArea.cfg as follow:

    Each filearea is divided in 6 lines, and then comes an empty-line.

    Line 1: The string users will enter to jump to the area.

2: The section-number for the area.
3: The menu-number to jump to.
4: Minimum-access users got to have, in order to reach the area.
   If a negative value is given, the users will be able to list
   and upload, but not download from it. For example:
   -5000 means that users with less than access 5000 won't be
   able to download, but upload and list etc.
5: The factor of how much credits that will be drawn for files
   downloaded from the area. In other words - the percentage
   divided by 100.
   A factor of 1 will result in normal credit-taking (100%).
   A factor of 0.3 will have the effect of only 30% etc.
6: The areaname. It'll be used by the filelisters.

As you can see, line 5 and 6 are new for MBRS v2.0.
Make sure all of your fileareas are in here.

8) If you want seperate files, with different "credit-factors" set for
   them, edit MBRS:CONFIG/SpecialFiles.cfg to suit your needs.
   Works the same way as in line 5 of each filearea.
   Enter the filename (without path), and on next line you enter the
   factor, then an empty line before next etc..

9) Run MBRS:DescStarter (from CLI)
   This will deflate the FILE_ID.DIZ from all your files online.
   It'll take some time, but don't hesitate =)

10) Now put up these doors in your menus.
    All doors are to be used with menufunction #34 as usual.

    AutoRaiser - Raises users accesses automatically.

                Edit MBRS:CONFIG/AutoRaiser.cfg if you want.
                In its config, there are some text lines in the top -
                then follow different levels.

                Line 1: Amount of bytes to reach the level
                Line 2: Access that will be given
                Line 3: Ratio that will be given

                NOTE: Keep the last level!

                Put it wherever you want. I've got mine in the main.

                (This door isn't needed to get the rest to run.
                  So if you don't want it - simply don't use it.)

    FileEditor - Edit descriptions, move/delete/nuke files.

                Make sure you always use this door instead of MAX's
                own fileeditor when you move/delete.

                Sysops (axx 5000+) may kill (nuke) all files.
                Users may kill only the files uploaded by themselves.
                Sysops may also "delete" files, so the uploaders keep
                their credits but the files get deleted.

```
                   Put it in each filearea.


   UserEditor - Edit users byteratios/accounts etc.

                   Put it wherever you want.


   UnMarkAll  - Will un-mark all marked files by a specific user.

                   Put it in each filearea.


   UserStati* - Will show some information for the user.

                   Put it in either intro- or maindoor.text.


   ULoad      - The upload door.

                   Edit MBRS:CONFIG/ULoad.cfg as follow:

                   Line 1: Path to a textfile that will be shown before
                           upload. For example, an upload-rules text.
                           Make this line empty if you don't want this.
                   Line 2: Path to another textfile that will be shown
                           before upload. For example, a toplist.
                           Make this line empty if you don't want this.
                   Line 3: Command line, that will be executed after upload.
                           Make this line empty if you don't want this.

                   Put it in each filearea, and give it an argument for a path
                   where the files will be uploaded to;

                   MBRS:ULoad <path>

                   The path MUST be terminated with either : or /


   DLoad      - The download door.

                   Edit MBRS:CONFIG/DLoad.cfg like in ULoad.cfg, except that
                   this has only 2 lines, where the first is a textfile-path
                   and the second, the command line.

                   Put it in each filearea.


   FileArea   - Goes to a specific filearea.

                   Replace MBRS:CONFIG/FilesMenu.text with your old one in
                   BBS:Menus/

                   Put this in your main-menu and each filearea.

                   If you give an argument to it, which contain the string
```

```
                         a user will have to enter to get there - it will jump to it
                         automatically;
                         MBRS:FileArea [<string>]

                         If no argument is given, users will be prompted.


     FileLister
        FORW    - Lists old->new files.

     FileLister
        RVRS    - Lists new->old files.

     FileLister
        CSRC    - Searches for files in current area.

     FileLister
        GSRC    - Searches for files globally.

     FileLister
        CNEW    - Lists new files in current area.

     FileLister
        GNEW    - Lists new files globally.
                         Takes an argument. If you want to run it automatically
                         on login - copy this file to Doors: and write in intro-
                         or maindoor.text:
                         FileListerGNEW ?
                         And users will be asked whether they want to list new files
                         or not.

                         Put all FileLister-doors in each filearea.
```

11) Make the CLI-programme Update run automatically after logoff, by
    enter MBRS:Update in "Execute on logoff:" (in System configure),
    or if you have a script, simply add it there.

12) Since the door FileArea shows a textfile when run, which is named
    MBRS:Config/FilesMenu.text - you should edit this one, or copy your
    old filesmenu to that file.

- Make sure that ALL new doors are used everywhere instead of the old ones
  in v1.0!

-- FINISHED! --

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1.6   Upgrade from v2.0 Demo -> registered v2.0

```
                If you've got the demo of v2.0 installed, simply replace all of  ←
                   your old
doors/programmes with your new (registered) ones, and that's it!
```

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1.7 Configuration

                    Here are the configuration possibilities listed for each door/ ↩
                        programme
in alphabetically order..

AutoRaiser   : In its configurationfile (AutoRaiser.cfg) you may edit
                 all comments that users will receive, and all different
                 levels. Each level consists of 3 lines, with an empty line
                 before next level.
                 Line 1: Amount of bytes the user has to upload before he
                         reaches this level.
                 Line 2: Access that will be given.
                 Line 3: ByteRatio that will be given.

                 Note: Keep the last level, with the amount 0 intact.

CleanUp   : This programme deletes all deleted users' userfiles, which
                 no longer are needed.
                 So run this for about once a month or so.

DescStarter   : No configuration.

DLCheck   : (This programme is automatically used by DLoad and all
                   filelister-doors)

                 If you want FREE DOWNLOAD on all files, simply create a
                 file named MBRS:CONFIG/FreeDL.text
                 That will automatically be shown when DLoad is run, so if
                 you want to tell your users the reason why you've set free
                 download – this is a good way.

                 If you want seperate files, with DIFFERENT "CREDIT-FACTORS"
                 set for them, edit MBRS:CONFIG/SpecialFiles.cfg to suit your
                 needs. Works the same way as in line 5 of each filearea.
                 Enter the filename (without path), and on next line the
                 factor – then an empty line before next file etc..

                 If you'd like to restart the BBS:LogFiles/DnLoadLog.text,
                 when it's far too big and causes looong time to log
                 each new download – simply delete it, AND MBRS:DL.data.

DLoad   : In its configurationfile (DLoad.cfg) you may edit two lines;
                 Line 1: Path to textfile that will be shown at start.
                 Line 2: Command line that executes after transfer.

                 If you don't want one of them, just leave that line blank.

FileArea   : In its configurationfile (FileArea.cfg) all fileareas are
                 set-up. Each filearea is divided in 6 lines, and then comes
                 an empty-line.

```
                        Line 1: The string users will enter to jump to the area.
                             2: The section-number for the area.
                             3: The menu-number to jump to.
                             4: Minimum-access users got to have, in order to reach
                                the area.
                                If a negative value is given, the users will be
                                able to list and upload, but not download from it.
                                For example:
                                -5000 means that users with less than access 5000
                                won't be able to download, but upload and list etc.
                             5: The factor of how much credits that will be drawn
                                for files downloaded from the area. In other words,
                                the percentage divided by 100.
                                A factor of 1 will result in normal credit-taking
                                (100%). One of 0.3 will be 30%, 0 will be free dl..
                             6: The areaname. It'll be used by the filelisters.

                        If an argument is given to FileArea, consisting a string
                        that users will have to enter in order to jump to a specific
                        area (1:st line of each filearea in FileArea.cfg) - it'll
                        automatically jump to that area.

                        FileArea [<string>]

                        If no argument is given - FileArea will show
                        MBRS:CONFIG/FilesMenu.text and prompt as normal.

FileEditor     : No configuration.

FileLister*    : In its configurationfile (FileLister.cfg) you may alter the
                 ansi colourcodes to suit your needs. Each colourcode is
                 described in the conf.file.

                 The files; MBRS:CONFIG/DLHeader.text
                                       FileListerHelp.text
                                       Paused.text
                 ..can be changed.

FileListerGNEW: Takes, in difference to the other filelister-doors an
                 argument;

                 FileLister ?

                 And will ask the user whether he wants to check for new
                 files or not. Without '?' the -GNEW will go on but not ask.

ULCheck        : No configuration.

ULoad          : In its configurationfile (ULoad.cfg) you may edit three
                 lines;
                 Line 1: Path to textfile (UL-rules for ex.)
                 Line 2: Path to textfile (toplist for ex.)
                 Line 3: Command line that will be executed after transfer.

                 If you don't want one of them, just leave that line blank.

                 You may also edit MBRS:CONFIG/DescHeader.text
```

```
ULStarter     : No configuration.

UnMarkAll     : No configuration.

Update        : No configuration.

UserEditor    : No configuration.

UserStatistics: No configuration.

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```

1.8 Local upload(s) (by sysop)

```
                  In order to perform "local" upload(s) - follow these steps;
```

* Add the file(s) like you use to (in the Files Editor of MAX's) but do NOT
  click the SAVE-button.

* Instead - flip to another node, and do like users, press 'U' so that ULoad
  gets executed.

* When the transfer-window appears, flip to the first node and click SAVE.

* Done.. Now step back to the node with the transfer-window, and abort it.
  Now it'll deflate eventual FILE_ID.DIZ's, or you may write your own long
  ones, if you feel to!

```
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```

1.9 Information for you programmers

```
                  The files you may have use of, when writing doors/utils for MBRS  ←
                      are
found in:

 MBRS:EXTRA
 MBRS:UL
 MBRS:DL
 MBRS:MARKEDFILES
 MBRS:FILE_IDS

In the directories EXTRA, UL, DL and MARKEDFILES - the datafiles are named
with usernames, except all spaces (' ') are made into '_' letters as you
can see.

In EXTRA - datafiles contain following:

 Line 1: Byteratio
```

```
 Line 2: Correction-amount. (extracorr)
 Line 3: Last date the user accessed the files.

In UL - datafiles contain following:

 Line 1: Uploaded bytes
 Line 2: Correction-amount. (ulcorr)

In DL - datafiles contain following:

 Line 1: Downloaded bytes
 Line 2: *NOT USED*


Note: Use this formula to calculate the correctly amount of available
      downloads:

      alloweddls = ((ratio*(ulbytes+ulcorr))-dlbytes)+extracorr;


In the directory FILE_IDS there are subdirectories in it.
Each subdirectory is named with the sectionnumber, and within it the
datafiles are named with same name as the file each description/datafile
belongs to.

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```

1.10   Limitations of the demoversion

```
                Following limitations won't be present in the fully (registered)  ←
                    version:

* Annoying time-delays.
* User will be able to download, even if his account doesn't allow it.
* Only 3 lines in each filedescription will be shown in filelists.
* Download disabled in filelists.

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```

1.11   How to register

```
                The actual price of MBRS v2.0 is 150 SEK (swedish crowns)

There are two ways to register it;

* Either by sending the money (150 SEK) in an envelope (put them between 2
  papers) to me, and a notice within it that contains:

  NAME, BBS-NAME, BBS-PHONE-NUMBER, what COUNTRY you live in and that you
  want to register MBRS v2.0. Also a short PASSWORD that I can use to set
```

    up a user-account for you here.

    to the address: Mikael Kinnunen
                     Myrmalmsringen 88
                     136 65 Haninge
                     SWEDEN

* Or by inserting the money (150 SEK) to my Postal-Giro account: 616 40 05-8
  and you shall be able to write a small notice on it too.
  I want it to contain:

  NAME, BBS-NAME, BBS-PHONE-NUMBER, what COUNTRY you live in and that you
  want to register MBRS v2.0. Also a short PASSWORD that I can use to set
  up a user-account for you here.

  In this way, the Postal Giro Service will send me the notice you wrote,
  together with a notice that the money have reached my account.

As soon as I get informed that the money is here - I'll set up a user-
account for you with your NAME and PASSWORD specified on the notice,
register (with your name specified on the notice), compile and attach the
package on a private message to you on my BBS:

EXPOSiTiON BBS .... +46-8-7773824

Regards, Mikael Kinnunen

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1.12 Greetings!

                Big thanks & greetings to:

Christian Vigård for the great creating in extra doors and utils to MBRS
and for beta-testing!

Henrik Olsson also for creating extra doors!

Anthony Barrett for MAXsBBS!

.. and ofcourse all of you that came with those brilliant ideas and
bugreports! ;)

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