REVISION.DOC

COLLABORATORS			
	TITLE : REVISION.DOC		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		March 28, 2025	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

REVISION.DOC

1.1 REVISION.DOC

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              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)

 Version 0.39v1 (03-05-96)
 Version 0.39v  (03-01-96)

 Version 0.39u9 (02-28-96)
 Version 0.39u8 (02-28-96)
 Version 0.39u7 (02-23-96)
 Version 0.39u6 (02-22-96)
 Version 0.39u5 (02-21-96)
 Version 0.39u4 (02-20-96)
 Version 0.39u3 (02-15-96)
 Version 0.39u2 (02-13-96)
 Version 0.39u1 (02-04-96)
 Version 0.39u  (02-01-96)

 Version 0.39t9 (01-24-96)
```

```
Version 0.39t8 (01-22-96)
Version 0.39t7 (01-16-96)
Version 0.39t6 (01-15-96)
Version 0.39t5 (01-15-96)
Version 0.39t4 (01-14-96)
Version 0.39t3 (01-14-96)
Version 0.39t2 (01-07-96)
Version 0.39t1 (12-22-95)
Version 0.39t  (11-23-95)

Version 0.39s91 (11-23-95)
Version 0.39s9 (11-14-95)
Version 0.39s8 (11-13-95)
Version 0.39s7 (11-08-95)
Version 0.39s6 (10-24-95)
Version 0.39s5 (10-24-95)
Version 0.39s4 (10-21-95)
Version 0.39s3 (10-20-95)
Version 0.39s2 (10-19-95)
Version 0.39s1 (09-21-95)
Version 0.39s  (09-19-95)

Version 0.39r9 (09-19-95)
Version 0.39r8 (09-18-95)
Version 0.39r7 (09-10-95)
Version 0.39r6 (09-08-95)
Version 0.39r5 (09-07-95)
Version 0.39r4 (08-27-95)
Version 0.39r3 (08-24-95)
Version 0.39r2 (08-20-95)
Version 0.39r1 (08-06-95)
Version 0.39r  (08-05-95)

Version 0.39q9 (08-02-95)
Version 0.39q8 (07-31-95)
Version 0.39q7 (07-??-95)
Version 0.39q6 (07-??-95)
Version 0.39q5 (07-??-95)
Version 0.39q4 (07-07-95)
Version 0.39q3 (07-06-95)
Version 0.39q2 (06-23-95)
Version 0.39q1 (06-23-95)
Version 0.39q  (06-22-95)
Version 0.39p9 (06-05-95)
Version 0.39p8 (06-05-95)
Version 0.39p7 (05-29-95)
Version 0.39p6 (05-22-95)
Version 0.39p5 (05-18-95)
Version 0.39p4 (05-04-95)
Version 0.39p3 (04-30-95)
Version 0.39p2 (04-24-95)
Version 0.39p1 (04-18-95)
Version 0.39p  (04-17-95)

Version 0.39o9 (04-17-95)
Version 0.39o8 (04-15-95)
Version 0.39o7 (04-12-95)
```
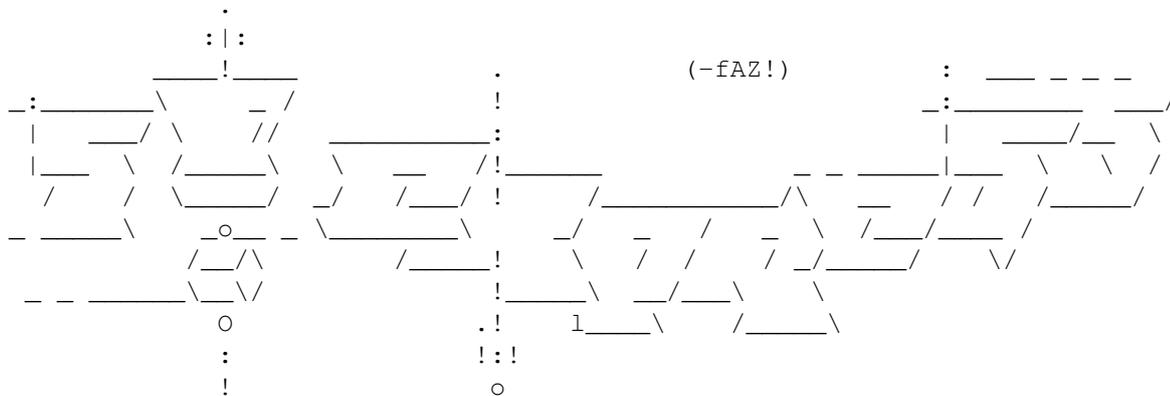
```
Version 0.39o6 (04-09-95)
Version 0.39o5 (04-07-95)
Version 0.39o4 (03-28-95)
Version 0.39o3 (03-27-95)
Version 0.39o2 (03-22-95)
Version 0.39o1 (03-??-95)
Version 0.39o  (03=11-95)


Version 0.39n9 (03-03-95)
Version 0.39n8 (03-01-95)
Version 0.39n7 (03-01-95)
Version 0.39n6 (02-28-95)
Version 0.39n5 (02-22-95)
Version 0.39n4 (02-20-95)
Version 0.39n3 (02-08-95)
Version 0.39n2 (02-01-95)
Version 0.39n1 (01-30-95)
Version 0.39n (01-29-95)


Version 0.39m9 & ACP Version 0.3 (01-29-95)
Version 0.39m8 (01-29-95)
Version 0.39m7 (01-29-95)
Version 0.39m6 (01-28/29-95)
Version 0.39m5 (01-26-95)
Version 0.39m4 (01-26-95)
Version 0.39m3 (01-25-95)
Version 0.39m2 (01-25-95)
Version 0.39m1 (01-25-95)
Version 0.39m (01-24/25-95)


Version 0.39l9 (01-24-95)
Version 0.39l8 (01-23/24-95)
Version 0.39l7 (01-23-95)
Version 0.39l6 (01-22-95)
Version 0.39l5 (01-22-95)
Version 0.39l4 (01-22-95)
Version 0.39l3 (01-22-95)
Version 0.39l2 (01-18-95)
Version 0.39l1 (01-17-95)
Version 0.39l: (01-15-95)


Version 0.39k: (01-13-95)


Version 0.39j:


Version 0.39i:


Version 0.39h:


Version 0.39g:


Version 0.39f:


Version 0.39e:


Version 0.39d9:
Version 0.39d8:
```

```
Version 0.39d7:
Version 0.39d6:
Version 0.39d5:
Version 0.39d4:
Version 0.39d3:
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
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.
```

1.2   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!

1.3   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...

1.4   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.

1.5   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))

1.6   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)

1.7   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.

1.8   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

1.9   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!!)

1.10   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.

1.11   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?)

1.12 Version 0.39u1 (02-04-96)

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

1.13 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!

1.14   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)

1.15   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.

1.16   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.

1.17   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!

1.18   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.

1.19   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!

1.20   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.

1.21   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!

1.22   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 :)

1.23   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!

1.24   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.

1.25   Version 0.39s9 (11-14-95)

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

1.26   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!

1.27   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
```

1.28   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.
```

1.29   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!
```

1.30   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!
```

1.31   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))
```

1.32   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!
```

1.33   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.

1.34   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.

1.35   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 :)...

1.36   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)

1.37   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...

1.38   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.

1.39   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.

1.40   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 :)

1.41   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)

1.42   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.

1.43   Version 0.39r1 (08-06-95)

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

1.44   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!

1.45   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....

1.46   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.

1.47   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

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

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

1.49   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.
```

1.50   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!

1.51   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...

1.52   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...

1.53   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...

1.54   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...

1.55   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...

1.56   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!

1.57   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)
```

1.58   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
```

1.59   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...
```

1.60   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...

1.61   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...

1.62   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!

1.63   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 :))

1.64   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!
};
```

1.65   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 :)..

1.66   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!

1.67   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 :)...

1.68   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".

1.69   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 :)

1.70   *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)

1.71   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

1.72   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 :)

1.73   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.

1.74   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..

1.75 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..)

1.76 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.

1.77 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.

1.78   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 / Effiency after the Transfers
has been finished. Should fix the Problem with S!X showing [LOSS] in the
Sent By: String.

1.79   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!

1.80   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.

1.81   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!

1.82   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).

1.83   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.

1.84   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.

1.85   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.

1.86   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!

1.87   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".

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

1.88   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.

1.89   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).

1.90   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.

1.91   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.

1.92   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:

                        1234567890123456789012345

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

1.93   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

1.94   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.

1.95   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

1.96   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.

1.97   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.

1.98   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.
```

1.99   Version 0.39I8 (01-23/24-95)

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

1.100   Version 0.39I7 (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.
```

1.101   Version 0.39I6 (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.
```

1.102   Version 0.39I5 (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.
```

1.103   Version 0.39I4 (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-
```

1.104   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)
```

1.105   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.
```

1.106   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)
```

1.107   Version 0.39I: (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

1.108   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. :)

1.109   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 :))

==

1.110   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?

==

1.111   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)

==

1.112   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.

===

1.113   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.

===

1.114   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)

==

1.115   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.

==

1.116   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!

==

1.117   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


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

1.118   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...
```

==

1.119   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 :)

==

1.120   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

==

1.121   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!
```

===

1.122   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.
```

===

1.123   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)

==
```

## 1.124   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!

===============================================================================

## 1.125   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!

===============================================================================

## 1.126   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".

===============================================================================

## 1.127   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)

================================================================================


## 1.128   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)


================================================================================


## 1.129   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)

================================================================================

## 1.130   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..

================================================================================

## 1.131   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...

================================================================================

## 1.132   Version 0.28 -> 0.29

A few Cosmetical Changes – nothing worth mentioning.

================================================================================

## 1.133   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.

================================================================================

## 1.134   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...

================================================================================

## 1.135   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)-

================================================================================

## 1.136   Version 0.19

Debugged File_id.Diz Stuff

================================================================================

## 1.137   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.

## 1.138   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

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

1.139   0.17

```
Include Idiot Protection for FILE_ID.DIZ Support.
```

1.140   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.

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

1.141   0.1 -> 0.15 : Some Slight (?) Cosmetical Changes.

1.142   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.

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! **-

1.143   Technical Informations and Stuff

This Text has been converted to AmigaGuide Format with
Text2Guide Version 03.10 by Stephan Suerken.

Compiler used for S-Express: SAS/C Version 6.55

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.