REVISION.DOC

COLLABORATORS

| | *TITLE* :

REVISION.DOC | | |
| --- | --- | --- | --- |
| *ACTION* | *NAME* | *DATE* | *SIGNATURE* |
| WRITTEN BY | | February 12, 2023 | |

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

REVISION.DOC

1.1   Version 0.4 (11-06-96)

Implemented a small Check Routine for the Conferences.Dat File
if its not existant then Express will create the required Data
File depending on the Information supplied by the ACP.

Dont you love it when you fixed a Bug, tested if the Fix worked
and then one Day later you find out that by fixing the other Bug
you re-introduced an older one? well this happened just now, the
Join Conference Part didnt work anymore if you selected some
Conferences for the MailScan Prefs, but NOW it works again! phew!

Fixed a Bug with the MailScan Presets, forgot to give one
Variable a Value in case of a normal MailScan, thus the
Express would think it was a ReScan and ALWAYS rescan the whole
MessageBases/Conferences...

NEW ACP: Thanks to X/\D and Rikki Ratboy we now have a new
         and slightly updated ACP Controller. You can change
         the ACP Font and it also has the AppIcon back in there
         plus a few Bug Fixes. the new ACP Program is available
         via the update Program, the Information about whats new
         is available in our Support Conference on Synergy.

Changed the NEW Acp to allow Express change its Screen Font, the
new ACP Option is called FONT_NAME . the Format is like this
<Fontname.font>/<Size>
e.g:
NODE* FONT_NAME topaz.font/8
will choose the topaz Font for the Express Screen, Size would be
8 Pixels (thats if i am right with that huh huh)

There seems to be a random Bug appearing on some Files
Express would ask for a new Filename even tho the old one
would fit just fine into the DIR Listings. i'm trying to
fix this.. The Fact that this Bug does not appear on a
regular Basis does not make it easier. Please tell me if
the Bug is still there, thats for those who have encountered
it.

Added another User Setting: Selectable MailScan PER CONF!
yes, just like on Tempest/Fame/AmiExpress the User can now
select in which Conferences he would like to have a MailScan
in upon Login, unless he turned it off completely via the Old
Mailscan Flag... (The old one will override it)...
IF the User wants to scan thru all the Conferences just like
he would without this new Feature he can use the "$" Command
for MsgBase ReScanning. The BBS will also scan for Mail if the
User joins a Conference where he turned the Scan Feature off.
All in all it sums up to this: The Mail Scan Toggles do ONLY
work on the initial Mailscan, the one right when he logs in!

Added Support for an external Message Base/Scanner.
Express will look for a File called <PathtoConf>MAILSCANNER
if found it will first try to execute a Door out of the
Conf<x>.cmd File called MAILSCAN, if Express cannot find
that Door in there it will try and start the <PathtoConf>MAILSCANNER
File as a XIM Door.. just like the BBS:System Files...
The Command Line given to the Door is "MAILSCAN"

By fixing the other Bug, i introduced a new one, it would
somehow mess up the replies sometimes on a few (well...)
Messages, by adding another Return Code behind it, this should
be fixed now...

Fixed a Bug in the Messagebase Header, where it wouldnt print
out the Date the Mail has been received, and didnt show the
Catalog String either.
Fixed a second Bug in the Messagebase were entered Lines would
sometimes appear twice if the Fullscreen Editor has been used.
Thanks to Data Stream for pointing those Things out and helping
with finding the Bug...

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from now its not possible anymore to edit the Sysop's Name unless
the Sysop does it by himself, should prevent joking CoSysop's from
Changing the Sysop's Handle. Idea by Data-Stream.

Fixed a small Bug in the Catalog File, one part of the MSGBase
when the Mail was Received it would still have one part left of
the old MsgBase Design, this is fixed.

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from now on it is not possible anymore to delete Account Slot No.1
(usually the Sysop One) also no one but Account Slot #1 will be
able to change Slot #1's User Level, this should add some bit
of Security or Pranks made to the Sysop Account.

(based upon an idea by Data-Stream)

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in case of a low space situation WHILE someone is uploading
express will now skip all files which do not fit on the disk
anymore

NOTE: if any of these new Routines do NOT work, let me know asap!
      Just email me at siegma@teuto.de ! (its no typo, it IS siegma)

In case the free Amount of Space on the Upload Drive falls below
2 Megabytes, Express will now look for a Script called
"BBS:Utils/FreeSpace.script" and execute it, you can place some
"Automatic Make more Upload Room" Program in there, such as
"OffLine V1.14 by AIRWOLF" ((c)1991 :)) to let the BBS automatically
take care of the Free Upload Bytes Stuff.. you could aswell use some
Automatic Move Utility as the one done by SNARF a few Years ago.
However i dont have that one, but those who would like to have the
OFFLINE Tool, let me know...
Besides that: The script will only be run asynchronous, like you
would issue the RUN Command to it. The User will get a Message telling
him to try uploading again in a few Minutes..

Fixed a Bug for Guys converting from AmiExpress to s!x:

The Languages would cause a Lock Error on Users who are still
with the old AmiExpress Structures, this has been fixed.

Fixed a Bug with the Conference Password handling, wasn't working
correctly anymore after i altered the Way Express handles the
Conference.dat File.

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it should now be possible to make s!x resident. this somehow
has brought a small limitation (not for long tho):
The MessageBase's has been a bit reduced, only 80 Lines and
76 Chars per Line allowed, opposed to the older Version where
it was possible to have 100 Lines and 200 Chars per Line (ANSI/FULLED)

Everyone feel free to test it, also you DO require the Conferences.Dat
File now. This is mandatory! To create this File (if you dont already
have it!) simply go to the Account Editor and enter 'c' then press Return
It should now save the Conferences.Dat File to the BBS: Directory.

Been working the past few Days on the Catalog Mainly, this is
NOT the Release Version but i found it adequates(sp) to change
the Version String to the long awaited 0.40, the 0.40(release)
Version should be out very soon,not sure when tho.

Whats new:

Fixed a Bug with the Sysop Download Functions not allowing
Downloads of more than *i dont know how many* , just that
the String Array it used for it was a BIT too short (100 Bytes)
the Array now is 1Kbyte long. Let me know if it still gives Problems

MORE Catalog Strings, i hope to have found most of them, report those
that are still missing to me, thanks!

Thats about it really... besides that it's been my lazyness holding most
of the new Stuff back, NOTE: THE FTP OPTION SHALL COME LATER ON, i figured
out thats its a bigger Project than it looked like a first (need to make a
FTP Server for the BBS, so people can use their Accounts without a Hassle)

Thats about it for the Moment, stay tuned!

1.2   Version 0.39z9 (PreRelease) (08-26-96)

For all the Folks of you out there that were hassling me:

(Hi to Data-Stream, MDR and the Rest of the UK Folks :))

Conference Accounting has been expanded by the Ratios per Conference
Feature, stay tuned a bit more for more Comfort in that Direction
as the Account Editor is still a bit too ...simple.. (IMHO)
Plus the Ratio per Conference setting cannot be setup using the
ACP.Startup YET, should come within this/the next few Days...

To activate the Ratio per Conference simply Edit the User you wish
to have this Feature activated on, then choose the 'T' Option
(Conference Accounting) and use the new '3' Option to activate it
Do NOT forget to use the 'Z' Option in the Account Editor to
EDIT the Conference Ratios, else it'll use the normal Default Ones.

Before i forget it: The Conference's Ratio's TYPE (File/Byte/File&Byte)
is still handled GLOBALLY. If required i will change it to be set up
differently in the Conferences too.

Any Problems or Bugs -> Email me at siegma@teuto.de (or a Msg on my BBS)
                                    ^^^^^^-- Yea it *IS* siegma NOT sigma!

1.3   Version 0.39z8 (ALPHA) (08-21-96)

```
Removed a serious bug with Smodem/Hydracom Transfers
If a File (or a few Files) smaller than the Sum of 4K would have
been uploaded, Express would have caused a Zero Divide Error, this
is fixed now.. sort of fixed :).. well it'll say 1 cps, but who cares?

Another Bug Fix (probably a Bug!) - if setting up a external/different
Playpen Directory for the Files AND using Noisy Belch's Background Checker
the Files would most probably be moved to the Upload Dirs but also moved
to the PartUpload Dirs, this SHOULD be fixed now, found out that i wasn't
checking for the external/different Playpen Dir in one Part of the  ←
   MoveToUploadDir
Routine, changed that and hope it'll work, i'll test it later on tho.
```

1.4   Version 0.39z7 (ALPHA) (08-12-96)

```
Working on FTP Upload Possibilities, its already working but still
very Beta if not ALPHA, currently we have no FTP Downloads and
also no DUPE CHECKING (if the File has already been uploaded OR
is currently been uploaded) i will have to work on the new
FTP DAEMON (yes!) a bit to get that to work too, also the ftp daemon
does NOT use the user.data from Express yet (as said, very EARLY Version)
you can check it out on my BBS if you're connected to the Net.
Contact me first on IRC tho as i will have to set up a few Things.
Else enjoy!
```

1.5   Version 0.39z6 (08-07-96)

```
OLM.Message.Txt will now also be displayed if the User selected
'Q'uick Logoff at the Transfer Start. Before it would drop Carrier
on him without displaying that File. (Suggested by Noisy Belch)
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1.6   Version 0.39z5 (07-21-96)

```
Okay, Data-Stream actually found a BUG in the Revision.Doc (first Time,
hopefully the last one too.. apart from forgetting to include Links)

The File that is going to be displayed when a User had a Hack Attempt
on his Account is NOT called BBS:BBSTEXTS/HACK.TXT but instead its
BBS:BBSTexts/HackED.txt - Sorry for any Inconvience!


Interphase reported a small "Flaw" where Express would not show the
"Sysop is selecting Files..." Text to the User, this is fixed now.

Express will now show a Text File called Hack.Txt in the BBSTexts Directory
in case of an Hack Attempt, should be more visible than just a String.
If the text File is not available, Express will just show the usual
```

"There was a Hack Attempt" String to the User and Pause.
(Suggested by Data-Stream)

**INTERMEZZO: We now have a 24hrs FTP Site up and running, i'll be
              posting the Updates on there on a regular Basis.
              Contact me for the Address/IP Number.
   Tech Info: The FTP Site is running on a Pentium 100 w/LINUX 2.0.0
              and some Gigabyte Harddisk Space, ethernetted to a direct
              T1 Internet Connection. Thanks to Caffeine@smart.net for
              providing the Space and CPU Power :)...

1.7   Version 0.39z4 (07-18-96)

Changes some Parts of the Upload/Download Routine, so that if a User
did choose 'Q'uick Logoff or 'G'oodbye after Transfer and ABORTED the
Upload, he would get back to the normal Prompt, instead of getting thrown
out like it used to be before... most of the Time on such Cases the User
forgot to do something, or wanted to flag another File, so from now on he
can do it without having the need to call back...

Fixed a Bug in the Attach a File Part, simply didnt recognise any File
that you have selected with the Requester anymore.

Changed the String "<suppressed>" to "<encrypted>" in the New User and
User's Account Editor Section, confused a few People (especially English
speaking ones, my Fault – sorry!). THANKS to Data-Stream for letting me know.

1.8   Version 0.39z3 (07-16-96)

New Option for the ACP.Startup File:

NODE<x> RINGCOUNTS <y>

<x> = The Node Number or '*' for ALL Nodes
<y> = The Amount of RING's before the Node should send the Answer String
      to the Modem. Should be useful in some Cases (e.g. Telnet Nodes with
      Problems of answering an incoming Call, weird Phoneline Problems etc)

Note: You also need the new ACP – Note #2: You HAVE to set the RINGCOUNTS
                                           in the ACP.StartUp File!!

Fixed a Bug with the ASCII Send Function (Shift-F4) – was trying to find
a File with a Space added behind. Works again now.

Btw: The '5' Command seems broken too (slightly), in the meantime just use
     '5 <directory path>' instead. Same goes for '2' (so i heard...).

Just checked the '2' Command, works fine on my End, People may try to check
if they actually have a Node0 Directory, i think if it doesnt exist it would
abort/skip the Rest... Note to myself: Need to change the Routine for that 2!

Implemented a new MCI Command Sequence: ~SQ_<Filename>|

Will show the specified Filename in nonstop Mode. Needs to be tested first tho.

Added something else (well, not my own Idea tho.. :)):
If a User enters his Password false for the 3rd Time it will set a Flag
in the User Data, next Time he calls he will only have ONE Try to enter
his PW correctly, if he succeeds he will be notified that there was a
Hack Attempt on his Account and the Flag will be reset. (Courtesy Tempest BBS)

1.9   Version 0.39z2 (07-14-96)

Express is now searching for ENV:ByeBye.<NodeNumber> instead of
BBS:Node<x>/ByeBye – Programmers please change it, Tests have proven
that it is better to have these Files in ENV: than in BBS:Node<x>
(less Disk Activity on Uploads)

1.10   Version 0.39z1 (07-12-96)

Fixed a Bug in the Temporary Account Editor. Simply didnt set the OLD
Access Flags back to where they belong, thus temporary giving a User
a 255 would result in the User still having 255 even if you pressed
SHIFT+F6 to remove the temporary Stats. This is fixed now! Thanks to
Data Stream for telling me how it exactly works, btw: if you ran a PW
Door to protect the SysOp Options the Bug didnt have any Effect, except
for the MsgBase Editing Part (bad enough still)

Put a new F-Key in there... -> Zmodem Download. the F-Key is SHIFT+F3
and may be used whenever a User is online on the Node you press the Key
on, it will pop up an ASL Requester asking for a File to download – this
is sort of a replacement/enhancement of the Sysop Download Function,
much safer too :)

Fixed a Bug with the Keyboard Input Routines (i Think i did..) which
would cause a Node to literally hang if a User used one of the following
Keycombo's: Shift-TAB, Shift-CursorUP, Shift-CursorDOWN, Shift-CursorRIGHT
and Shift-CursorLEFT .. this should not happen anymore, BUT let me know if
the new Routine gives you any Problem!

1.11   Version 0.39z (07-11-96)

If you equipped a Conference with a Password using the Conferences.Dat
Data File and the Conference Editor / Door, Express will now skip the
Password Question at the MailScan, the User will actually have to join
into that Conference.

1.12   Version 0.39y9 (07-10-96)

Changed the Routine where Express is looking for the Ami_Drives
File, if the Ami_Drives file is nonexistant, Express would have stopped
the User from uploading, from now on it will assume that the only Drive
available is the one where the BBS is located on, thats if the Ami_Drives
File is missing.

Fixed a Bug with the ZModem Protocol, if a User would download a File
which is already bigger in Size on HIS Side the Express would crash,
now it will just abort the Transfer or try to continue with the next File
in the Users Batch List.

1.13   Version 0.39y8 (07-08-96)

Guess what wasn't possible or not available! -> Checking for
the Files being uploaded in the Playpen Directories on LOCAL
Upload... fixed now.

1.14   Version 0.39y7 (07-07-96)

Ok, i fucked up a bit on the CheckPlayPen() Routine, instead
of using a BPTR i used a BOOL for a very important Variable
thus letting s!x crash on Uploads. This is really fixed now, phew!

1.15   Version 0.39y6 (07-07-96)

Changed the Express and ACP File to actually check in Sysop Specified
Playpen Directories. Somehow it didnt do this before, might have been
another Joe Hodge Left Over, as i never have thought of it myself i am
not too sure about that either tho. Anyways thanks to Elvin for letting
me know, this should work now. (And guess who is gonna test it)

** Note: NEW ACP REQUIRED!

1.16   Version 0.39y5 (07-06-96)

Fixed a small Bug with the Display on the Zmodem Transfer Window..
was giving a funny Output sometimes if the Node was being uniconified
on a Transfer being done.

1.17   Version 0.39y4 (07-04-96)

Changed the Flagged Files Routine to load in more than just 90 Characters per
Line, been reported that it would cause Problems if the File Listing would
contain ANSI Codes for Color etc. It will now read 255 Characters per Line, hope
thats enough :)

1.18   Version 0.39y3 (07-02-96)

Added some small Piece to the Transfer Routine, upon request of Joe Cool
(as there have been Problems with the BGChecker crashing the BBS on
large Uploads with ZModem) – in the
Misc1 (SingleNode–>Misc1) Semaphore Part it will now have a
"UPLOAD FINISHED" String after a Transfer.. that should hopefully fix
the Problem...

1.19   Version 0.39y2 (06-28-96)

An early bored Morning, just included some new Option (sort of) for
the Mailscan, you can now have a Header and a Tailer Text File being
displayed upon MailScan, those Files are called
BBS:BBSTEXTS/MailScan-Header.txt(.gr) and
BBS:BBSTEXTS/MailScan-Tailer.txt(.gr)

These are not Userlevel dependend... Should make the BBS look a bit more
unique, if you set it up right... Not a real Enhancement though right?

You can now also have the UploadMsg.txt(.gr) and DownloadMsg.txt(.gr)
Files being put into the BBSTEXTS Directory.. Of course it will first
search in the Conference Directory..

1.20   Version 0.39y1 (06-27-96)

After a serious "Bug Report Attack" from Data–Stream and a small
"How it is doing it" – Review from him, i (hopefully) finally fixed
the Password Routine to 100%.
Well the actual Bug was that Express did NOT accept any Passwords
which ONLY contained Numbers or Characters like "!@#$" (e.g. pw: 1992)
This should work now (and for all...) – The Way Express is doing it
now is doing a 2 Level Check.. the Password is being stored on 2 different
Places now. The Way it seems now looks as if the 2nd Place is the one which
works for the Numbers Stuff.. dont ask me why – as i dont really know,
the Place just looks the same as the other one – at least it works now.
<scrub>

1.21   Version 0.39y (06-27-96)

Hopefully fixed a Bug with People uploading File containing Chars like
"ÐªÇ\ensuremath{\lnot}§Ð©$\ensuremath{\lnot}Çª" etc in the Filenames, Express ←
    would not post these or
any other following(!) Files in that case... now Express will convert
these weird Filenames and replace those Characters with a "_" – that should
hopefully fix the Problem... please test it, works locally on my System

1.22   Version 0.39x9 (06-25-96)

Changed the small Quiet Node Routine for the Command Line again,
since i heard that it would not print out a Message at all on
a AGA Machine (why? dont ask me) – this one will always print out
if the Node is quiet, if the User does not have Access to that Function
it will not tell him, instead just show the current Status. Please
Check if that works fine or not. thanks!

Fixed a small Bug in the Account Editor. on the Time Used Option you had
to enter the Time in Seconds, instead of Minutes – this is Fixed now.

1.23   Version 0.39x8 (06-25-96)

Fixed a small Bug in the Door Port, where when the Door requested the Conference ←
    Number
before asking for the BB_MAINLINE it would erase the BB_MAINLINE Command.

1.24   Version 0.39x7 (04-28-96)

Fixed a small Bug with the Support Code for Background
Checking and Moving (Moving Part) – Express was not adding
Files uploaded to the Users Status and somehow sometimes the
same for the BYTES.. this should work now, however you can check
it by taking a Look at your Callerslog/UDLog as Express will now
put a Line in there each Time it adds Bytes to the Users Account.

Anyhow, please test if it really does work as its just some pure
Logic Thing...

Well i found a small Bug which is still there and not fixed yet,
just in case you noticed it too :)
The Bug only occurs with the background fileposter, as its
erasing the File after it has moved it in the Playpen Directory
Express is unable to figure out how large the actual File was
thus not adding ANY Bytes to the Users Account, i am going to
take care of that, but until then please set the Delete File
Option of Joe Cools BGPoster to NO. this should fix it. (hope!)

1.25   Version 0.39x6 (04-28-96)

There was a pretty terrible Bug in the AmiExpress->SigmaExpress
Passwort Converting Routine, you could just press RETURN to
get into the BBS, this has been fixed (was actually a small Bug
in the Original AmiExpress Assembly Decryption Code :))
PLUS i used a wrong Variable for the Password as AmiExpress

somehow has the Password written in a different Place as we do.
Anyways, this should work now!

1.26   Version 0.39x5 (04-25-96)

For all you Guys converting from AmiExpress 3.x or higher:
We now have automatically "decryptioning" and CONVERTING of the
old /X Encrypted Passwords to the new S!X Encrypted Passwords.
NOTE: This works ONLY if you enable the Encrypted Passwords Option
(WELL, i HOPE it works as i haven't got a /X User.Data to test it with
 but the CRC Table used should be exactly the same as on /X)
So, someone please test it! Thanks!

1.27   Version 0.39x4 (04-24-96)

YES! Another Bug in the Password Routine, this Time the Sysop could
not change the Password to a new one without screwing up the CRC Checksum
(Did not convert to Uppercase as needed) I am pretty much sorry for this
inconvience(sp) – its fixed now!

1.28   Version 0.39x3 (04-21-96)

Fixed ANOTHER Bug in the User Account Editor, if Encrypted PW
was turned OFF it would not let the User change the PW.
This is fixed now, and i SERIOUSLY hope that it works 100% now.

1.29   Version 0.39x2 (04-20-96)

Fixed another Bug with the new Password Encryption System, the PW
Verification was always checking against a wrong Variable... thus
not letting the User get past the Password Query on the New User
Part, this works now!

1.30   Version 0.39x1 (04-19-96)

Just when you think it would finally work at the first Try:

A small Bug sneaked into the 39x Version, on the 'W' Command
when trying to change the Password, Express was checking for it
in case-sensitive Mode, not that it was only checking for
case-sensitivity but it was also converting it into a case-sensitive
encrypted Password. This should be fixed now.

1.31   *ACP* Version 0.3a (04-18-96)

Wow, almost if not a bit more than ONE Year a new Revision Text for the ACP
Well, the only Change done is a new "Tooltype" called ENCRYPTED_PASSWORDS,
this enables the recent Option to have Password upto 32 Characters Length
and of course they are encrypted. Be careful when turning this Option on.

1.32   Version 0.39x (04-18-96)

After a few People (few?) bugging me to implement longer/encrypted Passwords
its finally there. to ENABLE this new Feature (ATTENTION: not fully tested!)
simply put this into your ACP.STARTUP:

NODE* ENCRYPTED_PASSWORDS

Please make a Notice of the Fact that once you activate it and Users have
logged on since you will not be able to get the old Passwords back.

A 2nd Word about the Passwords:

The Password for each User is going to be converted as soon as they logged
on, no external Converter is needed. If the Option is not enabled the
Logon Procedure will NOT convert the Passwords (well, it shouldnt)
Also please Note that this Sort of Converting may take a LONG Time until
EVERY User has a new Password, PLUS if the Option is disabled the User
will only be able to enter upto 8 Characters for his Password, else its
possible to have a Password upto 32 Characters long.

A 3rd Word (short one):

The encrypted Passwords of S!X are in NO Way compatible to the ones used
or lets say utilized by AmiExpress, even tho the same Routine is being used
its just a different CRC Table.

And a last Word:

I hope these Routines work! Just remember to be careful and play safe by
making a Backup of your User.Data before turning on this Option. Thanks!

**Footnote:

Been testing this new Option for a while now, seems to work fine, however
knowing 'C' this doesn't mean too much. The only Problem that might come
up would be having Users using F-Keys for their Passwords with Strings
that are already longer than 8 Characters (old Version/Option turned off
would cut off the Rest behind those 8 Characters, however if you turn
the Option on, it isn't been done anymore... maybe i'll include some
double Check if it is really necessary, just let me know.

1.33   Version 0.39w9 (04-15-96)

```
Added a new Command to the Doorport:

DIRINKBYTE          Request Information about how the FileSizes in the
                    DIR<x> Files of the Conferences look like, either
                    in KiloBytes or in Bytes. Reflects if the DIR_IN_KBYTE
                    Flag of the Acp.Startup is set or not.

                    msg->Command = 913
                    msg->Data    = 1 -> Directory Listings FileSize is in KB's
                    msg->Data    = 0 -> Directory Listings Filesize is in Bytes
                    -----------------------------------------------------------
```

1.34   Version 0.39w8 (04-12-96)

```
To prevent a Problem with the Background Mover moving Files when
uploading to the MessageBase (aka. attaching Files) Express will
now create a File called MSGBASE.<x> in the T: Directory. After
the MsgBase Upload has been completed it will be removed.
```

1.35   Version 0.39w7 (04-11-96)

```
Implemented Support for a Background Checker AND Mover, to post the
currently uploaded Files into the Directories while the Transfer is
still going on (on Batch Uploads).

For Coders: To enable this simply parse a Value of 3 to the DT_GOODFILE
            Part/Function of the Door Protocol, Express will then SKIP
            the Copy/Move and AddToFileList Routines. *THIS IS BETA!*
            Do not expect it to be working 100%ly yet...
```

1.36   Version 0.39w6 (04-10-96)

```
Changed some of the Flagging Files Part to save the FlaggedFiles list
if the Files were flagged using the JH_FLAGFILES (# 13) Option of the
DoorPort...
```

1.37   Version 0.39w5 (04-08-96)

```
Trying to get rid of Both, Conf.DB Creation Bug, and the Hanging while
executing several XIM Type Doors...
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1.38   Version 0.39w4 (04-05-96)

Fixed a Bug with the Fullscreen Editor making triple Lines instead of
ONE/TWO – Still a Main Bug in the FullScreen Editor itself but made a
workaround for it.

Probably fixed a Display Bug in the new ZModem Window. Requires Testing

Heard about Problems regarding uploading Multiple Files using ZModem crashing
the BBS, thus changed the Routine which Updates the Received_Files to a more
secure Way of doing it.

1.39   Version 0.39w3 (04-04-96)

Finally made it. We now can have more than 4.1 Gigabyte Uploaded/Downloaded
for each User (talking about Upload/Download Bytes). Virtually it should
range somewhere in the TERRA Byte State.. i tried around a bit and when i
reached 11940 Times 4 Gigabyte i stopped since it got boring watching
the Numbers, should be enough for a while.

People will have to get the User.Data Convertor Program off a Support
BBS, or leave me EMail about it at sigma@bielefeld.netsurf.de (Registered
Users only please)

NOTICE: Express is currently just counting the Bytes, it is NOT really
        doing anything with it, just testing if the new Array really works.
        Until we can really be sure that it is what we need/want.

1.40   Version 0.39w2 (04-04-96)

Changed some Internal Routines to make sure that it is possible to
delete the FILE_ID.DIZ and the Files in the WORK Directory. This had
caused quite numerous Problems on a few BBS, namely Elvin's BBS.

Changed Start Routines for the EXAMINE Files to count up to 10 even
if the Examine Files are non-existant, useful for AREXX Doors, even tho
i dont see a Reason to use those if we have XIM's :)

1.41   Version 0.39w1 (04-04-96)

Changed the ASL Requester (read : The Actual Palette) to have a nicer
3D Look.. I hope it will look as good on your Screens as it does on mine.

1.42   Version 0.39w (04-02-96)

Fixed a Small Bug in the Account Editor not allowing to enter any Number
higher than 2.1Gigabyte...

The Pager Module is always being executed/started now, I know this has
been requested about a YEAR ago but you know.. anyway its here now.

*** NEW MCI COMMANDS:

~QS_<Filename> - <Filename> will only be shown if User has QuickLogon
                  Disabled.
~QP   - Pause will only be done if User has QuickLogon disabled
~QC   - Door will only be exected if user has QuickLogon disabled

1.43   Version 0.39v9 (04-01-96)

Fixed a Bug with the Local Shell not opening on the BBS Screen.
Fixed a Bug with the "I" Type Doors, which would cause a STACK OVERFLOW
if used on the same Command.
e.g.:
RL   IM200RL
caused a Stack Overflow as the Program would go into a infinite Loop and
eat up all of the Stack we have... this is FIXED now.

Fixed a small Flaw with Express ALWAYS reiniting the Modem after each File
when using "Goodbye after Upload" was used. Now it just sets the Modem
Offhook, but still - please test!

Changed some Pieces on the Conf.DB Routines to (once again) try to prevent
it being created in either WBStartup or the Directory you started the ACP
else from.

Also Fixed a Bug in the NewUser Routines where it would NOT clear the
MsgBase Pointers for a new User in Conference ONE.

1.44   Version 0.39v8 (03-31-96)

Fixed a Bug with the Resume Function, pressing any other Key than
Y or N would cause it to go right to the Main Upload Function.
FIXED!

If a door is started via PRV_COMMAND(508) and it sets a RETURNCOMMAND(136)
the return command is also executed after the return of the first door,
command is executed both times. You have to clear the RETURNCOMMAND(136) to
make this work!

** SHOULD (!) BE FIXED NOW

1.45   Version 0.39v7 (03-30-96)

Fixed a very nasty Bug with the Transfer Window causing the BBS to
crash if someone used an OLD XPRZmodem Library for uploading
(the Filesize transmitted in that/those Versions are always 0 and
 thus causing a "Divide by Zero" Guru/Crash. FiXED, but the Percent
 Bar will always be at 100%..)

1.46   Version 0.39v6 (03-28-96)

Removed some DEBUG Code..

Changed the Transfer Window a bit to display a few more Info's
maybe some more Changes to it soon, maybe not... looks nice now tho.

1.47   Version 0.39v5 (03-28-96)

The Password in the User Account Editor (Command "W") will not be shown
to the User directly anymore, however if the User is going to change it
the Express will also prompt him to enter his OLD Password before allowing
him to enter the new one... Should Add some more Bits of Security for the
Users. (-Suggested/Requested by ARAGON-)

BTW: Still coding on that new Transfer Things...

1.48   Version 0.39v4 (03-26-96)

Changed the ASL Requesters a bit to open with about the same Height
as the Node Screen has, was suggested by EBOLA and a few others "some"
Weeks ago, just never really bothered to change it - until now...

Fixed a small Bug with the new TopCPS per Node Feature displaying the
Top DOWNLOAD Cps all the Time, instead of the Top Upload CPS when required

Also: Starting to include support for unlimited Files to Download, Local
Download and perhaps even fixing up the Feature for Hydra/SModem Users
having Sysops not setting up their Paths Files for CrossConference
Downloading (will have to see how i will do it with the Conference
Accounting Managing first... but after the Local Download etc works it
should be not a big Problem.. stay tuned (and CALMED :))

1.49   Version 0.39v3 (03-18-96)

The BBS will now try to display a File called
BBS:BBSTEXTS/RINGDETECT.TXT (or BBS:Node<x>/RINGDETECT.TXT) in the case
of an incoming Call.. thats if the BBS is uniconified.
On a Suggestion by FLOZZY.

Purpose? - To speed up a Drive that has been quietened using a Tool such

                    as QuietScsi or QuietHD (Turns OFF the HD Motor, saves Power)
                    plus it might look nicer than what we had before :)

1.50   Version 0.39v2

The BBS Program is now also displaying the TopCps for each Node, not just
the General, i think its more "fair" for BBS' with different Node Speeds
(e.g. Internet Link, ISDN, 28k8 and 14k4 - all have a different Top Speed)

The new (Additional!) TopCPS.Dat Files are called:
BBS:TopCps<x>.DAT - where <x> is the Node Number!

The Structure looks like this:

```
 struct topcps
{
        long    upCPS;          // Top Upload CPS
        char    upNAME[40];     // Who holds the Record for U/L ?
        long    downCPS;        // Top Download CPS
        char    downNAME[40];   // Who holds the Record for D/L ?
};
```

BTW: The Structure is the same as for BBS:TopCps.DAT

It should now be possible to upload an UNLIMITED Amount of Files, before
it would either skip the Rest or simply Trash the Memory thus letting the
Computer crash. This was a Suggestion/Bug Report by FLOZZY (who now should
be more than happy :)). Everything is handled via the
BBS:Node<x>/Received_Files File which is also being used by several Who Doors
to display the Files that have already been received.
Everyone please be kind and Check if there is going to be any Trouble with
these few new Routines, thanks!

Unlimited Files to be downloaded should come very soon too...

1.51   Version 0.39v1 (03-05-96)

The Download Routines were still mixed up majorly, now they would add the
Bytes of the Last File Transferred to the actual Amount of the Total
transferred Bytes. e.g: You download a 1 MB File, but Express would credit
you a Download of 2 Megabytes, not nice - this is fixed now!

1.52   Version 0.39v (03-01-96)

A small Bug sneaked in while restructuring/"optimizing" the Input Routines
for Uploading/Downloading making the Quick Logoff Feature not work anymore
on Uploads -> Fixed!

Next Try to get rid of that "Accumulating..." Message that appears on EVERY

Download...

1.53   Version 0.39u9 (02-28-96)

Added an Option for the Users to be able to select if they always
want to have the FullScreen Editor, if they want to be asked or to just
always use the Internal Line Editor.

NOTE: From now on, please DO NOT use any Tool anymore which may alter
      the old Mail Flags of /X 2.x and /X 3.x.

1.54   Version 0.39u8 (02-28-96)

Fixed a Bug with Express crashing the Machine if you aborted SModem
without actually initializing a Transfer (CTRL & X)
(Thanks to Joe Cool for reporting this Problem (and me wondering why the
Machine resetted sometimes without anything special happening, duh!))

And while we are at it, SModem will from now on try to open its Screen
or Windows on the Node Screens, that is if the Node is uniconified.
Sorta requested by quite a few People.

Fixed a small Bug (hopefully) with Express telling that there was
an 100% completed but aborted Download (aka Zmodem Leech) on SModem
and Hydra Transfers (maybe normal ones too).
(This one was reported by Data Stream (if i'm right))

1.55   Version 0.39u7 (02-23-96)

Simply forgot to add a new Enviroment Value for the SMODEM Transfer
The new Value is 32 – same Applies for the Node Info Values !

Changed the ACP to show that a SModem Transfer is in Progress.

(SigmaExpress is now the THIRD Amiga BBS Program (to my Knowledge) that
 supports SModem, right after DayDream and Tempest)

1.56   Version 0.39u6 (02-22-96)

SModem is implemented now, Installation is (as usual) very easy:
Just get the most recent Version of SModem off a BBS (or from me) and
put the SModem Executeable into the BBS:System Directory
(Name: SModem (duh!))

I have tested SModem for some Time now and it seems pretty stable, if
you are getting any Problems -> Let me know.

Also you might encounter some Weird Cps's on the total/average Display.
this ONLY occurs on small Files (like you transfer a 19K File with ISDN
the CPS Displayed would be around 13000!... This is a Problem of SModem
and not a Bug in the Program, SModem seems to count the CPS in a weird
Way, we all can just hope for a newer Version (mine is 1.00) that has
this small Bug/Problem fixed. Besides that - it will NOT affect the normal
BBS Operations.

1.57   Version 0.39u5 (02-21-96)

Been told that HydraCom Uploads dont work anymore, this is just a Test
Version which will print a Message to the SYSOP Screen ONLY saying that
it is reading in the HydraCom Upload Data Files, if it doesnt show this
Message -> LET ME KNOW.

Started to implement S-Modem into SigmaExpress.
I am expecting SModem to work in a few Days, maybe sooner. Well, most
probably sooner as it just requires a small Modification. Besides that
you'll be able to use any SModem-Update that is coming out on the Aminet
Simply grab a new Version and install it - DONE! At least thats the Way
i am going to make it.

**EPILOG:
S-Modem is another Bi-Directional Transfer Protocol which has just found
it's Way to the Amiga. It is definately a LOT more efficient than ZModem
or even Hydra. In Short: ITS FAST! You'll love it!
Currently only DayDream supports SModem, but from today there is going
to be another BBS Program supporting it for the Amiga and guess which
one that will be...
END OF EPILOG

1.58   Version 0.39u4 (02-20-96)

Fixed one last small Bug with the Fullscreen Editor, as it was always
skipping the last Line of a Message, this should work now. Also increased
the Maximum Amount of Chars in one Line from 79/80 to 200 (for the
FullScreen Editor, so you can use ANSI Texts... only in the FSEd!!)

1.59   Version 0.39u3 (02-15-96)

FullScreen Editor Option has been included, use the one that is available
on my BBS, or just ask for it. Installation is easy, just put it as
EDITOR into the BBS:SYSTEM/ Directory, done!

Fixed a small Bug with the new Fullscreen Editor Routines,
the Routine would have caused some Memory to be written over if the
Message was >100 Lines, this should be fixed now.

1.60   Version 0.39u2 (02-13-96)

Fixed a small Bug with the Answers File still being created in the
Node Dirs, just with 0 Bytes. No More. (took a while huh?)

1.61   Version 0.39u1 (02-04-96)

Fixed a small Flaw with the CPS Display and Transfer Routine to the ACP.
Nothing really noticeable.

1.62   Version 0.39u (02-01-96)

Believe it or not: The RED/WHITE Display Bug on the Sysop Site has been
ELIMINATED! (Looks as if i am slightly starting to understand the damn
Intuition Stuff eh?) – By getting rid of that one i also improved the
Textoutput Routine a bit more since i could take out the old AnsiPatch
Routine i got from /<ing Cobra some Years ago. Should make it a bit faster.
also some older 1.3 Routines have been removed as they arent used anymore
with the 2.x/3.x Intuition Routines that Express takes advantage of now!!

ACP Changes:
~~~~~~~~~~~~
Removed two nasty Enforcer Hits. (small Leftovers from some older
Semaphore Structure)

Changed the Routines to Display the usual TextFiles in a different Order,
the BBS will now FIRST check for the Files without LEVEL in there, if not
found it'll loop down the user Levels like it has been before, should
increase the Display of Several Texts by a Million of Times.
e.g:

Before:

Check for Menu255.txt – if found -> Display, else
check for Menu250.txt – if found -> Display, else
check for Menu245.txt – if found -> Display... etc etc
...
check for Menu5.txt – if found -> Display, else
check for Menu.txt....

NOW:

Check for Menu.txt – if found -> Display, else
Check for Menu255.txt – if found Display, else... as usual..

Hope this helps to understand it. its pretty simply though!

Added new ACP.STARTUP Command called TEXT_PATH, with this Option you can
set the Path the BBS would search for the BBSTEXTS Files.. like setting
it to this:

```
NODE* TEXT_PATH RAM:
```

would let the BBS search for Files like

```
RAM:BBSTEXTS/LOGON.TXT instead of BBS:BBSTEXTS/LOGON.TXT
```
Hope this is clear enough. Should give a small Speed Increase on some
Text Files!

1.63   Version 0.39t9 (01-24-96)

Local "Hydra" Uploading is working now again.

The User should now also gain Online Time on Hydra Uploads.

Changed the Flagfiles Routine a bit, now redisplays the List of Flagged Files
after entering one selection, more comfortable for the User (IMHO)

1.64   Version 0.39t8 (01-22-96)

The Depth / Amount of Bitplanes for the Nodes Screen are handled via the ACP
again, found it to be the easiest Method. Nevertheless the ScreenMode itself
is going to be global for each Node.

1.65   Version 0.39t7 (01-16-96)

Implemented an Override Function for the Conference Accounting Option using the
Account Editor, you can now select the Conference Accounting to be turned on for
each individual User. A Lot more comfortable if you ask me, needs to be a bit ←
    more
tested tho, but in general it should work just fine.

1.66   Version 0.39t6 (01-15-96)

New BBS:SYSTEM Door called USERFRONT
Using this Door you can TOTALLY replace the Part where the BBS asks for
User NAME and Password, sort of like it can be done on PC-Board (PC, yuck!)

Added a few Bits to the Door Part. Some new Commands are in there:

```
SIG_LI            Request a Line Input from User. Works like JH_HK just
                  that it wont display the Characters entered instead
                  it will show Dots (".") - Just like on a PW Prompt.

                  msg->Command = 912
                  msg->Data    = Amount of Maximum Chars to be entered.
```

```
                   ------------------------------------------------------------

LOGON_UNAME        Used for the NEW USERFRONT System Door/Module.
                   Will check/load the Username stored in msg->String

                   msg->Command = 910
                   msg->String  = String to Check for.

                   if msg->Data = 1, then User does not exist.
                   if msg->Data = 0, then User does exist.

                   ------------------------------------------------------------
LOGON_UPASS        Used for the NEW USERFRONT System Door/Module.
                   Will check/load the Password of the User specified using the
                   LOGON_UNAME Part described above.

                   msg->Command = 911
                   msg->String  = String to Check for.

                   if msg->Data = 1, then Password is WRONG.
                   if msg->Data = 0, then Password is CORRECT.

                   ------------------------------------------------------------
```

LOGON_UNAME and LOGON_UPASS should ONLY be used in the USERFRONT Door/Module
else it might bring up some Problems. BE CAREFUL WITH IT!

1.67   Version 0.39t5 (01-15-96)

Changed the Door Routine to check if the Door to be started is actually an
executeable or not, if not it'll return the usual Error Message.

1.68   Version 0.39t4 (01-14-96)

It is now possible to select an own Screen Mode for the S!X Node-Screens.
You'll need the new ACP Update. It'll initially ask for a Screen Mode for
the BBS if there isnt already a Screen Mode Config File existant.
Apart from that there is a Button in the ACP Window which says "ScreenMode"
clicking on there will bring up the Screen Mode Requester.
If there is any Problem with this new Facility -> Let me know instantly!

1.69   Version 0.39t3 (01-14-96)

Fixed a small Flaw that would not start the Node Status or Frontend Door when
the NoNewUsers File existed or was activated.

1.70   Version 0.39t2 (01-07-96)

```
HAPPY NEW YEAR!

Besides that this Version has the following few small Change(s):

You can now put a small File into the Node Directories called NOHydra.
Each Node who has this File in its Node<x> Dir will no longer allow Users
to do transfers using Hydra. - This is somehow required sometimes if you run
4 (FOUR) ISDN Nodes as the special Device for the 2nd ISDN Card has Problems
working together with Hydra. <Suggested by ELViN>

Had to change the Output Routine to a little bit slower one, due the Problems
with Express not working with the special 2nd isdn.device for 2 ISDN Cards.
The Difference is nearly not noticeable though!
```

1.71   Version 0.39t1 (11-26-95)

```
Changed the Display of Time Left on the Command Line Menu in the Express
it'll show it now like this:
01:23
 ^  ^- Minuytes left
 ^---- Hours left.
Done after a Suggestion by Noisy Belch

**NOTE:

This will require you to change you (maybe) existant catalog File for
Express... go to the place where its displaying the Main Menu Line and
change the %ld to %s, else it'll show some weird Value :)
```

1.72   Version 0.39t (11-26-95)

```
Had to change the Way of checking the KeyFile again, People still like
producing KeyFiles for Programs. Do not worry, you do NOT need a new Key!
```

1.73   Version 0.39s91 (11-23-95)

```
Accidentally screwed up my C-Includes, might also have caused
some Parts of the Express to not work correctly anymore.
Recompiled the Express and am Trying to fix a Problem with 060 CPU's
Flozzy may try it on his 060.
```

1.74   Version 0.39s9 (11-14-95)

```
Error Messages for Internal Doors (BBS:System/ Dir) are now suppressed.
```

1.75   Version 0.39s8 (11-13-95)

```
Fixed a Bug in the Filecheck Routines, the Express was hanging if a
Program specified in the Fcheck/EXT(ension) File did not exist!
```

1.76   Version 0.39s7 (11-08-95)

```
SubVersion 39s71: Recompiled it again using STACKCHECK and NOSTACKEXTEND.
                 Found out that the STACKEXTEND somehow was SLOW!

Recompiled the whole Express using the STACKEXTEND Option from SAS/C 6.56
```

1.77   Version 0.39s6 (10-25-95)

```
Fixed a small Bugs with NewUsers not being able to answer the Computer
Types Language.

ZModem Leech Library doesnt work anymore on this Version either!

Small Note: Theres a small Typo in the Account Editor, even tho it says
KByte its really Bytes, changed it back to Bytes after i caused quite some
Confusion for a few Guys.
```

1.78   Version 0.39s5 (10-25-95)

```
Apparently the A4000/040 Bug isnt gone 100%ly yet, but its gotten better!
Removed the DebugLog File (temporary!). -> Still trying to figure out
why the Heck it is crashing on SOME A4000/040's. Bear with me!
```

1.79   Version 0.39s4 (10-21-95)

```
Looks as if that A4000/040 Bug is GONE now, many Thanks to JEDI for helping
me testing this via IRC/InterNET. Appeared to be a non-removeable AllocMem()
that didnt have the CLEAR Flag set. ->Fixed now!
```

1.80   Version 0.39s3 (10-20-95)

```
Trying to use the exec.library's Function to clear Caches before
Initializing the Modems. (in order to fix the Problem that seem to be there
regarding A4000/040's (weird that it works on A2000/040))
```

1.81   Version 0.39s2 (10-19-95)

**Private Note: Started to use SAS/C 6.56!

Took out two more AllocMem() Functions, hope this helps on the Problems
Calypso, Whiz and Jedi have on their A4000's, also hopefully fixes the
Problem with the SegList getting Corrupt (Please insert Volume "DH0:" ..)

One other "Advantage" is that you can now change the Computerlist and
Languages File without need of rebooting, more flexibility!

1.82   Version 0.39s1 (09-21-95)

Fixed a small Bug with Paragon Doors not noticing a Carrier Lost.
Put in a new MCI Command: ~HM| <- Drops Carrier if the Users viewing a File
and Express encounters this Sequence. - Suggested by ARAGON.

1.83   Version 0.39s (09-19-95)

Implemented Routines to support the new Shell Doors. NOT Internal, you
just need a nice External Door to get this to Work, figured that was the best
Way of doing it.
STILL BETA TEST! but those who'd like to test it out by themselve should leave
me a Message and i'll send/give them the External Door they need to get them
working.

1.84   Version 0.39r9 (09-19-95)

Finally Fixed the Bug with Multiple File Resume Upload.
You can thank FLOZZY for bugging me long enough to do it :)...

1.85   Version 0.39r8 (09-18-95)

Implemented Automatic Detection of ANSI Emulation via a special KeySequence
that are being responded by the other Ends Terminal.
Implemented the same Thing for Automatic Detection of the RIPScrip (NO T!)
Emulation.
So far its not of any use but just using it for testing if it works with
every Terminal. JR-Comm and RIPCommF are working with both RIP Detect and
ANSI Detect, i assume that the Rest is also being ANSI Conform about that.

If RIP is being detected it'll search for Files with the Extension .RIP
in the usual Directories.
E.G: BBS:BBStexts/BBSTitle.RIP
these Files are going to be displayed to SERIAL ONLY (until i found out how
to do it on the Console aswell) - using a special Send Routine.. you'll just
see that a RIP Display is in Progress and when it is finished..

Its pretty Basic Still... bare with it until i find/manage to do something
better.
Before i forget: If NO Rip Files are found it'll use the older Extensions
as usual (.txt and .txt.gr)

1.86   Version 0.39r7 (09-10-95)

Fixed a Bug with the new FileCopy Status Bar, was giving a Divide by Zero Error
if a File of a Size smaller than 1 KByte was going to be copied.. fixed now.

Also i'd like to put a Note here: i can NOT fix Bugs that are not being reported
to myself, i have got a so called Message Base for all this Stuff and i totally
dislike People talking about Bugs behind my Back without letting me know in a
safe Way...

1.87   Version 0.39r6 (09-08-95)

In case of using the Conference Editor (which is in the Support Conference
on my BBS) you can now choose a alternate MsgBase Path, aswell as a internal
Password Function, plus the BBS would load in all of the Conference Informations
each Time a User Logs on, you wont have to reboot anymore in case you change
a Conference's Name, Password, Location or some other Option.

1.88   Version 0.39r5 (09-07-95)

Implemented the first Experimental Version of the new Conference Data File
which will be holding all Information about the Conferences, like Paths,
Merged MsgBases etc. some few neat Things are going to come up soon i guess.
Anyways, you wont notice a Difference in how the BBS reacts.. the Data File
wont be created yet, even tho the Routines are in there... VERY BETA!

Added the Missing CR/LF Code if a Door was started.

1.89   Version 0.39r4 (08-27-95)

Fixed a Bug with Express not using the Dail Byte Limit anymore...
Thanks to several Guys reporting this Bug to me, especially WHiZ :)

1.90   Version 0.39r3 (08-24-95)

Sped up the Booting of the BBS... now the ULPaths File is also not resident
anymore in Memory, free's up SOME Bytes of Memory, improves booting Speed
and should help avoiding crashes due Memory Corruption (the Routine allocated
Memory before.. and this Routine is gone now :))

Small Bug Fix about the Work Dir Files... Express was deleting the temporary
Description Files too early, resulting in Programs like SuperDupeCheck by
P0T-NOoDLE not recognizing Private Uploads. Nothing big but...

Beta Stage of a New Feature Started... not really perfect yet but its a
Start:
          Security Option.
          From now on you can have a Conference set up with a Password,
          unlike with Doors providing this Facility for you, you are also
          in the Position of protecting the MAILSCAN with that Password,
          as soon as the Conference has got a Password issued it will not
          be possible to scan the Mail in that particular Conference.
          You can activate this small BETA Feature by putting a TEXT File
          into the Conference Dir named PASSWORD, in there put the Password
          you want the Conference to have (Do NOT end the Password Text with
          a final RETURN... will be changed later, as i said its BETA)

1.91   Version 0.39r2 (08-20-95)

Probably fixed a small Bug with the "Paths" File being deleted for some
Reason.
Also included Support for BGCheck while a Hydra BiDirectional Transfer
is in progress.

1.92   Version 0.39r1 (08-06-95)

 Probably fixed one last Bug with the TopCPS making the System Crash
 occassionally.

1.93   Version 0.39r (08-02-95)

Implemented a EARLY Version of the Conference_Accounting Account Editor.
On Editing a User's Account via F6 simply enter "Z" and you'll get to
the internal ConfAccounting Editor... so far not too many Options
are available, just the Minor Functions, it has been long enough that
we were without such a Editor.. now its there...
How it works:
After pushing "Z" select the Conference you want to edit the User's
Account from... Say you have
Conf1 for PD
Conf2 for PC
and you want to edit the current's User Stats in the PC Conf.. simply enter
the Number of the PC Conf and do it...

it's still a bit wacky, but works!

1.94   Version 0.39q9 (08-02-95)

```
MailScanning is now showing the Percentage done of the Mailscan.
MailScanning is now also showing the Type of the Messages you are going
to receive
MailScanning is now also showing the Subject / Sender / Number of all
Messages you are going to receive..
MailScanning will aswell show if the Message you're getting is an EALL,
Private OR Public Message....
```

1.95   Version 0.39q8 (07-31-95)

```
Fixed a Bug with LCFiles not working anymore (was caused by my Changes
to the NDIRS/PATHS File readings), works again now.

Probably fixed the Problem with the new TopCPS Routine which was giving
Problems on several Machines and caused different Crashes from Time
to Time.
```

1.96   Version 0.39q7 (07-??-95)

```
Several Places cleaned up in the Code.

Added the TopCPS Option everyone liked on /X 2.34 again into the Express
```

1.97   Version 0.39q6 (07-??-95)

```
Information about this Update lost in a Harddisk Crash. (Sorry)
```

1.98   Version 0.39q5 (07-06-95)

```
New DOOR Command/Option (especially for Belch and others :) ) :

SIG_PLAYPEN        Allows you to retrieve the PathName of the PlayPen
                   if the Sysop used a different one than the default
                   Playpen.

                   msg->Command = 909

                   msg->String will contain the PathName.... e.g.:

                   dh1:Node1Playpen/

ICONIFYQUERY       Allows you to retrieve the Status of the Current Node's
                   Window (Either Iconified or Not)
```

```
          msg->Command = 908

          msg->String will either contain YES or NO, depending if
          Iconified or not.
```

1.99   Version 0.39q5 (07-06-95)

Removed the REQUIREMENT of having a NDIRS File in each Conference.
Express will now identify a new Dir File as soon as you created one
(By scanning the DIR Files starting at 1 to ??? -> Infinite Dirs...)
(Using the access() Function, not by Opening and closing the File for
 highest Speed) - before , when you added a new DIR you had to reboot
the Nodes each Time, this isnt needed anymore... Whatever, the NDIRS
File might be kept for Doors using it. (e.g. BossNUKE, TurboNewScan etc.)

Also the Files FORWARDMAIL, FREEDOWNLOADS are going to be checked
each Time you enter a Conference, before this was also done just at each
Booting up of a Node, you couldnt make any Changes to it when the System
was up, this is fixed and a lot more flexible now.

You can modify the Paths File now aswell.... no need for reboot!

1.100   Version 0.39q4 (07-06-95)

Included Support for a Background Checker... Express will search for a
Module in BBS:SYSTEM/ called BGCheck, which should be the resident Memory
Server of that Background Checker, currently only used by Noisy Belch's
Pre-Version of the BGChecker...

1.101   Version 0.39q3 (07-04-95)

Added an "A"ll Flag for Download by Wildcard selection.
Fixed a horrible Bug with not recognizing RESTRICTED Files...

1.102   Version 0.39q2 (06-23-95)

Changed the Checking for Free Downloaded Bytes to KiloBytes instead of
Bytes.
Changed the Account Editor to display KiloBytes instead of Bytes.

if you Flag Files now and the File couldnt be found it will be removed
out of the Flag List, just something for the Users Pleasure...

1.103   Version 0.39q1 (06-23-95)

```
Fixed a small "Bug" with the FileFlags...
(If a User had a List of Flagged Files and wanted to remove one of them
 in the FileFlag Menu it would (after removing) always Say "Skipping
 already Selected File" – which wasnt true... FIXED)

 Improved the File Handling of Zmodem Downloads, there was a small Bug in
the Routines... if a File was SKIPPED on a Download it would STILL add
a File to the Files Downloaded Counter. So if a User is on a FILE Ratio
and would download say 5 Files and had 3 of them already on his Harddisk
it would still add all 5 Files to the Account, thus charging him for Files
he actually never downloaded, This is FIXED
One other Thing that is improved is the Handling of Flagged Files.. if a
File was successfully transferred and the User aborted just shortly before
the complete List of Files was downloaded it would still keep the whole
Flaglist. from now on Express will remove EACH File from the Flaglist right
after it has been successfully transferred (or has been skipped)

The above should also work for Hydra Transfers now...

Express will now also ask (after it found Files that were still flagged
on the login) to show the List or not.. that Way Users could change the
FileFlags right after they logged on...

Fixed a small Bug where Express didnt execute the ARCCHECK Door in BBS:SYSTEM
if no FileCheck Door Was being used.

New Doortype: "I"nternal – just as in /X you can now "redirect" a command
entered on the Menu Prompt to an internal Command e.g:
1234567890123456...
F        IM001N
would redirect the "F" Command for FileListings to the "N" Command for
NewFiles...
```

1.104   Version 0.39q (06-22-95)

```
Put in a small new Feature...
There can be a File now placed into the BBS:Node<x> Directory called
NotThisNode
it should contain a List of UserNames who are NOT allowed to call that
specific Node, useful to lockout specific Users from a Specific Node.

And theres also the other Way around:
There can be a small File be placed in the BBS:Node<x> Directory called
UsersAllowed
it should contain the List of ONLY those Users who are able to call that
specific Node, Double Security, for like a PRIVATE Node for just Co–Sysops
Beta Testers, Group Members... i think someone even requested such a Function
just felt the Urge of doing it today...
```

1.105   Version 0.39p9 (06-05-95)

Fixed a small Bug with the Examine Doors... now it should REALLY
Check for 9 (NINE) other EXAMINE Doors.. (in BBS:SYSTEM Dir (XIM!))

Modified the Serial Output Routine again to use -1 Value for CMD_WRITE
Didnt work before on ISDN, now it does.
REQUIRES bscisdn.device Version 2.206 or higher!

1.106   Version 0.39p8 (06-05-95)

Increased the Delay for Modem Init by 10 Milliseconds...
Put in a RePurge after Opening the Serial Device...
Changed the Way it was parsing the DeviceName & Unit to a more secure
One than it was before... (If i would just figure out why its doing
those Enforcer Hits on WHIZ's Machine, and totally crashes on Calypso's)

1.107   Version 0.39p7 (05-29-95)

Did a COMPLETE ReCompile of the whole BBS Program using SAS/C 6.55!

We now have something i would call "Message Base Sent By" – use the
'W' Command to change it.. Bear with me as long as i give it a better
Output as it is now.
We also have a third User.Data File now, dont worry it'll create itself
on its own, just like with the Conf.DB File..

Should have fixed a Bug with the MessageBase, was possible to save a
Message using the "T" Command, and after that it wasnt there...
(Thanks to The Cracking Ltd for reporting it so "Quickly")

Also the ACP will now set the Stack to the Size of 60000
A VERY few Guys have been reporting me that their P6 Version was just
locking up for no Reason, could be a Stack Problem, so try it with the
new ACP and we'll see... otherwise we have to do some BIG Investigation

1.108   Version 0.39p6 (05-22-95)

Small Bug fixed with counting the Amount of Files at the Download Prompt

Fixed a Bug where it was still possible to use WildCards even tho they
are disabled.

Hopefully also Fixed a last Bug with the Attached Files...

Put in a Delay for Each Node for the Serial Init, heard or been told that
sometimes the Serial Cards weren't initializing right on boot up (or not
at all) – this needs to be tested first (since it ALWAYS works for me..)

Time/Byte reset at new Day Switched works NOW :)

Probably sped up the MCI Commands...

1.109   Version 0.39p5 (05-18-95)

Most probably fixed a Problem with Time & Bytes for the Day not been resetted
if a User was online during the change of a Day
(e.g. User calls 23:30, downloads and is finished 0:14 => Time & Daily Bytes
      not been resetted)
This should work now.

Also filled up the **RESERVED** Space in the Account Editor. now contains
the Bytes the User downloaded that Day... sometimes People want some more
Bytes for the Day and before it wasnt possible to just reset the Bytes they
had downloaded just that Day. Now its possible.

Put in a small Check for Iconified Nodes on Startup, before it was somehow
still tryig to display the Await Logon Text even if iconified. MIGHT have
caused Problems... Anyways, its not doing this anymore...

1.110   Version 0.39p4 (05-04-95)

Fixed a small Bug with the "NODISPLAY" Option for FileChecking...
had a small return() ayt the WRONG Place, making it NOT Check the Archive
if NODISPLAY File was found in BBS: Directory...

Everyone get the new Hydra since it'll write somethig important to the
Callerslog (e.g: Upload <File>) – and as usual i also removed that
String from the Express... only for Hydra!... sounds weird i know...

Removed Buffer due too many Problems on CRC Errors and not seeking right.

Fixed a lockup Bug with the HydraCom...

Fixed a small Bug with the ReadBuffer Part... simply forgot to change one
Seek... should (SHOULD) work now... (05-07-95)

Built in a 16Kbyte READ Buffer for the Download Routine... should produce less
DiskActivity on ISDN Downloads since Read Access will only be after each 16KB
Somehow it seems to me as if its slower... not sure might be my Imagination
but let me know if it REALLY is slower...

1.111   Version 0.39p3 (04-30-95)

Fixed some small Bug with the "Quick Logoff" – simply wasnt working on
Downloads :)

BamBam reported me a Bug which had something to do with calculating the

Bytes available for download. Didnt seem to count/calculate right and thus
not letting the User download FIles even tho they'd have enough Bytes to do
so!. - SHOULD be fixed now, as usual it'll need some testing tho!

1.112   Version 0.39p2 (04-24-95)

Hopefully fixed a Bug in the calculation part for Ratios... say someone has
a 3:1 Ratio and uploaded 900 Megs, - basically it would calculate it correctly
unfortunately it'll give a negative Value back as free bytes to download.
This is fixed now (i guess) - (ELVIN: TEST IT :))

Modified the Flag File Routine a bit, check it out Friends, at least *I*
like it... sure some others would do so too...

On Wildcard Selections for Downloads SigmaExpress will now ask for each
File. like this:

CAUCTIO1.TXT   6825 Bytes (6K), 0 mins 1 secs
(Yes/No/Done) ?

Ok, i know it looks a bit stupid, but i am working on the "Design"..
nevermind, if the User chooses Yes it'll continue searching for the next
File and will prompt that one to him too, same goes for "No".
if the User chooses "D"one - it'll stop searching and will go onto the normal
Fileselection Line for downloading.
This was a suggestion by Elvin and since i got bored i "quickly" installed it
>>STILL NEEDS TO BE TESTED MORE CAREFULLY<< (even tho it seems to work fine
for me :))

1.113   Version 0.39p1 (04-19-95)

Playing around with a few Routines , trying to fix some smaller Problems
like the misplacement/misplaced creation of Conf.DB Files, which happen
to occur randomly. Tell me if it still happens now.

Went back to old OpenScreen and OpenWindow Routines
(equal to the OLD *OLD* S!X Version...) , lets see if this gets rid of the
Enforcer Hits.

Changed the Structure of the Semaphores, actually just added One Thing:
UserNumber

So this makes the Semaphores look like THIS:

```
struct SinglePort
{
 struct SignalSemaphore semi;
 struct MinList sl_List;
 APTR  *MultiCom;
 UBYTE SemiName[20];
 int Status;
 char Handle[31];
```

```
 char Location[31];
 char Misc1[100];
 char Misc2[100];
 int  Conf;
 long ActualSize;
 long CPS;
 long BaudRate;
 int QuietNode;
 USHORT UserNumber; //<- NEW! Has the User.Slot_Number!
};
```

1.114   Version 0.39p (04-17-95)

Starting at Version 0.39p you will require a KEY FILE to be placed into
your BBS: Directory, You can get it off the Support BBS or from the Author
of the Program. (REGISTERED USERS ONLY OF COURSE) - Without KeyFile
no Part of the Program is crippled (yet hehe) just it'll say that you are
running a registered Copy/Version of the Program.
KeyFile needs to be placed with the Filename SigmaExpress.key in BBS: Dir
(Am i repeating myself? NO! haha)

As a Test/Preview of a New Option i put in the possibility to NOT let the
User ask for the File he wishes to upload (since ZModem AND Hydra is
automatically detecting the Filename anyhow and the User is able to rename
it incase the Filename is too big), to enable this just put a File called
"NoPreDesc" into the BBS: Directory, NOTE: Just a TEST/PREVIEW... if there
is a need i'll make it so the Sysop can select it from the ACP.STARTUP
(SUGGESTED by: The Crackin' Ltd *AND* Immortal (Just being lazy to do it))

Included a Routine to REMEMBER the Flagged Files, still in Progress but
already working, The Flagged Files List will be stored to
BBS:FlaggedFiles/ Directory with the Name <USERNUMBER>_FlagList
it will or lets say does contain the Files that have been flagged (logic
duh!) , the List looks like this:
File1 File2 File3 ... ...
each File is separated by a SPACE! - C-Programmers may want to use
stptok() to get the Filenames, look into your Handbook, i am probably
going to change the Way it is storing it so you just will have to read
it in Line by Line, but thats still just a Thought.

"Improved" (slightly changed) the Global Read/Scan/Zippy. after each
Conference it will PAUSE, as i noticed that it didnt do this if like
one File was found it would just continue. Still needs a lot of Improvement
like skipping of Conferences, and User selectable List of Conferences
to do the Global Stuff in, just wait and i'll do it. BE PATIENT :)..

1.115   Version 0.39o9 (04-17-95)

Happy Eastern Guys!

Built in Global MailREAD, FileSCAN, ZippySEARCH. Arguments should have

a "G" behind.. example: "N S G", "Z <pattern> G", "R G"
(Suggested by: JOKER)

Fixed a small Bug with Hydra (I GUESS), if you selected the Protocol
AFTER you entered your "list of Files you wish to download" it would
screw up the HydraCom. Fixed now. (hope so... TEST IT!)

Fixed a small Bug with the Routine that checks for available Free Space
would give a wrong Information to the Part where it tries to move the
Files to the Upload Dirs, instead it'd go to NIL: – No Good! – FIXED!

1.116   Version 0.39o8 (04-15-95)

Fixed another small Bug with the FIFO: (simply forgot to change on String
to the new Format, FIXED... Thanks to erm... WHIZ for testing & reporting.

Hopefully fixed another Bug that would occur if you'd had more than
2 Gigabyte of Free Space, actually just a small Conversion Problem which
is supposedly fixed now, need Elvin to check it out tho :)...

1.117   Version 0.39o7 (04-12-95)

Changed the Revision.doc into an Amigaguide File, hope you guys Like it.
Changed the Way S!X was accessing the FIFO: for testing, should not lock
up anymore on Files like "C=DEAD.TXT".

1.118   Small Additional Info:

I forgot to mention, those who'd want to retrieve the actual S!X Version
Number (NOT the Fake /X One..) use Number 907 instead of Number 152.
e.g.:
#define EXPRESS_VERSION   152
#define SXVERSION   907

I hope you know what i mean, at least Door Coders should :)

1.119   *ACP* Version 0.3 (04-11/12-95)

For those who are wondering "Where the Heck" the ACP SMALL Window is gone
to: You can find it in the "TOOLS" Section of your Workbench.
You may also run/drop the ACP (plus ICON, if anyone has one...)
into the WBStartup Drawer now. – If NO Workbench is running it'll open
up a small Window as usual, like as nothing is changed.
This might require some Testing as its the first Thing i do to the
Workbench "itself", thought this might be a better Idea than having a
Icon on the Workbench Itself .... even tho i had that one working too.

So Guys, waiting for your Input... cause your Input is my Output.. err
(you know its LATE.. like 4:30 MORNING TIME)

1.120   Version 0.39o6 (04-09-95)

Using old OpenScreen() Function again, Window still the new one.
Let me know if this Fixes the Problem or not...

Fixed a long existing "Bug" in the Express, People werent able to
download in Free Download Conferences if they were on a Ratio and never
actually had uploaded, this is fixed now, also added a small Message telling
People if they join a Free Download Conference that it really IS a Free
Download Conference.
Thanks to AMICOM for pointing me to this Bug/Flaw...

Removed a Routine i forgot to take out a while ago, when using the
internal Checking Routines for Archives it was always adding 3 Lines i used
to debug/get on with the FIFO: Thing. - Fixed now... i mean removed.
btw: Thanks to WHIZ for pointing me to it

1.121   Version 0.39o5 (04-07-95)

A few People have been reporting a Bug with the new Screen Mode Routines
i am trying to figure out why it is doing this (Enforcer Hits) since its
fine at my Side, seems only to occur on more than 2 Color Screens and THEN
also only on the Serial Ports, pretty strange!

From now on Users are able to do multiple File Resuming... would have
been possible in the older versions too just that i didnt see one single
small Flag, had to be set and now it should work... someone test it tho :)

1.122   Version 0.39o4 (03-28-95)

We're now using the new OS2.x+ Screen Functions, should be more System
Conform and less Memory Eating, SHOULD... at least they look better now
on my new FlickerFixer Card.
I'll try to see if i can get something like a Cloning Device.. for the
Workbench Screen.. or maybe just do a Config Program to let you Guys select
whatever Screen Mode you want to use.

1.123   Version 0.39o3 (03-27-95)

Express now checks for a File in the BBS:Node<x>/ Directory called
BYEBYE, if existant it'll simply HANG UP on the Caller on that Port
(Just preparation for an Easy ByeBye Door.. requested by a "few" Guys
 Main "Bugging" to the Coder was done by Wing Leader and Dragon Avenger)

```
Changed the Semaphores a bit more (again) :

struct SinglePort
{
  struct SignalSemaphore semi;
  struct MinList sl_List;
  APTR  *MultiCom;
  UBYTE SemiName[20];
  int Status;
  char Handle[31];
  char Location[31];
  char Misc1[100];
  char Misc2[100];
  int  Conf;
  long ActualSize;
  long CPS;
  long BaudRate;
  int QuietPort;
};
```

```
A Description of what is what is a few Lines below...
the only Difference now is that it is smaller and doesnt have the
Values as a CHAR anymore... Those needing them for WHO Doors should make
sure that they convert them to Ascii before displaying..
```

1.124   Version 0.39o2 (03-22-95)

```
Added a small Function for the Users so they wouldnt have to go thru
the "Do you want to leave..." Message for 10 Secs... i'll call it
QUICK Logoff... sorry not been put on the Option Lines for the Transfer
Section yet, but its there.. i'll fix that soon just not sure how the
Option Line should lool like afterwards... Oh before i forget it...
the Option KEY for this is on Up & Downloads the "Q" ( (Q)uick.. )
```

1.125   Version 0.39o1

```
Added Support for special External Archive Checker.
Just place a supported XIM Module into the BBS:SYSTEM Directory
with the Name of ArcCheck. - i am currently beta testing my own
Version which i adapted from a Checker/Adder/Stripper i saw on a
TEMPEST BBS.
The Way S!X is parsing the Filename to the ArcCheck Door is very easy,
just retrieve the BB_MAINLINE. it will contain the FULL PathName to the
File that is going to be checked. - as Return Value's you can use the
same DT_GOODFILE Values/Routine as for a DupeChecker/FileChecker.

IF the ArcCheck Module is existant S!X will SKIP the ordinary internal
FileCheck Routines. Just to let you know.
```

1.126   Version 0.39o (03=11-95)

Changed the Way the Semaphores are handling the QUIET Port Flag. Here is
how the Semaphore now looks like:

```
struct SinglePort
{
  struct SignalSemaphore semi;
  struct MinList sl_List;
  APTR  *MultiCom;
  UBYTE SemiName[20];
  int Status;          // What the User is doing.
  char Handle[31];     // User Name
  char Location[31];   // User Location
  char Misc1[100];     // either Filename or Door Name.
  char Misc2[100];     // Full FileSize of the current File (on transfer)
  char Conf[2];                // Number of the Conference the User is in ( ←
      RELATIVE)
  char ActualSize[8]; // Actual Size of the transferred File. (Position)
  char CPS[5];         // Actual CPS of the current Transfer.
  long BaudRate;       // Actual logged in Baudrate
  int QuietPort;       // NEW! If Port is Quiet this is 1 otherwise 0
};
```

Before it was updating the Semaphores on a Quiet Port so its loading in
the Value of -2 for the UserisDoing Code. this is now not done anymore
instead it'll fill in the QuietPort Value with an Integer of 1 if its
not Quiet its 0 - should give some more possibilities for Who Doors.

1.127   Version 0.39n9 (03-03-95)

Had to fix a MAJOR Bug witht he CPS Calculation for Hydra. Simply crashed.

Hydra Transfers should now show up the CPS / Effency after the Transfers
has been finished. Should fix the Problem with S!X showing [LOSS] in the
Sent By: String.

1.128   Version 0.39n8 (03-01-95)

FIFO Output FINAL BUG FIX NOW!... just using some new custom "Read the Line
and Convert to CR & LF" Routine.

Another small Bugfix... the FIFO Display for the User missed a LineFeed
Code... Should be fixed now.

Fixed a Bug (a few... OK, a LOT) in the FileID Return/Empty Line/Ansi Strip
Routine... it just didnt work at all! Oops!

1.129   Version 0.39n7 (03-01-95)

Added something new to the SEMAPHORES (for WHO Doors...)
This is how the Structure looks like:

```
struct SinglePort
{
  struct SignalSemaphore semi;
  struct MinList sl_List;
  APTR  *MultiCom;        <-- Pointer to the MultiCom Address (Chatters)
  UBYTE SemiName[20];   <-- NO IDEA :(
  int Status;             <-- Enviroment Stats. like 03 = IDLE etc. same as
                              You can get out of the ENV: File.
  char Handle[31];      <-- Users Handle/Name (duh!)
  char Location[31];    <-- Users Location
  char Misc1[100];        <-- Stores either FILENAME *OR* the DoorName.
  char Misc2[100];        <-- Stores some Misc Info.
  char Conf[2];                 <-- Which Conference the User is in.
  char ActualSize[8];   <-- Actual File Position for UP/DOWNLOAD.
  char CPS[5];            <-- This has the current CPS stored as ASCII
  long BaudRate;         <-- This is new, has the Users BaudRate he logged
};^^^^^^^^^^^^ NEW!       in with.
```

Changed the Way Express is initializing the Modems, now a Instant Login
with an already Connected Modem can be done.
Example:

You have been calling out with your Favorite Terminal Program.
Now a Call to the BBS comes in, you'll see RING on your Terminal Screen
now before you could not let that Caller in without letting him Call back
after the Port is initialized again. Solution for now:
Just enter
ATE0 <RETURN> <- to turn the Echo Mode OFF
ATA <RETURN> <- give Carrier
after the Connection has been established you can tell the Guy on the other
Side to wait a few Seconds.
Now load up your Port in the Background, after it says Awaiting Connect
quit the Terminal Program, uniconify (if required) the Port and Press F3
for Instant Login, at this Point the BBS should go on as if the User would
have called the BBS in "normal State"... the User can go on as he would like
to and didnt lose a Unit calling back...

I hope this Explanation is brief enough to let you understand what i ment.
By the Way, the above can only be done if the Terminal Program opened your
Serial Device in shared Mode, and the Terminals Baud Rate is EXACTLY the same
as for your BBS.
IF NOT LET ME KNOW!...

Included a ANSI Strip Routine in the File_Id Diz Reading Function.
(This is the Routine that lets Express use the extracted Descriptions!)
Also an Internal Empty Line Skipper for File_Id's

Using FIFO.LIBRARY now, either get it off a Fred Fish Disk (No.588)
or download it off one of our Support BBSes.
(FIFO.LIB is (c) Matt Dillon...) - The Installation of this is not just
recommended but ALSO REQUIRED!!....
(This is the beginning of having CLI Doors... for now i'm just using this

for the File Testing Routine!...)
Due Technical Problems (small) only the first BAD Line in the FCHECK Files
will be used for Error Detection
(e.g. file: BBS:FCHECK/LHA
LHA
T
WARNING: <- will be used
Corrupt <- will NOT be used...
)
this is temporary...
gonna need some rewriting of the Error Detection Routine!

Fixed a Bug with the Hydra, wasnt adding TIME for the Uploads you've done
in a Hydra BiDirectional Session.

1.130   Version 0.39n6 (02-28-95)

Removed one AllocMem Routine Part, from now on S!X doesnt use allocated
memory anymore for storing the Skipped Files, in exchange for that Part
there will be a File created in your Port Directory called SkippedFiles
which containts the Filenames of the Files that have been skipped (if using
Zmodem!). – hopefully fixes Picard's Problem with S!X giving Enforcer hits
after <xxx> Files that have been skipped. ALSO this is freeing about
32KiloBytes of memory, means S!X will use 32K LESS RAM for each Port

Fixed a very small Bug with the Eviromental Status Setting (you know for
Doors and such Things) before it didnt set the Flags for Up & Download if
you ran a Door in the uploadmsg.txt OR the downloadmsg.txt , this is fixed
now and should give no Problems anymore with the WHO Door displaying the
Doornames or Filenames. (Just some Lines to change, like i moved the
SetEnv Part about 5 Lines down AFTER the displaying of the uploadmsg.txt
(or downloadmsg.txt) – this should fix the small Problem!

1.131   Version 0.39n5 (02-22-95)

My first Tries on improving the Speed of the MCI Commands are in now.
Anyone noticing something? Probably not.. erp!

Exchanged the C Internal String Compare Function with a CUSTOM Assembler
Routine. a TICK faster :)

Fixed a "Bug" where Express would execute the Command a User entered before
the Sysop dropped into Chat.
(For Example.. a User enters "G" as a Command and BEFORE he presses Return
the Sysop breaks into Chat, if the Sysop would now EXIT the Chat it would log
the User off, might be not good if the Sysop just persuaded the User to do
something else instead of logging off...)

Changed the View_a_File Routine: Now possible to view HEX Files too
(BINARY i mean.. like a LHA File) before it would screw up your Screen
but now it'll convert it to a Text Format, so that you can view it.
PS: Also removes these (to me annoying) Text Ad "View Protectors" – if you

do not want your Users be able to View Text Files just DISABLE the View
Option/Command for them.

Changed Password Routine to NOT Show the Password a New User enters
Also together with that a small Routine to double check if the PW he entered
is correct (just like on most PC BBS Programs).

1.132   Version 0.39n4 (02-20-95)

Probably fixed a Bug in the ZOOM Command, was not deleting the Zoomed Mail
after a Transfer, should be doing this from now on.

made it so that if you are wanting to log onto your own BBS from the LOCAL
Side that you do NOT need the Password anymore, it'll just go on as if
you have had entered the Password (Suggested by erm... donno.. Innuendo?
not sure... but nice Idea still (IN MY OPINION))

After some Time of doing nothing (better, being ill in bed) i am doing some
more Coding..

Included a new User Flag: Reply Skip (sorry couldnt find any better Name)
if this is turned ON by the User, the Reply Text wont be shown again if you
wish to quote the Text. Like before it was showing the WHOLE Text again
until you could write on, now this is selectable... Looks a bit like on
Tempest just that it is User selectable.

1.133   Version 0.39n3 (02-08-95)

Fixed a small Bug where it wasnt displaying the LOGON Text for a User with
the same User Level as the Preset.1 Defines.

Another Sys.Cmd Door can now be optionally being placed into the
BBS:SYSTEM Directory: FILECHECK

The Following Doors (Doornames) can now also be placed into the System
Directory:

                        PWFAIL – FRONTEND – ANSI

(I think i should write a new complete Listing of what can be in the
 BBS:System Directory, here we go:

```
PWCHECK                   Replaces the internal Password Checking Routine.
                          used for the /X 3.x/4.x to S!X Switching Time :)
NEWFILES          Replaces the "N" Function
ZIPPY             Replaces the "Z" Function
PWFAIL            A Door that can be run if a excessive Password
                  Failure happened (e.g.: To send a Message to the
                  Sysop)
ANSI              Replaces the "ANSU Yes or No" Question.
FRONTEND          Could be used to replace the PortStatus in front
```

```
                                of every Logon.
SYSTEMPW                        Replaces the System Password Prompt (including
                                the Private Text)
EXAMINE                             Use this to take advantage of a File_ID Door.
                                (Note: Internal One has been taken out a few
                                 Days ago, going to provide a new EXTERNAL One
                                 Made by the "Master" himself.. (errr)
EXANINE1 to EXAMINE9    Just incase you'd like to run more than one EXAMINE
                                Door (e.g.: a Door to print out the Date of the
                                File_Id.Diz File into the File Listing (DizDater))
WHO                             Replaces the internal WHO Command.
PAGER                           Replaces the internal Sysop Page (must be a FULL
                                replacement, not a Sysop Page FrontEnd)
STATUS                          Replaces the "S" Command.
        Final Note: all above System/ Dir Programs MUST be XIM since no
                        bbs.cmd/sys.cmd/conf<x>.cmd is done.
```

Modified the InternalCommand() Routine to search for the same Thing in the
SYS.CMD too if the wanted BBS:SYSTEM/ Command has not been found there.
Nice Suggestion by Galaxy.

Its also possible now to use multiple EXAMINE Doors.
Right after the first Examine Door has been started it'll search for
NINE Other EXAMINE Doors, they should all go to the BBS:SYSTEM Dir and will
be called EXAMINE1 to EXAMINE9
e.g: BBS:System/Examine1
     BBS:System/Examine2
     BBS:System/Examine3
     BBS:System/Examine4
     BBS:System/Examine5 ...etc
as usual they should be XIM.

FILE_ID Extractor Doors are now going to the BBS:SYSTEM Dir.. Name:
BBS:SYSTEM/EXAMINE
(Make sure they are XIM...)

Removed the internal File_Id.Diz Extractor for a while, i'm gonna supply a
external Module similar to the old Internal One in a SHORT While. Stay
tuned.

1.134 Version 0.39n2 (02-01-95)

Had a small Bug with the Conf.DB AGAIN. This Time nothing big, but it did
just create a Conf.DB File of 74 Bytes (aka ONE User) if the Sysop Logged on.
Also while doing this i removed the Routine that would take over the Bytes of
the Current User. So everything should be ZERO as for Upload/Download
Files/Bytes on a new Conf.DB File. – Bug detected by Calypso.

Removed the String saying "HI this is your xx Call, xx Calls remaining" until
i finished that Part of the BBS Routines.

1.135 Version 0.39n1 (01-30-95)

Fixed ANOTHER Bug with the MsgBase Scanning... This Time reported by Calypso
(Murphys Law: If you think you fixed it, it'll break somewhere else)

Fixed a nasty Bug with the Conference Accounting Bytes Save Routine.
Problem that i had was that it READ in the Structure and THEN WRITE it
again!... Kinda logic that nothing will be changed huh? Stupid me!

1.136   Version 0.39n (01-29-95)

OOppps... had a small Bug in the revised Msgbase Scan Routines.. Didnt show
EALL Messages at all, Bug found by Galaxy, fixed by Sigma :))

"Fixed" a Bug with the Console Cursor being turned on on the Awaiting
Logon Screen (if a Port is uniconified)

Had to fix a small Bug withthe Conference Accounting (was not counting right)

Also put in MORE new Door Commands.:

```
DT_CFILESUPLOAD     Allows you to retrieve or change number of useruploads
                    in the current Conference

                    msg->Command = 903
                    msg->Data    = 1 or 0

                    if msg->Data = 1, then msg->String will be uploads.
                    if msg->Data = 0, then uploads will be msg->String.

                    ----------------------------------------------------------
DT_CFILESDOWNLOAD   Allows you to retrieve or change number of userdownloads
                    in the current Conference

                    msg->Command = 904
                    msg->Data    = 1 or 0

                    if msg->Data = 1, then msg->String will be downloads.
                    if msg->Data = 0, then downloads will be msg->String.

                    ----------------------------------------------------------
DT_CBYTESUPLOAD     Allows you to retrieve or change bytes uploads per user.
                    in the current Conference

                    msg->Command = 901
                    msg->Data    = 1 or 0

                    if msg->Data = 1, then msg->String will be bytesuploaded.
                    if msg->Data = 0, then bytesuploaded will be msg->String.

                    ----------------------------------------------------------
DT_CBYTESDOWNLOAD   Allows you to retrieve or change bytes downloaded per user.
                    in the current Conference

                    msg->Command = 902
                    msg->Data    = 1 or 0
```

```
                        if msg->Data = 1, then msg->String will be bytesdownloaded.
                        if msg->Data = 0, then bytesdownloaded will be msg->String.

                        ------------------------------------------------------------
DT_CALLEDTODAY          Allows you to retrieve or change number of Calls a User
                        has made THIS Day.

                        msg->Command = 906
                        msg->Data    = 1 or 0

                        if msg->Data = 1, then msg->String will be timescalled.
                        if msg->Data = 0, then timescalled will be msg->String.

                        ------------------------------------------------------------
BB_CONFACCOUNT          Allows you to retrieve the current Conf Accounting Setting
                        Also possibility to turn it ON or OFF
                        msg->Command = 905
                        msg->Data    = 0 - will turn Conf Accounting OFF
                                       1 - will turn Conf Accounting ON

                        msg->String will be "ON" or "OFF".

                        ------------------------------------------------------------
```

1.137   Version 0.39m9 & ACP Version 0.3 (01-29-95)

ACP is now showing the actual Transfer CPS (just as in /X). Nothing useful
but just a nice Gimmick :)
(and because of this theres a new Express Version too)
**NOTE: I have to thank Curtis Botherton for the Source Code for this
      implementation.

1.138   Version 0.39m8 (01-29-95)

If you a ABORT a Message now while replying to another, it'll not just
QUIT the Message Base Stuff, but re-display the whole Message.

If you quote a Reply, it will NOW do NOT show the whole Quoted Text again,
this is just an Idea and i put it in to see how you Guys and your Users
like it. (aka. NOT "USA FINAL" yet..)

Had to go back to the old MCI Safe Routines... there were Problems with the
MCI Commands.. somehow it still was possible to lock up the BBS *OR*
Download the USER.DATA ... NASTY! luckily no one found out except for
"- GALAXY -" (Thanks for the Bug Report).

Modified the MsgBase Routines... now you will not get any previously
received Msgs anymore if the Last Message Scanned Pointers have been
reset to ZERO somehow (Conf.DB crash for example).

1.139 Version .39m7 (01-29-95)

```
Revised the MsgBase Routines a bit more.
On Touching/Keeping a Message, the Mail Scan wont Stop anymore
like it did before.
```

1.140 Version 0.39m6 (01-28/29-95)

```
Finished the Conference_Accounting Function.
Bytes will always be added to Conf.DB, just that they will only be used
for Conference_Accounting when Conference_Accounting is turned ON.

You can Switch between Conference_Accounting turned ON and OFF by pressing
SHIFT and F5 while a User is online. This is just in for testing Purposes.
I'll probably make everything like that in the Future just not temporary.
So someone could Change a Config QUICK without booting up the Computer again

Put in a Routine to clean up the Conf.DB File for a new User, before it was
like when a New User logged on, it used the OLD Values of that old Deleted
Account for all the Stats, this is fixed now - Will be all set to ZERO in
ALL Conferences at once.
```

1.141 Version 0.39m5 (01-26-95)

```
Implemented a new DOOR Routine... here it is:

DT_CONFACCESS      Allows you to retrieve the users conference access.

                   msg->Command = 900
                   msg->Data    = 1 or 0

           if msg->Data = 1, then msg->String will be real access string.
           if msg->Data = 0, then access string will be msg->String.

              NOTE: string consists of upto 25 'X' or '_'. ie:

                   12345678901234567890012345
                   -------------------------
                   X_XXXX_XXXXX_X_X___XXXX_X
                   ^-- 'X' = access, '_' = no access
```

1.142 Version 0.39m4 (01-26-95)

```
on a Suggestion by Calypso i modified the ConfDB Expansion Routines a bit
From now on (if the Conf.DB File is not existant in the Conference) it will
expand it to the correct Size for ALL Users... say you dont have the
Conf.DB, your Amount of Users is 500 and User 200 Logs on,
S!X will check how large the actual Conf.DB is, if not existant it will
```

create a new one, then check how many Users you have overall and according
to that Amount generate the Conf.DB,
(User 200 logs on, S!X Check for Size.. Size not big Enough, S!X will create
 or expand Conf.DB required for 500 Users + 2 (502 Users..))

Next Thing that is changed is if a new Conf.DB had to be created in a
Conferences between Number 1 and 9 it will use the MsgBase Pointers that
are stored in the User.Data – before it used the Conf.DB Pointers – which
were zeroed... – should avoid a total rescan of old Messages and EALL's

1.143   Version 0.39m3 (01-25-95)

Fixed a drastic and dramatic Bug with the Conference Presets.
Somehow it didnt initialize the Conference Access Preset Correctly if a
New User called and the BBS was just booted up, the new Routine would try
to load in a File called "BBS:AreaNames/" <- no Filename, fgets() would
produce a "nice" Guru... Wham. – This is fixed now.

1.144   Version 0.39m2 (01-25-95)

Another new ACP.STARTUP Command:

Port* CENTRAL_HOLD

If you put this into your ACP.STARTUP S!X will use the Directory
<BBS: Directory>/HOLD/ for all private/Tested Corrupt Files.
otherwise it'll be just like before using the Conference's HOLD Directory

1.145   Version 0.39m1 (01-25-95)

Put in two new ACP.STARTUP Commands:

Port* CONFERENCE_ACCOUNTING – This will *later on* turn on the Conference
                               Accounting.

The next New ACP.STARTUP Command is:

NO_WILDCARDS – This is to turn OFF the use of Wildcards in the Download
                Section.

1.146   Version 0.39m (01-24/25-95)

Put in a Routine to automatically create the Conf.DB File(s) if they are
non-existant. – Means the CONFDB Tool is not needed anymore.

1.147 Version 0.39l9 (01-24-95)

Got the Extended Conference's MsgBase Pointer Saving Routine to work.

Put in a new DOOR Option: QUICK_KEY.

QUICK_KEY will try to see which Key has been pressed on the User Side
in a Door Operation, making it possible to detect Things like CTRL-C or
CTRL-X Pressings in a Door. Here is how it works:

```
msg->Command is 608
msg->Data    is not needed
msg->String  is not needed.
```

It'll give these Values back:

```
msg->Data   -1 if Carrier Lost,
            otherwise it will give back the DECIMAL Value of the Key pressed
    (example: '\003' would be the Return Value for a CTRL-C ( C Code))
Note: this should be the same Function as they are using in the newer
      /X Versions, (I've to thank GALAXY for the new amiconsasc.c)
```

PS: more Stuff like this should come in soon.

1.148 Version 0.39l8 (01-23/24-95)

Changed the Look of the Internal Who "Door" a BIT... Still searching for a
good/better One.

1.149 Version 0.39l7 (01-23-95)

Fixed a small Bug with detecting of Conference Access for the new
AreaName/Extended Conferences. Before you couldnt leave a Message
to a User in a Extended Conference since it was just checking in the
normal Areaname/Conference Access Size (e.g. upto 9) – Fixed now.

1.150 Version 0.39l6 (01-22-95)

Put the Sent By String into the sexpress.catalog
Put the Extention Default for Text Files into the sexpress.catalog
(eg: Bull.txt – The TXT is in Catalog.. so if you change it in a
    different Catalog for say German Language to GER it'll try to
    display Bull.ger instead of Bull.txt (if it doesnt find it it'll
    drop back to Bull.txt))
Put the MENU Line into the Catalog. Some may want to change it.

1.151   Version 0.39l5 (01-22-95)

```
Had to change from OS 2.1 Catalog Routines to Custom OS 2.0 Routines.
This is making it easier for Folks to Generate their own Catalogs.
Even those that do NOT have Workbench 2.1.
You'll need the iffparse.library, not sure if it comes with WB 2.0, since
i have it since a long Time, dont remember if its supplied or not.
```

1.152   Version 0.39l4 (01-22-95)

```
FINALLY finished Languages Support over the Catalog.
I'll explain later on, i'm a bit tired right now for some Reason,
the next bigger Revision.Doc File will have a better Explanation about how
to use it. -Right now this Feature is still in the TEST Phase-
```

1.153   Version 0.39l3 (01-22-95)

```
Put in a new BBS:System/ Module (XIM) called SystemPW
If this Module exists it will be run BEFORE any Information about the
BBS has been given... (IF Stealth_Mode is on)
```

1.154   Version 0.39l2 (01-18-95)

```
Fixed a WEIRD Bug with the FlagFile Routine, was for SOME unknown Reason
always adding the Number of the Flagged File instead of a " " (Space) to
the FlagfileList... Fixed now.

Changed the internal Filecopy Routine to always use a Buffer of 32KByte for
copying, before it always tried to use the WHOLE Filesize of the File to be
copied for the Read Buffer, then fall back to small Buffered Way. Should
Fix up some Memory while moving Files around.
```

1.155   Version 0.39l1 (01-17-95)

```
The HOLD Directory for BAD Uploads is now in the BBS: Directory.
Make sure you create it. (reminds me of putting in an AutoCreate Function
for these Cases)
```

1.156   Version 0.39l: (01-15-95)

```
ACP is now showing Baudrates upto 999999 Baud (e.g. 115200).

Express is now using the TOPAZ Font, so no matter what Font you've
selected in the System Preferences, Topaz is the one that will be used.
```

(Good for MagicWB Users)

 ATTENTION: Currently NO Saving of MsgBase Pointers in any Conference above
            Number 9. To be Fixed SOON!

Had to limit the Amount of Maximum Conferences to JUST 25 Conferences.
(Problems with the Merged Data, since i didnt want to go 300+ K of Main Files)

Made the first "working" Preparation for MORE Conferences.
(YOU *MUST!* Create a Directory called AreaNames in BBS: !)
¦t's a DUAL System. which Means you do NOT need to change the whole User.Data
to the new AreaName Format (like it was in /X hehe), if the BBS cannot find
the AreaName File in BBS:AreaNames/ it is switching back to the old System
Like you have set the Access for a User to "XXX_____"
S!Xpress will search first for
BBS:AreaNames/XXX_____
and if not found it will use the old System for Access.
IF it is finding it it'll read it in (maximum is 100 Chars = 100 Conferences)
and Convert the read in String to the valid Access Bits. (needs to be tested)
Say you give a User the Access "USER"
S!Xpress will search for
BBS:AreaNames/USER
if found it will read it in and convert it.
The AreaName File MUST look like the old XX_X_X_ Thingy just that you can
make it 100 Characters long.
Example:
 Say you have 15 Conferences, the User with the AreaName NORMAL should only
 have Access to Conferences 1, 4 to 5 and 15 then the File
 BBS:AreaNames/NORMAL must look like this:
X__XX_____X
^ ^^   ^-- 15th Char , the "X" Indicates User has Access.
^ ^^-------------5th Char, "X" = Access
^ ^--------------4th Char = 4th Conference (X = Access YES)
^-----------------1st Char = 1st Conference (X = Access YES)
The REST (where the Guy with AreaName NORMAL should NOT have Access to)
MUST be UnderScored ("_").

Play around with that a Bit but DO NOT give Anyone Access to the extended
Conferences yet, i still need to put in a Routine to save the MsgBase Pointers

1.157   Version 0.39k: (01-13-95)

Changed the Stealth Mode due popular demand to NOT display any Info after
getting connected. Just like Ami-Express. :)

1.158   Version 0.39j:

Included a Global New Scan, currently only using the internal Filescan Routine
(Will think of a better Way). Command(Option) for this is putting a G instead
of a U on the Command Line for NewFile Scan. EG: N S G instead of N S U.
(Looks a bit stupid right now, but i'll work on it a bit more since its like
3 O'Clock Morning Time New Years Day hehe)

Changed the Door Codes a bit to let (just like /X) the WHO Doors show the
CUSTOM Name of the Door (if given using SV_NEWMSG Command) in the Who Command
**Notes: I am NOT sure if it works and still if it DOES work if its the
        same Way Mr.Hodge did it. Some Testing might be useful.

Included the first Preparation for FAX RECEIVE! (YES!) . I just need someone
test out the ConnectString Recognization(sp) Function.
It should print out this Line to the CALLERSLOG if a FAX Connect has been
detected:
        FAX! FAX! FAX!
and since i dont have a FAX Modem i'd be very thankful for everyone who
could test that Thingy out. (This is for you Gregg)

Made it possible to reserve a Port for a User from the Remote Side.
Al you need to do is save a Text called RESERVENAME to the Port Directory
of the Port you wish to be reserved and tell the ACP to tell the Express
to check for it. (i'll supply a Source Code of my example Reserver.XIM
if you need it.)

On a Suggestion by 2-Cool i modified the Routines for Outputting TEXT on the
Screen & Serial Sides, Now its started asynchrone .. Before (if uniconified)
it was putting out the Serial First and then the Screen Text, now they are
both been outputted at the same Time. Should be faster. Needs to be tested
first.

Included some new Env: Stat.. its Number 31 (for those that care)
and will be shown/activated when a RING Signal has been detected.
Logically it'll say on/in the S!X Controller "Ring Detected".
(Now thats a smart Idea huh?), my Thought is that i'd like to give as much
Information about what is going on in the BBS as possible.
(Even thinking of making a Difference between READING Mail, Writing Mail
and even REPLYING TO Mail.. just like to have a lot of Info...)
**NOTE: You'll need the new ACP aswell (Date: 12-15/16-94)

I think to have fixed a small Problem with the Date a User was last on
If your Battery Screwed up it would set it to the current Date,
Now the express is only setting it if the Date is NEWER than the one the
Guy has called last.

Hydra: Now you can also just upload with Hydra. (Finally fixed :))

==

1.159   Version 0.39i:

Improved the Hydra Support to have PartUpload and Resume Facilities..

Hydra now has a I/O Buffer of 16 KByte...

Fixed a Bug with the Callerslog... If turned off by ACP.STARTUP it still
made/created it..

Included new Door Type..: S - for SCRIPT.
You can now setup Script Doors.. they wont show anything on the User Side but

might be helpful to start several Other Things.. whatever...
Maybe you just want to start a Script to update your Bulletins. Now its
easier...

Two new ACP.STARTUP Commands! You need to use them.. otherwise it might
give some Problems. They are:
Port<x> QUIET_Port <lvl>
Port<x> WHO_FILENAMES <lvl>

The <x> indicates the Port Number or * for all Ports.
The <lvl> indicates the User Level required as Minimum for that Access.
everything equal or higher than <lvl> will mean the User has Access to that
Function/Command.
QUIET_Port: Access to the 'Q' Command... Quiets the Port and hides User
            from display in the Who Command.
WHO_FILENAMES: Lets you define a User Level where the Uploaded/Downloaded
               Files are either shown or hidden in the WHO Command.
               This works only with the internal Command but i will provide
               an Door Option so Coders can retrieve wether the User is able
               or is not able to see the Filenames.

Changed the internal WHO Door to display FileSize/Receive&Send Position
aswell as CPS.

Preparations to let the WHO Door (and soon the ACP aswell!) show the
full Information of a File being transferred.. e.g.: Filename
FileLength, CPS, Actual Receive/Send Position. Needs to be tested tho

Made it so Guys can also do UPLOADS and ONLY Uploads with the HydraCom.
If it doesnt work – let me know :) (but it should!)

Modified the Routine for Filecheck to tell the User that its testing
a File if the INTERNALCHECK Function has been used to exit a Filecheck Door
(Now youre lost eh?)

Hydra is now skipping Files that are already online.
Improved the Speed of Hydra.

Installed Security Check for Hydra. If no HYDRACOM is available in the
BBS:SYSTEM Dir then it'll "Fall back" to the internal Zmodem Functions.

Hydra Implementation done (95% – NO DupeCheck or Check for Files that are
already online!) – Everyone should feel free to check it out...
Download/Get the Hydra Protocol out of the Support Directory. Always use
the latest Version. I Need a lot of Guys to test this.
If you got the Protocol simply copy it to BBS:SYSTEM/ Directory.
Hydra Filename is HYDRACOM (reads BBS:SYSTEM/HYDRACOM)

Hydra is about to be implemented 100%ly... Current Rate: 85% – 15% to go.
After Hydra is done i'll be doing the Conference Stuff...

Now the ~CL + ~CD Commands (MCI) are REALLY Fixed... kinda annoying huh?

==

1.160   Version 0.39h:

Now the ~CL + ~CD Commands (MCI) are REALLY Fixed... kinda annoying huh?

The Account Editor will now also find DELETED User if you use the SEARCH
Option.

On Request by JOKER i was thinking or lets say HAD TO Think about a new
Way to continue/quit the Account Editor (Joker said that it wouldnt do that
on some PC Terminals – never happened to me tho... but...)
So now you can End/Continue Search etc. the Account Editor by hitting
the RETURN Key... TAB is still working tho. The Return is just a 2nd Option.
(This one's for you Steve...)

Optimized the Account Editor a bit. (like saving 2 KByte of Space)

Fixed a small Problem with the MCI Commands ~CL| and ~CD| (to list the
Conferences using the MCI Command). If the Relative Conferences was turned
OFF it would have shown ALL of the Conference Names. Including those where
the User did not have Access to. This is Fixed!

Made it so that the User will be thrown out of the BBS BEFORE the File-
Checking Starts if they selected "Goodbye after Transfer". Not tested but
should work.

Fixed the NewUserInit – so every NewUser wont have "Random" MailScan etc.
Just to init every Users Data File to their Correct Values.

Fixed the New Users so their Last Date called would reflect the Date they
first called the System. –more or less important for the File Scan(ners)–

Made the BBS Program save the New User Answers not to TEMPANS anymore.
instead it'll save it to a Directory in the BBS Dir called Answers
(NOTE: You will HAVE to create that Directory (e.g: makedir BBS:Answers)
        otherwise it wont work!)
This should make it easier for the guys to view a specifics User's Answers
on the Questionaire. Will modify the Account Editor to show the Answers soon.
(Got that Idea off Courier BBS by /<ing Cobra.. well done Friend)

If you press '?' now in the Account Editor it will show you that Users
Questionaire Answers.

Included a Function that will fix the Ansi Code ESC[31m (before it was
displayed as RED, but it should be WHITE Instead. – Fixed now)
Will only be a fix for the Console/Sysop Site.

Optimized the Text Output Function once again. NO Playing around wih the
System Routines, just simplifying the Text Output Routine itself.
Should be a few Milliseconds Faster now (everything counts). I hope so at
least. If you have any Problems let me know asap.

When doing a Local Upload it'll ask you if you would like to MOVE the File
(Delete Original File after Copying) or just COPY the File (NO DELETE)

Installing the Maximum Calls per Day. The shown Info at the Moment is just
faked. Dont worry about what it is saying.

Changed some Output Routine, using QUICK IO Flags now... Speed Increase?

Hopefully fixed a Problem with the MailScan. Thanks to WING LEADER for the
Hint/Report. When a NEW USER logged on and DID NOT have Upload Access it
simply didnt scan the Mail. This is fixed (i think... someone test it)

==

1.161   Version 0.39g:

Changed the Upload/Download Routine to use PUBLIC Memory instead of
Chipmemory only -> means its storing the Zmodem Buffer in FAST RAM
or 32Bit RAM (if available) - should speed up everything and save
Chip RAM. (for those still having 512K Chip maybe a good Thing to have)

Merged the Routine that SAVED the Account and the one that LOADED the
Account together into one single Routine.

I "Finally" put something into the BBS Program that i always wanted:
Now you can CONFIGURE the DEFAULT Directory for LOCAL UPLOADS.
All you need to do is to place a Line into the Acp.Startup like this:

```
Port* LOCAL_UL_PATH dh0:download
^   ^ ^               ^------------ This is the Path
^   ^ ^-------------------------- The "KeyWord"
^   ^-------------------------- * for all Ports , or the Number for the
^                                specific Port (0 to 9)
^----------------------------- The Port Keyword... just use it.
(This is a Test of my Way explaining Stuff - call it V0.2 :) )
```

THIS IS NOT TESTED YET: Will do that later on.

The Above didnt seem to work YET... Working on it..

Fixed a small bug "major" bug. Express wasnt counting up the Times called
anymore.. kinda stupd little Bug. - Fixed now.

Fixed the Local Upload Path thingy.... means: IT WORKS! You'll have to get
the new ACP aswell.

==

1.162   Version 0.39f:

Put in a new System Internal Module:

PWCHECK -> Goes to BBS:SYSTEM with filename PWCHECK

Lets you replace the Password Function... Currently used to decrypt/use
the Ami-Express 3.x/4.x User.Datas (Converting wise).
Get the PWCHECK Door off my Support Conference here.. or if youre American

i should already have been given it to you (if i'm not lazy)

Thanks to CALYPSO for the Effort he set in that Small ASM Door.

Express shows now the wrongly entered SYSTEM & NEW USER PASSWORDS in the Callerslog.

===

1.163 Version 0.39e:

Included a small Option as Preference for the Users:

        Now they can choose if they want the Port to be QUIET whenever
        they logon. Might be good for Guy who do not want to be bothered
        by any Multi Port Chatters/Olms, or whatever else.

Changed the Express to ALWAYS use the .catalog File - even if the
defaults set to ENGLISH (previously it would not accept the .catalog
Files in the locale:catalogs/english/ drawer if the WB Language would be
set to english.)

Took out a few unneccessarry(sp) Routines like the one for Setting the
NRAMS, and one to set the Protocol (might be used later whenever Hydra is
implemented)

===

1.164 Version 0.39d9:

Inserted a small SYSOPLOG - This is ALWAYS on, maybe (!) soon as an Option.
The Sysoplog contains every Info on Account Changes including the NAME of
the Co-Sysop/Sysop changing a Users Informations. (This ones for you Ped!)

Modified the STEALTH_MODE slightly:

 Will only Show the (c)Information, not the Port / Baud Information.
 This is the least i want it to be display - nothing LESS than that.
 (Ok Chris?! hehe) - Hugh! I've spoken.

===

1.165 Version 0.39d8:

I *THINK* i finally finalized all of the Locale Stuff, Brief Document on how
to create your own Catalog File and how to use it coming soon.
IF there is any String/Text missing which should be included in the
Locale/Catalog - Let me know!

Fixed a small Bug with the Languages File,somehow it still required the

Languages File in the Port Directories, making it necessary to "DUPE" them.
SHOULD work by now!

==

1.166   Version 0.39d7:

Included another new W Command Option for the Users... now they Can select
if they would like to do a Mail Scan, or not OR if they want to be asked for
it just like its been before.

FINALLY! FINALLY! i got these stupid Locale Things to work.
a big Thanks to 2-Cool once again and to Jochen Wiedmann for their Help.

Using iffparse.library now for localization. Makes it easier to let the User
select his own Language.

You'll need a Textfile located either bbs:bbstexts or bbs:Port<x> called
Languages
Format:
Line 1: Amount of Languages you have got...
Line 2 to ??: The Names of the Languages.
Example:
----- CUT ----
2
German
English
---- CUT -----
***NOTE: THIS IS IN PROGRESS AKA: NOT FINISHED YET!

Finally got the Automatic DeQuietening of the Ports to work.
This will prevent a Port to stay QUIET all the Time if a User uses the
"Q" Command and forgets to deQuieten the Port

==

1.167   Version 0.39d6:

Made it so that NEW Users are having the Choice of ANSI Default too right
at the Login.

 Now you can have a WHO Door (XIM!) in the BBS:SYSTEM Directory
 Just use the NAME WHO .... is faster than over BBS:Commands/BBS.CMD

Moved the Checking for Part Uploads before the MailScan Starts.
Same Thing for the Lost Carrier Processor.

Starting to implement HYDRACOM (bi-directional) Protocol into S!X :)

Fixed a small Bug with the ZOOM Function, where it wouldnt send
the Zoomed Mail to the User.

Speeded up the Check for the Paths/Ndirs/Screens/etc Files.

Using LOCALE: (locale.library) now. MANY MANY Thanks to 2-Cool for the example
and explanation on how to use it. (Appreciate it Dude)

you'll now also get a sexpress.catalogue File in each Update which you'd have
to put into your locale:catalogue Directory (i guess hehe).
aswell as a sexpress.cd / sexpress.ct File.
the sexpress.cd shows you which Text Files you can create. at this Time
its not allowed to change the Order of the %s %d etc Kind of ASCII's.
I'll make it soon so you can change that too..
I'll supply a Utilitie called CATEDIT to Edit the Catalogue - maybe two of
them. BETTER DOCUMENTS ABOUT THAT SOON!

The Commandline now has one more Command, well better i took one out to
make Space for another one.
Anyways its the '3' Command. Which will NOW show the UDLog like the 2
Command is showing the CallersLog...

==

1.168   Version 0.39d5:

Included a Flag in the ACP.STARTUP to have the KByte Display in the
Directory Listings optional.
Example:
Port* DIR_IN_KBYTE   ; Will show the Filesizes in the DirListing in
                        ; KiloByte Format
WITHOUT that it will show it as Bytes (Default)

Made the Stealth_Mode Optional.. to activate it put a

Port* STEALTH_MODE
into the ACP.STARTUP.

(Stealth Mode: Ask for System Password bEFORe showing the BBS Information
              like Name, Location etc.)

Speeded the CustomCommand Routine up a bit, before it was trying to delete
a File in t: which had the Name of the Door as the Filename (did that 4
Times in a Row) now its just checking if it really exists and if its there
THEN it will remove it.

 Included a small Option for the Users.
 on the "W" Command for User Settings it'll now be able to select from the
 following Options:

 1: ANSI - Either YES, NO or a PROMPT/ASK
 2: Quick Login: Depends if Disabled. if not YES/NO.

 BamBam pointed me to a small "Bug" where it displayed KiloBytes instead of
 Bytes in the Users Up/Download "Quick" Stats.

Another small Option for the Users.

They are now able to do a "Who" on other Ports right after logging in.
Might just be something for "0-1 Kool Rad Dudez" BUT who knows i always do it
personally on a MultiPort BBS. its like an Addicition :)

===

1.169   Version 0.39d4:

Modified the Mail Scan to be faster... at least show some Progress again.
Changed the OLM Function to use access() instead of fopen() to check if a
Port exists (Thanks for this Hint must go to Michael P. Bocker (Coder of
the BBS Program /T\empest!)).
Will start cleaning up the Code where Joe used the fopen command to see if a
File Exists... - might aswell speed some Things up.
Fixed a BUG (nasty) with the 'A' Command on a Iconified Port

===

1.170   Version 0.39d3:

The Dir Listing will now show the FileSize in KILO BYTES!
When Uploading a File it will show now the Amount of Free Upload Space in
MEGABYTES instead of KiloBytes!

===

1.171   Version 0.39d2:

Included 100% possibility to use a SYS.CMD Door for External FILE_ID.DIZ
(/X 3.xx-) Doors.

(Small Doc:
The Door Name in the SYS.CMD for this must be called EXAMINE
everything else would be like in the Documents for the FILEID Door.
*THIS HAS BEEN TESTED WITH BYTEANDI's FILE_ID DOOR ASWELL AS WITH
*THE NEW ONE FRO BOBO/MYSTIC! (which is pretty cool -NB)

e.g.: -in the SYS.CMD:
;-- Cut here..
EXAMINE   XM001Doors:FileId/FileId.xim
;-- Cut here..

End of Small Doc)

Removed a Bug in the Account Editor where setting a Maximum of 999999999
Minutes per Day would screw up the Account (the User would not be able to
logon to the BBS anymore (Exceeded Time Limit...))
together with that i fixed another small Problem which MIGHT have caused some
Trouble -> Up & Download CPS - limited the SYSOP possible Entry of 10(!!!)
Chars/Numbers to 4... i dont think anyone would have 9999999999 CPS. maybe

in FUTURE but that'll take a Looong Time.)

Currently i am re-designing the ZModem Upload Window to look smaller and
be more compact... maybe (MAYBE) install a Progress Indicator, but not sure
yet.

Remark: This Revision.doc is by far not complete but it gives the most Info
        on what i have done in the Meantime. All SMALL Things are left out.

==

1.172   Version 0.39d1:

Repaired File_id.diz Support (CR/LF Stripping, missing of first Line if PC
Ansi etc.)
Re-Debugged the Upload Function to give Extra Time for Uploads (regarding
to the Amount of Time the User was uploading)

==
Versions 0.39 to 0.39c:
=======================

Slightly starting to begin to code again :)

Improved/Speeded up the AEPutStr Routine for display of internal Texts.
Should "Kick some Butt" now...

Included some kind of STEALTH_MODE (/X like...)
Its always on since i think that if someone uses a System Password it should
use the Stealth Mode too.... but not sure yet... will leave it like it is
until someone is moaning hehe...
Clear Talking: It'll display the PRIVATE.TXT *BEFORE* asking for ANSI or
Displaying the BBS Name...

Updated most of the Stuff to be like the last 0.38c Version.. e.g.: OLM
"!" Command etc.

Got Sources from 2-Cool on how to use the encrypted Passwords...
implemented but not activated yet.. have to recode a few Things before.

New Source on how to speed out Text/Serial Output - not implemented yet.

Sped up the Serial/Local Text output once again...
Improved the Chat Mode by removing silly "goto" Commands and
also sped up the used Function to print out the Text...
Modified it to at least Look like the old 0.38 Version.
Startingto include the new /X 3.x Encrypted Passwords to give some
Compability (means also we're working on Unlimited Conferences)
Cleaned up a lot of Code... especially those with Serial Output.

Remark: At the Moment i am more cocentrating on Improving/Debugging and
        Speeding up of the whole Program.
        I'll start to add Things as soon as i can make sure that everything

is working fine (especially on 040's)

==

1.173   Version 0.37 -> 0.38 (Still GAMMA)

Added STATUS as Module! - NO MORE INT.CMD or SYS.CMD!

Name of File in BBS:SYSTEM Directory: STATUS (MUST be XIM)

Finally Fixed the File_ID.DIZ 100%ly
Added internal Removal of CTRL & M's (PC Return Codes)
Better Output done if File_Id.Diz is found (hope so)
Trying to fix the DT_ANSI Flag for Doors using it.

Added new Module: DESCRIPTOR
Will be used to Replace Internal File Description "Editor"
As long as i didnt provide one (or someone else does :)) it will use the
normal (old) File Description Editor.

(for Programmers: The Filename & Path will be given as BB_MAINLINE
 Retrieving this will show like BBS:Port1/WORK/FILE.DMS for the BB_MAINLINE)

Last Time i also forgot how to use the FILEID Sys.Cmd Door.
If anyone is interested in doing one for /X or S-X:

BB_MAINLINE will show up like this : FILEID FILE.DMS

Extracted File_ID.Diz's should go as FILE.DMS into the BBS:Port<x>/WORK/ Dir

Added the Possibility for the User to enter a OneLiner for the FileDescriptions
if he is using th "F" Option at the Upload Prompt - Also it will ask if it
should "Hangup after Transfer" or not.

Trying to fix the Problem with File_id.Diz's having a Return in the FIRST Line
(normally it would give a BLANK Description - hope its fixed now!)

SYS.cMD PAGER back in (to replace Operator Page over Sys.cmd)
Removed Internal System Command PAGER (from the BBS:SYSTEMS dir) Temporary!

Speeded up the Express by removing this Annoying (and unnecessary) Locking
and opening of the TZ Variable in the Enviromental Directory (ENV:)
A big Thanks must go to Joker/ZZC and Lynxx&Foxx/ZZC for the Hint and their
Ami-Express Patcher - everyone on a 68000 should notice the Speed Increase
previously the Express was trying to open the ENV:TZ *FOUR* Times if a Key
was pressed. Now nevermore.

Included a 5 Seconds Time Limit for the File_ID.Diz Questions.
If they are not answered within those 5 Seconds the default will be used.
(as if the User did Press RETURN/CR)

Finally compiled the ACP - So from now you can expect a few Updates of the
Server aswell as for the Main Program. - S-Express is now complete :)

First new Feature/Bug Fix: Using the new Acp the BBS will DeQuieten the Port

if a User used the "Q" to quiet the Port while being offline. This was VERY
necessary. - More to come soon!

==

1.174   Version 0.36 GAMMA -> 0.37 GAMMA

Changed the Way to have external Modules:

FIRST these Two Modules so far HAVE to be XIM's:

New File Scan and Zippy Search

NO MORE NEED FOR THE INT.CMD FOR THOSE TWO! instead make a Directory called
BBS:SYSTEM and place these Files in there:

For the NewFile Scan:
            Put the Door (XIM) in there with the Filename "NEWFILES"
For the ZippySearch:
            Put the Door (XIM) in there with the Filename "ZIPPY"

More comming soon. - This Gives an incredible (haha) Speed Increase!

==

1.175   Version 0.35 -> 0.36:

Began to modify S-Express to have everything external.
Currently the following Functions are external ONLY:

New File Scan
Zippy Search
User Status

Those Commands arent recoded yet - I'm using these PUBLIC Released /X Tools
Newfiles 2.1 by ByteAndi/MST
TurboZippy by Mack Lifeguard
Stats 1.0 by myself *hehe*

How to use them:
Create a File called
BBS:Commands/INT.CMD
Place in there the Followin Door Names
N <- for New File Scan
Z <- for Zippy Search
S <- for the Userstats

The REST is equal to any normal BBS.CMD, SYS.CMD or Conf<x>.cmd

e.g.:
/- Cut here -\
Z   XM001Doors:TurboZippy/TurboZippy

```
/- Cut here -\
```

Changed the Account Editor once again - Removed the last ANSI Sequences which
werent interpreted Correctly by IBM Users.

Modified the OLM to have 2 Lines instead of 1.
Also the LOOK of it is a bit "improved"

Totally removed the New File Scan, Zippy Search AND Status Display out of the
Express Main Program - they MUST be external now. - More to come in this Way.

Fixed a Problem with the Logoff Batches - it didnt pass the Port NUMBER by.

 Now you can have an external FILE_ID.DIZ Extracting Door...
 Sys.Cmd Name is "FILEID".

===

1.176   Version 0.34 -> 0.35:

Fixed the Problem with New Conference being built over old ones or the
MsgHeader Crashed... like you had to delete the Headerfile.
Problem: People didnt get a MailScan and due this they didnt receive the
         new Mail. - THIS IS FIXED!

Changed Sent by again.

Changed the Program so it displays the Upload Stats to every User with
Access Level of 250 and higher...
Also if the Sysop logs on it will ASK if he should delete the SysopStats,
might be useful for Sysops trying to keep a SMALL Log of Uploads.
**** NOTE: Removed that already again - some Sysops got annoyed :) ****

Fixed the CPS Display in the Stats and everywhere else...
If they were above 6000 they would have been ZEROED... not good if you have
got ISDN - 6000 is the less you have then hehe..

Changed the Account Editor to be able to change the ComputerType aswell.

Changed the Account Editors Design and Look. (making Space)

New SYS.CMD's:

STATUS - Replacement for the Status Display. will be executed right after
         the User logged in (at the Place of the old Status Display!)
PAGER - Replacement for the "O"perator Page Command.

Also NOW you can have a Script File without the Baudrate behind.
That one will be used if the Script<Baudrate> is not found.
e.g.: If a User calls and Connects at 14400 Bps S-Express would search for
      BBS:Port<x>/Script14400 - if not found it would search for
      BBS:BBSTEXTS/Script14400
Now if those two arent found it will aswell look for:

```
either BBS:Port<x>/Script or
       BBS:BBSTEXTS/Script
```

Should be easier for Dudes having New Modems with more ConnectStrings.
(No more Script9600, Script12000, Script14400, Script64000 (ISDN) just
 Script)

==

1.177   Version 0.33 -> 0.34:

Fixed a little Problem with the PHONECHECK.
You werent able to have it in the BBSTEXTS Dir as i said/wrote in the
Revision.doc some Lines ago. - This is fixed now.

MCI Commands have been put BACK into the MsgBase. Users can now use them aswell
JUST that its NOT possible to start SYS.CMD Doors AND show Text/Binary Files
using the ~SS_Path+Filename| MCI Command. - This should prevent Hack Trys.
(On a Suggestion by Doc :))

FILE_ID.DIZ - One Liner Adding fixed. Being one stupid Thing i changed while
              trying to get the File_Id.Diz working together with Carrier Lost
              Files.

Changed the new Sent-by: Once again. Now its showing it up like this:

```
BIMPRO31.ZIP P 126879  01-06-94  BImodem PRO (PAMPA)  V3.1  [1/1]
                                 A new full BImodem.com-compatible protocol.
[Port 0]       [1535] [15:25:00] Sent by: SiGMA SEVEN!
```

Just to make sure its compatible with a few Tools (e.g. Newfiles by ByteAndi
or DirStyle by THE BiRD) - Didnt check the Compability yet but should work.

Fixed the Logoff.txt Bug - Sorry i just forgot to add a Check for the Logoff
Text in the BBSTEXTS Directory... Fixed now and working aswell...
(Means from now you can REALLY put your Logoff.txt<.gr> into the BBS:BBSTEXTS
Directory.

NEW MCI COMMAND:

The Command is called: ~SZ_Path+Filename
With this Command you can do a ZModem Send (Download) of the File specified
behind the Mci Command... - Doesnt work in the MsgBase for Security Reasons!
Will think about a Method to get it working with Private Messages (at least)

==

1.178   Version 0.32 -> 0.33

New Sys.Cmd Command available for Doors: FILEPROC
This one is for a soon comming Utility either by me or BiG BOSS!... WILL

ONLY WORK ON S-EXPRESS... Until they maybe install it in /X :)... its to
detect Loss Carrier Files which are older than XX Days... it'll prompt
the User to enter a Description for that File if he knows it... You can
take a look at it on my BBS...

File_id.Diz News:
Finally got it to work that its using the File_id.diz (if available) on
Loose of Carrier... You could now aswell enter the Description BEFORE
uploading and just drop carrier after being ready uploading it will be
checked and posted... I DIDNT TEST THAT YET, but should work!

Sent by:-Replacement Changed.. Will display the UPLOAD Time now aswell
(Yo! This is for Giants :)) - Also its a bit more ordered now...

"$" Rescan won't rescan the Conference where its been started out twice
anymore...

If someone is QUIETENING(sp) a Port it will still show up in the WHO Command
JUST that it wont display either NAME or LOCATION...

Also it will display if the Port is Inactive (Shutdown)

==

1.179   Version 0.30 -> 0.32

A few Bug Fixes... canot remember them all...

File_Id.Diz Routine improved a bit... Still someone had Problems with it..
(Fixed?)

Option implemented so the User can choose a "Always use Id.Diz" Option for
Uploading...

New Users arent able to do a WHO or a OLM anymore... been possible before..

==

1.180   Version 0.29 -> 0.30

You now have the possibility to have a nice "Thanks for Upload" Message to be
displayed after a Successfull Upload.. the File is called
UploadThx.txt<.gr>
and can be either in the BBS:BBSTEXTS or in the Conference Dir.

S-Express will first look into the Conference Dir for the File and if not found
it will look into the BBS:BBSTEXTS Dir...

==

1.181   Version 0.28 -> 0.29

A few Cosmetical Changes – nothing worth mentioning.

==

1.182   Version 0.26 -> 0.27:

Reduced the File Size (and Speed) a bit by replacing the Prompts for Upload
Descriptions. ReDesigned the Prompt for Uploads... Hopefully looks better now
HOPEFULLY!
The Problem was that the Prompt for the Description (Enter it blablabla)
was like X-Times in the Express.. Duplicated... so its now in one single Place
and can be called by Express... just TechInfo hehe...

New COMMAND in the MESSAGEBase : "T" UnTouch a Message. Good for Guy with
shared Accounts/Double Accounts... Press T when you have read a Message
directed to your Account-Partner... It will be displayed again the Time you
logon again, or your Partner logs on again.

==

1.183   Version 0.25 -> 0.26:

Included new Commandline Option: OL – OLM to a Port
This OLM will even send a Message to the other Port if the User is Up or
Downloading, Using a Door or is reading a Message. If it is that Case
it will send the Message AFTER he is finished with whatever he is just
doing.

Also I included a Little FrontStatus. (Will ONLY be displayed if there
is NO FrontEnd Door available...) – I will include either a ACP.STARTUP
Option or some other Kind of Configuration Switch to disable it.

Still trying to fix a Problem that Actraiser told me about:
If User selected Goodbye in the Uploading Stuff and did enter One
Description wrong (or lets say made an Error with the Filename)
the File vanished... and all of the others BEHIND that one too...
Will try to fix that but first i will have to SEE it aswell...

==

1.184   Version 0.24 & 0.25:

Changed the 'S' Command to have a different Look.
Installed "SS" Command to have the old Stats Display as Option.

BugFixed the Account Editor Time_Limit... You still had to enter the
Time in Seconds to get to Minutes. – FiXED!

Changed the Messagebase to always Prompt YES as Default for Quotings.
(But still you cannot just press RETURN for ALL (Quoting Lines))

Fixed a little Bug with File_id.Diz -(Stripping Last Return)-

===

1.185   Version 0.19

Debugged File_id.Diz Stuff

===

1.186   Version 0.18

Included a SYS.CMD Door Option called DUPECHECK
Since it might be possible that your Duplicate Checking Door isnt supporting
Multi Door Stuff or whatever in that Direction you can place a Door in this
Place.
Name 'DUPECHECK' - If this Door returns a FAILED_TEST (like normal
Filecheck Doors do if the Test was NOT successfull.) it will skip the rest
and move the File to the HOLD.

1.187   0.18 -> ....

Some new Files have been added... I am trying to centralize the Files
Stuff... Why having a Million Time the Same TextFiles in different
Port Directories (etc.) if we could have em all just once in ONE Single
Directory... Also it would be hell easier to install a new Port with that
since you wouldnt have to care for other Files anymore...

The Following says where the Files could go to... the Marks in <> Brackets
are like: <lvl> here COULD be the UserLEvel.. e.g. Bull255.txt would be
Bull<lvl>.txt (and tjhe <.gr> tells you that this File could also be a
Option for Bull<lvl>.txt<.gr> -> Bull255.txt.gr (with ANSI) but you should
already know that..

***Note: S-Express will first search for the Files in the ordinary
         Directory. If not found it will search these New Ones.

Directory: BBS:BBSTexts

JoinConf<lvl>.txt<.gr> <- Replacement for the same File in Port<x>
Menu<lvl>.txt<.gr>   <- Replacement for the same File in Conf Dirs
Logon24hrs.txt<.gr>   <- Replacement for the same File in Port<x>
Bull<lvl>.txt<.gr>   <- Replacement for the Port<x>/Bull<lvl>.txt<.gr>
GuestLogon.txt<.gr>   <- Replacement for the same File in Port<x>
Private.txt<.gr>   <- Replacement for the same File in Port<x>

```
NewUserPW.txt<.gr>      <- Replacement for the same File in Port<x>
Lockout-0.txt<.gr>      <- Replacement for the Port<x>/Lockout-0.txt<.gr>
Lockout-1.txt<.gr>      <- Dto. with Level 1
Lockout-2.txt<.gr>      <- Dto. with Level 2 <- NEW!
OnlyOnOnePorttxt<.gr>   <- Replacement for same File in Port<x> Dirs
Logon<lvl>.txt<.gr>     <- Dto.
StartChat<lvl>.txt<.gr> <- Replacement for same File in Port<x> Dirs
EndChat<lvl>.txt<.gr>   <- Replacement for same File in Port<x> Dirs
NamesNotAllowed          <- Replacement for same File in Port<x> Dirs
Join.txt<.gr>
Joined.txt<.gr>
Script<BpsRate>
BBSHELP.TXT<.Lvl>       <- The one from the BBS Dir
NoNewAt<Baud>
NoNewUsers
PhoneCheck              <- This is the only Text that should only go to
                           the BBS:BBSTexts Directory.
                           Only needed if you want to activate the
                           Check for the last FOUR Digits as a 2nd
                           Password.


Directory: BBS:Bulletins
------------------------

BullHelp.txt<.gr>       <- Replacement for Conference BulletinsHelpFile
Bull<#>.txt<.gr>        <- Replacement for Conference Bulletins


The Files are optional! if they arent there S-Express will use the old Ones


Update:

S-Express supports now 'N T U' Commands for NewScans

Changed it to ALWAYS Send a 'ATE0' to the Modem to prevent those Strange
Connect -> Drop DTR Things which COULD happen if set to ATE1

Changed the Look of the Who Door (internal)

Its possible now to do a "1 <User Name>" to enter the Account Editing
straight away. Also we broke the 190,000 Bytes Barrier. hehe

================================================================================
```

1.188   0.17

Include Idiot Protection for FILE_ID.DIZ Support.

1.189   0.16

```
Included FILE_ID.DIZ Support.
called 'BBS:DizExtract' in there you can/should have File like
'BBS:DizExtract/LHA' for LHA Files
'BBS:DizExtract/LZH' for LZH Files...

The Format of the DizExtract-Files is as follows:

1st Line: Name & Path to Archive Extract Program
2nd Line: Extract Option (e.g.: 'X' for LHA)
          IF *NONE* place a SPACE there. (Like with the FCheck Stuff!)
3rd Line: Place some String in here - doesnt matter... will remove that soon.
```

==

1.190 0.1 -> 0.15 : Some Slight (?) Cosmetical Changes.

1.191 Greetings & Credits

```
Credits to People who deserve it:

A Big Thank you must go out to the following Guys:

Doc    - For all the Hassles, Designs, Ideas and Information he has
         given me.
Picard - For all the Shit he's gone thru while BETA Testing it on his 040.
Elvin  - For the same Shit he's gone thru while BETA Testing it on his 040
         and ISDN, and now also on his 060 Card...

Joker/ZZC : Here you've got your Greetings :) For all of these nice Chats
            at Work and the ermm.. yeah whatever... HELLO!

Michael P. Bockert: For all those neaty Tips'n'Tricks he told me about.
                    Especially about the Hydra Protocol.

2-Cool - For the Idea on the User Preferenced ANSI Default and for the
         Routine to decrypt /X 3.x Passwords.
          AND of course the BIG BUNCH of Help with HYDRA and this LOCALE
         STUFF

Curtis Botherton - well for everything... whatever it was :))

Big Boss - For giving me the Source Code of his LCFile Processor.

Noisy Belch - for the Hassles and Designs he made for the new upcoming
              ACP.

Dagobah    - For the Help with the Hydra Stuff.

and all of my Beta Testers that have helped me so much. Just cannot
remember everyone right now.

              -**   This Program is dedicated to Carina!  **-
```

1.192 Technical Informations and Stuff
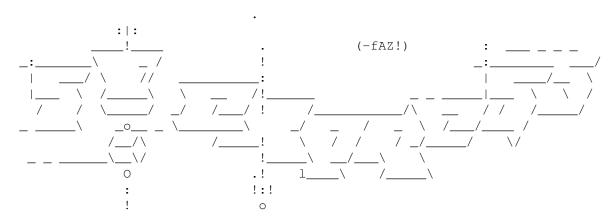
Compiler used for S-Express: SAS/C Version 6.5x

Parts generated with   : FlexCat Version ?.??
                              GenAm Assembler from DevPac Assembly Package

Started to program on this Way back around 1993 after the Public Release
of the AmiExpress Source Codes. Basically ment to be a Joke and used for
Personal Improvements in Programming the "C" Language it resulted in a far
Bigger Project than i first would have thought of.

1.193 REVISION.DOC

```
                          .
          :|:
        ____!____               .        (-fAZ!)          :   ___ _ _ _
  _:_____\     _ /                !                         _:_____  ___/
   |   ___/ \    //   _____:                              |   ____/__  \
   |___   \  /_____\   \    _   /!_____            _ _ _____|___  \   \  /
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 _ _____\   _o__ _ _____\    _/   _   /   _  \ /___/____ /
        /__/\       /_____!     \  /  /   / _/____/    \/
   _ _ _____\/            !_____\  __/___\    \
        O                .!     l____\   /_____\
        :               !:!
        !                o
```

           Additional Informations for SigmaExpress
    Enhancements, Versions, Updates, Bugs :(, Bug Fixes :), Improvements, etc.

           Technical Informations

           Greetings & Credits

           Small Additional Info: (to 0.39o Series)

           ACP Version 0.3 (04-12-95)

           ACP Version 0.3a (04-18-96)

           Version 0.4   (XX-XX-96)

           Version 0.39z9 (08-26-96)

           Version 0.39z8 (08-21-96)

           Version 0.39z7 (08-12-96)

           Version 0.39z6 (08-07-96)

           Version 0.39z5 (07-21-96)

```
Version 0.39z4 (07-18-96)

Version 0.39z3 (07-16-96)

Version 0.39z2 (07-14-96)

Version 0.39z1 (07-12-96)

Version 0.39z  (07-11-96)

Version 0.39x9 (06-25-96)

Version 0.39y9 (07-10-96)

Version 0.39x8 (06-25-96)

Version 0.39y8 (07-08-96)

Version 0.39x7 (04-27-96)

Version 0.39y7 (07-07-96)

Version 0.39x6 (04-26-96)

Version 0.39y6 (07-07-96)

Version 0.39x5 (04-25-96)

Version 0.39y5 (07-06-96)

Version 0.39x4 (04-24-96)

Version 0.39y4 (07-04-96)

Version 0.39x3 (04-21-96)

Version 0.39y3 (07-02-96)

Version 0.39x2 (04-20-96)

Version 0.39y2 (06-28-96)

Version 0.39x1 (04-19-96)

Version 0.39y1 (06-27-96)

Version 0.39x  (04-18-96)

Version 0.39y  (06-27-96)

Version 0.39w9 (04-15-96)

Version 0.39v9 (04-01-96)

Version 0.39w8 (04-12-96)
```

```
Version 0.39v8 (03-31-96)

Version 0.39w7 (04-11-96)

Version 0.39v7 (03-30-96)

Version 0.39w6 (04-10-96)

Version 0.39v6 (03-28-96)

Version 0.39w5 (04-08-96)

Version 0.39v5 (03-28-96)

Version 0.39w4 (04-05-96)

Version 0.39v4 (03-26-96)

Version 0.39w3 (04-04-96)

Version 0.39v3 (03-18-96)

Version 0.39w2 (04-04-96)

Version 0.39v2 (03-18-96)

Version 0.39w1 (04-04-96)

Version 0.39v1 (03-05-96)

Version 0.39w  (04-02-96)

Version 0.39v  (03-01-96)

Version 0.39u9 (02-28-96)

Version 0.39t9 (01-24-96)

Version 0.39u8 (02-28-96)

Version 0.39t8 (01-22-96)

Version 0.39u7 (02-23-96)

Version 0.39t7 (01-16-96)

Version 0.39u6 (02-22-96)

Version 0.39t6 (01-15-96)

Version 0.39u5 (02-21-96)

Version 0.39t5 (01-15-96)

Version 0.39u4 (02-20-96)

Version 0.39t4 (01-14-96)
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Version 0.39u3 (02-15-96)

Version 0.39t3 (01-14-96)

Version 0.39u2 (02-13-96)

Version 0.39t2 (01-07-96)

Version 0.39u1 (02-04-96)

Version 0.39t1 (12-22-95)

Version 0.39u  (02-01-96)

Version 0.39t  (11-23-95)

Version 0.39s91 (11-23-95)

Version 0.39s9 (11-14-95)

Version 0.39r9 (09-19-95)

Version 0.39s8 (11-13-95)

Version 0.39r8 (09-18-95)

Version 0.39s7 (11-08-95)

Version 0.39r7 (09-10-95)

Version 0.39s6 (10-24-95)

Version 0.39r6 (09-08-95)

Version 0.39s5 (10-24-95)

Version 0.39r5 (09-07-95)

Version 0.39s4 (10-21-95)

Version 0.39r4 (08-27-95)

Version 0.39s3 (10-20-95)

Version 0.39r3 (08-24-95)

Version 0.39s2 (10-19-95)

Version 0.39r2 (08-20-95)

Version 0.39s1 (09-21-95)

Version 0.39r1 (08-06-95)

Version 0.39s  (09-19-95)
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Version 0.39r  (08-05-95)

Version 0.39q9 (08-02-95)

Version 0.39p9 (06-05-95)

Version 0.39q8 (07-31-95)

Version 0.39p8 (06-05-95)

Version 0.39q7 (07-??-95)

Version 0.39p7 (05-29-95)

Version 0.39q6 (07-??-95)

Version 0.39p6 (05-22-95)

Version 0.39q5 (07-??-95)

Version 0.39p5 (05-18-95)

Version 0.39q4 (07-07-95)

Version 0.39p4 (05-04-95)

Version 0.39q3 (07-06-95)

Version 0.39p3 (04-30-95)

Version 0.39q2 (06-23-95)

Version 0.39p2 (04-24-95)

Version 0.39q1 (06-23-95)

Version 0.39p1 (04-18-95)

Version 0.39q  (06-22-95)

Version 0.39p  (04-17-95)

Version 0.39o9 (04-17-95)

Version 0.39n9 (03-03-95)

Version 0.39o8 (04-15-95)

Version 0.39n8 (03-01-95)

Version 0.39o7 (04-12-95)

Version 0.39n7 (03-01-95)

Version 0.39o6 (04-09-95)

Version 0.39n6 (02-28-95)
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Version 0.39o5 (04-07-95)

Version 0.39n5 (02-22-95)

Version 0.39o4 (03-28-95)

Version 0.39n4 (02-20-95)

Version 0.39o3 (03-27-95)

Version 0.39n3 (02-08-95)

Version 0.39o2 (03-22-95)

Version 0.39n2 (02-01-95)

Version 0.39o1 (03-??-95)

Version 0.39n1 (01-30-95)

Version 0.39o  (03=11-95)

Version 0.39n (01-29-95)

Version 0.39m9 (01-29-95)

Version 0.39l9 (01-24-95)

Version 0.39m8 (01-29-95)

Version 0.39l8 (01-23/24-95)

Version 0.39m7 (01-29-95)

Version 0.39l7 (01-23-95)

Version 0.39m6 (01-28/29-95)

Version 0.39l6 (01-22-95)

Version 0.39m5 (01-26-95)

Version 0.39l5 (01-22-95)

Version 0.39m4 (01-26-95)

Version 0.39l4 (01-22-95)

Version 0.39m3 (01-25-95)

Version 0.39l3 (01-22-95)

Version 0.39m2 (01-25-95)

Version 0.39l2 (01-18-95)
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Version 0.39m1 (01-25-95)

Version 0.39l1 (01-17-95)

Version 0.39m (01-24/25-95)

Version 0.39l: (01-15-95)

Version 0.39d9:

Version 0.39k: (01-13-95)

Version 0.39d8:

Version 0.39j:

Version 0.39d7:

Version 0.39i:

Version 0.39d6:

Version 0.39h:

Version 0.39d5:

Version 0.39g:

Version 0.39d4:

Version 0.39f:

Version 0.39d3:

Version 0.39e:

Version 0.39d2:

Version 0.39d1:

Version 0.37 -> 0.38 (Still GAMMA)

Version 0.36 GAMMA -> 0.37 GAMMA

Version 0.35 -> 0.36:

Version 0.34 -> 0.35:

Version 0.33 -> 0.34:

Version 0.32 -> 0.33

Version 0.30 -> 0.32

Version 0.29 -> 0.30

Version 0.28 -> 0.29
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Version 0.26 -> 0.27:

Version 0.25 -> 0.26:

Version 0.24 & 0.25:

Version 0.19         : Debugged File_id.Diz Stuff

Version 0.18            : Included a SYS.CMD Door Option called  ←
    DUPECHECK

Version 0.18 -> ....

Version 0.17            : Include Idiot Protection for FILE_ID. ←
    DIZ Support.

Version 0.16         : Included FILE_ID.DIZ Support.

Version 0.1 -> 0.15 : Some Slight (?) Cosmetical Changes.
```