BelchCHECK

COLLABORATORS			
	TITLE : BelchCHECK		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		February 12, 2023	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

BelchCHECK

1.1   "

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BelchCHECK v2.0b by Noisy Belch/LOGIC

S!X v0.39r3+ ONLY

This Door is PROTECTED against the LAME /X.info or "COMPATIBLES"
I DONT code Doors for other peoples MISTAKES or PD BBS SOFTWARE

Installation of BelchCHECK v2.0b

Trouble Shooting

Scripts

FreeDownLoad Maker

History

1.2   install

If you had any versions of BelchCHECK which are lower than v2.0b ↩
then

DELETE the #?.config File NOW!

The whole Checker consist of the three XIM doors

                    ARCCHECK, BGCHECK and EXAMINE

which must be all placed in the BBS:SYSTEM/ directory

Copy them NOW!

DONT rename the XIM door called EXAMINE if there is already another door
called EXAMINE in your BBS:SYSTEM/ directory because the EXAMINE door must
be startet first before all other EXAMINE doors because it waits until the
BackGroundChecker (BGCHECK) has finished its job... that is very important!
If you already have another door in the BBS:SYSTEM/ directory called
EXAMINE rename it to EXAMINE2 and if there is already a door called
EXAMINE2 rename it also and so on...

Now the NEXT step!

Create the directory DOORS:BelchCHECK/
In this directory all script, #?.config and #?.header files take place
If you forgot to create it BelchCHECK will do it automatically but that
wouldnt sense because in that case BelchCHECK still wont find the needed
Script and #?.config files...

The Scripts are all these files who have the extension of the uploaded
files as Filename... It is also possible to have different scripts for
different conferences just add to the script name '.<confnumber>'
and in that cnference only that script would be executed for files with
that extension...
For example... you have a script called LHA.2 then all uploads called
TEST.LHA in conference 2 will start that script...

All scripts must be placed in DOORS:BelchCHECK/

Make sure that you check through all Scripts and change them if necessary
If you miss a script for a filetype then create it by yourself and follow
the hints and tips in...

                Scripts
                I included the UdLog "routines" from ByteKILLER (by ByteAndi) and
BossNUKE (by BiG BOSS) if you use one of these nukers or both you can remove
their original UdLog door from the BBS:SYSTEM/ NOW(!)

after that you can start BelchCHECK from the EXPRESS Commandline with
[U C] or [U] to do the online configuration...

Enter the Online Configuration NOW!

            Select the NODES where the UPLOADS should be CHECKED

                    ....:....:
                    [_XXXX_____]

This is the first Online Configuration option...
Here you can enable/disable the filechecking for every node..
For example if your local node is 0 then the setting above would cause that
all lines in the script which contain
[-ERROR-] or [-TEST-] (See:
                Scripts
) will be skipped...

                         Press [SPACE] and then [RETURN]

                           [BGCHECK ENABLED] DISABLED

This is the next Online Configuration option...
Here you can enable/disable the background checking... all other functions
will still work.. so all sysops wit a slow cpu can now also use the
BelchCHECK script language system ... eheh you'll love it...

*** Important: The BGCHECK of BIDIRECTIONAL transfers is always disabled(!)
              You can enable it by creating a dummy file named
              'DOORS:BelchCHECK/BIDIRECTIONAL' ... but BelchCHECK still
              doesnt support SMODEM and sometimes HYDRA makes still problems
              but that is not my fault...

                         Press [SPACE] and then [RETURN]

         [STRIP CORRUPT UPLOADS TO 0 BYTES] DONT STRIP CORRUPT UPLOADS

This is the next Online Configuration option...
If 'strip corrupt..0 bytes' is activated and the uploaded files was corrupt
BelchCHECK will strip the upload to 0 bytes before it gets to the hold...

             Select the NODES where the DUPECHECKER should be ACTIVE

                           ....:....:
                           [XXXXX_____]

This is the next Online Configuration option...
Here you can enable/disable the dupechecking for every node..
For example if your local node is 0 then the setting above would cause that
the dupechecker will be skipped

          Select the CONFERENCES where the DUPECHECKER should be ACTIVE
          and where WILDCARDS should be used instead of the EXTENSIONS

                     [x] LogFile ON and WildCards ON
                     [X] LogFile ON and WildCards OFF
                     [g] GlobalLogFile ON and WildCards ON
                     [G] GlobalLogFile ON and WildCards OFF
                     [_] DupeChecker OFF

```
                        ....:....:....:....:....:
                        [XGggG_____]
```

This is the next Online Configuration option... It controlls the Build-In
Dupechecker...
Below you see a Input display for the maximum of 25 conferences... If you use
less than 25 conferences then ignore all conferences above your highest one..
so take a look at it.. its pretty selfexplaining..
If you have activated the GlobalDupeLog [G] then the Build-In DupeChecker will
search in the file called BBS:GlobalDupeLog for a duplicate upload from all
conferences where GlobalDupeLog is activated!!
If you have activated the simple DupeLog then the Build-In DupeChecker will
search only in the file called BBS:<conference>/DupeLog for a duplicate upload!

Question: What does 'WILDCARDS instead of the EXTENSIONS' mean?!?

Answer: If you have WILDCARDS for that conference activated the
        Build-In DupeChecker will search after the upload of TEST.LHA for
        TEST.* (TEST.#?) in the DupeLog...

*** Correction: Of course the intern routine of the Build-In DupeChecker
    wont use '#?' or '*' after the '.' ... but its easier to explain it that
    way...

                        Press [SPACE] and then [RETURN]

                   STRIP DUPES TO 0 BYTES [DONT STRIP DUPES]

This is the next Online Configuration option...
If you have 'strip dupes to 0 bytes' activated and the Build-In DupeChecker
finds a duplicate in the DupeLog(s) the upload will be stripped to a length
of 0 bytes and moved to the hold...

                        Press [SPACE] and then [RETURN]

               CONFERENCE MOVER ENABLED [CONFERENCE MOVER DISABLED]

This is the next Online Configuration option...
This enables/disables a option that allows to change the conference after the
file was checked.. so the user can upload all files at once and move them
then to different conferences.. very useful if the upload was done with hydra
and it doesnt matter if the BGCHECK WHILE HYDRA option was enabled or
disabled becuse this is part of the ARCCHECK door and as you know that door
even works with out the EXAMINE or BGCHECK door.. so turn it always on if you
like that option... it works of course also on normal non-hydra uploads..

BelchCHECK is installed now..

Thanks to SiGMA SEVEN!, - GALAXY -, Elvin, Whiz, P0t-No0dle
and all beta testers
```

Take also at the
                     FreeDownLoad Maker
                     part a close look...
because since v2.0 BelchCHECK is able to make uploads automatical
FreeDownLoadeable by detecting the file PREFIX...


## 1.3   scripts

To make it simple... these Scripts work like the startup-sequence in your
S: dir... hmm there is only ONE difference... You have different so called
VARIABLES which will be replaces or recognized by BelchCHECK before it executes
the script... You'll see now a list and short explaination of all possible
VARIABLES you can/must use in scripts...

[-PATH-]      will be replaced by the Archive-/Filename with path
[-FILE-]      will be replaced by the Archive-/Filename only
[-ELIF-]      will be replaced by the Archive-/Filename only but reverse
[-XFILE-]     will be replaced by the Archive-/Filename without extension
[-XELIF-]     will be replaced by the Archive-/Filename without extension but
              reverse
[-X-]         will be replaced by the Extension only
[-PRE-]       will be replaced by the Prefix of the Archive-/Filename

*** Huh?: A prefix is for example the ATX when the file is called
        ATX-1234.LHA... Everything which is upto 4 chars long and which
        has a '-' or '_' after it is a PREFIX!

[-DIZ-]       will be replaced by the name of the File Description in the
              BBS:Node<x>/Work dir with full path

*** Important: If the File Description is NOT present at that time BelchCHECK
               finds the [-DIZ-] Variable in the script it wont work correctly!

[-NODE-]      will be replaced by the Node Number
[-CONF-]      will be replaced by the Conference Number
[-SLOT-]      will be replaced by the User Number
[-HANDLE-]    will be replaced by the User Handle
[-LOCATION-] will be replaced by the User Location

[-HIDE-] when BelchCHECK executes this line, NO output to the screen will be
        given
        You can place the Variable in the line wherever you want
        BelchCHECK will remove it
        BelchCHECK converts "[-HIDE-]Delete ram:#?" to "Delete ram:#?"
        or even "[-HIDE-]Del[-HIDE-]ete ram:#?" to "Delete ram:#?"
        or even "Delete ra[-HIDE-]m:#?" to "Delete ram:#?"
        Its the same with the [-TEST-] and [-ERROR-] Variables!!

*** Important: The following VARIABLES are responsible for the
    Archive-/FileCheck

[-TEST-]  this is a line where the file gets checked BelchCHECK realizes that
        this line starts the Archive-/FileCheck the Variable is only there
        to let BelchCHECK know that it must COMPARE THE OUTPUT with the
        defined Errormessage(s)

[-ERROR-] this line will NOT be executed BelchCHECK realizes that this line
          contains a possible Errormessage of the Archive-/FileChecker
          You can enter upto 10(!) different lines with different Errormessages
          and it doesnt matter where you place the [-ERROR-] Variable
          BelchCHECK converts "[-ERROR-]WARNING:" to "WARNING:" the Variable
          is only there to identify this line as Errormessage

You can place the lines with the [-TEST-] and [-ERROR-] Variables everywhere
It doesnt matter because BelchCHECK is smart enough to find them

If you dont want to Check files then dont use the [-TEST-] and/or [-ERROR-]
as Variables

Of course all Variables and even the Errormessages are NOT case sensitive


## 1.4   history

```
*****************************************************************************
Dont pay attention to explainations in this history because there has been
changes which are not marked here because i was to lazy...
*****************************************************************************
```

    0.1b lame --- check while upload routines are inside but still not
          activated --- next beta version.. eheh
    0.2b check while upload does/should work now.. but if you run a S!X
          version 0.39q2 or lower it will crash if someone uploads with
          "RZ" ...
    0.3b fixed some small bugs...
    0.4b changed the config menue...
    0.5b should be bug free now...
    0.6b optimized the whole shit a bit..
    0.7b finds now with the new register #909 the right PathName of the
          PlayPen if the Sysop used a different one than the default
          now its S!Express v0.39q5+ ONLY ,..
    0.8b The config file is now splitted into two parts.. one is still the
          online configuration.. and the other one is only for the checkers
          (see the example : belchcheck.config) I think it is pretty
          selfexplaining...
    0.9b forget what i wrote above.. this is now the last change..
          there are two MAIN config files called...

          BelchCHECK.test ---- containds all test strings for every Extension
          BelchCHECK.error ---- contains all errorstring for every Extension

    and ...

          <extension> ---- after the check this file will e executed like
                            a startup-sequence....

          check out the examples ehhe..

  (<extension> --means--> like LHA or LZH or DMS...!!)
   1.0b fixed a little bug... and made it so that also the BGChecher will
        execute the ...

```
        <extension>  ---- after the check this file will e executed like
                           a startup-sequence....

        files.. so file processing becomes again a bit faster than before..
   1.1b added optional wildcard extensions in the online config menu...
        the script ("strartup-sequence") will now also be executed if the file was ←
            not
         checked... (a little bug fix... hmm)
```

```
*****************************************************************************
from now on i'll call the <extension> files which will be executed after check
 ---> SCRIPT <--- oki?!?!
*****************************************************************************
```

```
  1.2b added the Script Variables...

        [-ELIF-] will be the same as [-FILE-] but reverse

  [-XFILE-] will be the Archive-/Filename without extension

  [-XELIF-] will be the same but reverse

  [-X-] will be the Extension only

  [-NODE-] will be the Node Number

  [-CONF-] will be the Conference Number

  ...for scipt file use... (but they also work for the .error and .test files)

  now you are able to include lines like this into the script files:
```

```
-------------------------------cut----------------------
lha a [-FILE-] Adverts:my_lame_board
-------------------------------cut----------------------
```

or

```
-------------------------------cut----------------------
c:dmscli write [-FILE-] to sd[-NODE-]:
c:type sd[-NODE-]:s/startup-sequence
c:delete sd[-NODE-]:#? all
-------------------------------cut----------------------
```

or

```
-------------------------------cut----------------------
lha d [-FILE-] [-XELIF-].NFO #?-#?-#?/#?;#?;#?/[-FILE-]
rename NODE[-NODE-]:ADVERT NODE[-NODE-]:[-XELIF-].NFO
lha a [-FILE-] NODE[-NODE-]:[-XELIF-].NFO
rename NODE[-NODE-]:[-XELIF-].NFO NODE[-NODE-]:ADVERT
-------------------------------cut----------------------
```

```
        eheh i know you'll become a programmer when you keep using my doors.. ;)
   and also take a look at the example scriptfiles..

        you can now also have different scripts in each conference...
```

The script can be named <extension>[.<confnumber>] if BelchCHECK cannot
find <extension>.<confnumber> it will search for <extension> instead

for example.. if the upload of a BLABLA .LHA was in conf #1 then
        belchcheck will first search for the file called

        DOORS:BelchCHECK/LHA.1

        to execute that instead of DOORS:BelchCHECK/LHA .. --- If that file
        doesnt exist belchcheck will use DOORS:BelchCHECK/LHA

##

        ooops.. fixed the bug that BelchCHECK searches for
        <extension>[.<nodenumber>] instead of <extension>[.<confnumber>]..

##

  also made it so that you can now select the coonferences where
        while dupecheck the extension should be replaced by a wildcard!!
        you must reconfigure BelchCHECK with [U C]!!!

  1.3b improved the check routine very much.. should check MORE files in
        the background now.. be cause i rewrote the complete routine which
        was checking the BBS:NODE<X>/RECEIVED_FILES file...

  Also the DupeChecker was Improved and recoded 100%.. Now its one of
        the WORLD FASTEST dupecheckers because he creates and uses an own
  logfile which contains the filenames of all successful uploaded
  files... the logfile is named BBS:<CONF>/DupeLog

  the format is..
  --------------- dont cut ---------------------
  filename1
  filename2
  filename3
  filename4
  filename5
  filename6
  filename7
  filename..
  --------------- dont cut ---------------------
  ...and so on...
        you see that it is no problem to create yer own DupeLog..

  added a anpther kind of dupelog.. its calle GLOBALDUPELOG and located in
        BBS: use [u c] to reconfigure belchcheck... in the BBS:GLOBALDUPELOG
        file belchcheck will store/search filenames from every conference
        which has globaldupecheck in the online config active..
  1.4b From now Belch check will automatically create the Dupelogs by itself
        if they are not present.. added hydra supprt... now its v0.39r2+ only..
        the Dupechecker now creates the dupelog by its own.. !!!!!!!!!!!!!!!!!
  1.5b added the output of p0t-noodles superdupechecker ... you can
        enable/disable it in the online configuration.. removed hydra support
        again.. caused by different problems which will be fixed soon...
  1.6b Even the DupeCheck runs now in the background!!!
        added the a new Script variable for FILE_ID.DIZ ... read the scripts

```
      section for it... removed my own dupechecker design.. it uses now
      only the faked p0t design..
  1.7b many non-optical changes and improvements and bugfixes..
  1.8b raised the limit for errorstrings to 10.... you can enter now upto 10
different error messages... added conference mover and SELECTABLE hydra
because there are still problem with hydra.. and backgroundchecking 8(
replaced all Execute() command with system() and also removed the
      aedoor.library and OPTIMIZED the whole door a bit..
added a new script variable.. i call it [-PRE-] it gets the prefix(!)
      from file names like for example the 'ATX' from 'ATX-1234.lha' or
      'ATX_1234.lha' i also want to inlude a option soon to make files with
      a special prefix automatically a free download!! removed some enforzer
hits..  added a switch to endable/dsable dupe and filechecking
depending on nodes!..
  1.9  first public release...
  2.0b added freedownload maker(!) and made the BGCHECK optional.. that means
      that you can enable/disable te backgroundcheking easily with the
Online Configuration... and fixed the freedownload maker bug...
made also the dupechecker optional for every node....

*** Comment: Caused by a technical problem which i cant change without
             changing something in the main Express programm it's still not
             possible for the freedownload maker to add a tagline under the
             Description... So leave a big EALL message wich files are
             free.. maybe that will workout for you until the problem
             is fixed!... thanks.. ;)
```

1.5   trouble

Q: Weird stuff happens.. the door doesnt work correct! ..

A: Delete all #?.config files and reconfigure it again!

Q: The FreeDownLoad Maker add's no tagline under the description!

A: Caused by a technical problem which i cant change without
   changing something in the main Express programm it's still not
   possible for the freedownload maker to add a tagline under the
   Description... So leave a big EALL message wich files are
   free.. maybe that will workout for you until the problem
   is fixed!... thanks.. ;)

1.6   freedownload maker

Since v2.0 BelchCHECK is able to make uploads automatical FreeDownLoadeable
by detecting the file PREFIX...

The FreeDownLoad Maker is disabled as long as BelchCHECK CANT find the file
called 'DOORS:BelchCHECK/FREEDOWNLOADS' please create that file to enable the
FreeDownLoad Maker and the file *CAN* look like this...

```
------------------------------cut----------------------
A&S
SNK
------------------------------cut----------------------
```

now the FreeDownLoad Maker will make all files with A&S or SNK as prefix a
free download...
you can also use ';' like in the scripts to make comments and so on...
you'll love it eheh...

and dont forget to take a look at the example 'DOORS:BelchCHECK/FREEDOWNLOADS'
file...

The chars '!' and '_' and '-' and '^' are known (by BelchCHECK) as the most
used dividers between the prefix and the rest of the filename..

```
Filename      Prefix

N!ABCDEF.LHA N
A&S-ABCD.LHA A&S
A&S_ABCD.LHA A&S
OS_ABCDE.LHA OS
OS-ABCDE.LHA OS
AB^DEFGH.LHA AB
ABCDEF-H.LHA ABCDEF
ABCDEFG-.LHA ABCDEFG
ABCDEFGH.LHA (No Prefix)
```

*** Comment: Caused by a technical problem which i cant change without
            changing something in the main Express programm it's still not
            possible for the freedownload maker to add a tagline under the
            Description... So leave a big EALL message wich files are
            free.. maybe that will workout for you until the problem
            is fixed!... thanks.. ;)