SlowBoot

Lee Kindness

COLLABORATORS			

	TITLE : SlowBoot		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY	Lee Kindness	August 24, 2022	

REVISION HISTORY			

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

SlowBoot

1.1   SlowBoot 1.23

```
                    _____            _____
  (  _____)          /  __  \
   \  \              /  /_/  )              SlowBoot version 1.23
    \  \ Z Z z  z  z/    ___/  z   z    z  Copyright ©1995-96 Lee Kindness
     \  \              /  __  \
   ____) \           /  /_/  )              A solution for slowbooting
  (_____) l o w (_____/ o o t            harddrives!!
```

```
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Compiled              Sunday 04 February 1996 17:52:25
Distribution built    Sunday 04 February 1996 18:37:46
Exe size              2344 bytes
```

Version   SlowBoot 1.23 (04/02/96)

1.2 Introduction

 The majority of large capacity 3.5" IDE drives take quite a while to
 spin upto speed. The problem is that the A600, A1200 and A4000 IDE interface
 does not wait for them. If the drive has not spun up within a certain time
 limit it is 'forgotten'. To use these drives you normally have to reboot
 again after a cold reboot. This is rather annoying to say the least. Also
 what if you wanted to turn on your Amiga via a timer switch so that you could
 collect email or backup your HD while you were asleep, you could not do it.
 SlowBoot offers a solution to this problem.

 Note that SlowBoot is not device dependant, it will work even with SCSI
 drives that are slow spinners (if such a problem exists...)

1.3 Installation

 If the slowbooting drive is your main, SYS: drive then double-clicking on
 the "Make_BootDisk" icon will use the CBM intaller to create a bootdisk.
 If you leave this disk in your drive when you boot it will automatically
 boot your HD without you having to reboot. Note that the boot disk can
 also be in CC0: the PCMCIA slot and not just a floppy.
 The install script is self-documented, select help on any stage for more
 information.

 However if the slowbooting drive is not your main drive then you should
 add the following line to your startup-sequence:

SlowBoot DH1: NOREASSIGN

 where DH1: can be any other device name. This line should be added after
 the Setpatch command. You may include more than one of these lines if
 you have more than one slowbooting drive. Note that you only put an entry
 for one partition on that drive and not one for each partition.

1.4 Advanced Usage

 The "Make_BootDisk" script will create a a bootdisk for your use. However
 not all options are catered for in it. You may want to change the following
 line that is in the created startup-sequence:

C:SlowBoot >NIL: ...

 SlowBoot accepts the following template:

DEVICE/A,WAIT/N/K,NOREASSIGN/S,CMD=COMMAND/K

 DEVICE -- The device name of the boot partition, normally this wiuld be

```
    DH0: but can be anything. Must be given.

 WAIT -- If the drive has not spun up then this is the delay (in
     seconds) which to wait before trying again. Defaults to 1 second.

 NOREASSIGN -- When the drive has spun up and is being recognised by the
     system the command will simply quit, it will not reassign the system
     assigns to that disk or execute the startup-sequence on it.

 COMMAND -- The command to execute when the drive has spun upto speed. By
     default this executes the startup-sequence on DEVICE, ie:

Execute <>CON:///-1/AmigaDOS/AUTO/NOCLOSE/SMART s:startup-sequence

     A usefult feature of this would be to change the name of the
     startup-sequence... this would give good protection against viri that
     latch onto the startup-sequence!!
```

1.5 Technical

```
              What doen SlowBoot really do? Well it first checks to see if
           DEVICE
            exists.
 If it exists then the drive has spun-up ok. If so it reassigns SYS:, C:, S:,
 ENVARC:, LIBS:, DEVS:, FONTS: and L: relative to
           DEVICE
            and executes

           COMMAND
            (ie execute the startup-sequence on
           DEVICE
           ). If
           DEVICE
            does not exist
 then the computer waits
           WAIT
            ticks and then reboots, giving the drive more
 time to spin-up.
```

1.6 Disclaimer, Distrubution and Copyright

```
Disclaimer
~~~~~~~~~~
I hereby reject any liability or responsibility for these or any
other consequences from the use of SlowBoot whatsoever. This includes,
but is not limited to, damage to your equipment, to your data,
personal injuries, financial loss or any other kinds of side effects.
Although SlowBoot has been tested thoroughly on several different
machines, I cannot rule out the possibility that SlowBoot:

    1. is somehow incompatible to your equipment
```

2. has bugs that show up on your equipment

3. does not do what it is supposed to do on your equipment

4. May damage you equipment

It is your responsibility to take any precautions necessary to
protect yourself from these or any other effects. I explicitly
reject any liability or responsibility from the consequences of you
using SlowBoot

Distribution
~~~~~~~~~~~~

SlowBoot may be freely distributed and copied, as long as the following
conditions are fulfilled:

1. All parts of the program and the documentation must be complete.
   The distribution of single parts or incomplete subsets of the
   original distribution is forbidden.

2. If SlowBoot is to be included in a commercial distribution (including
   magazines!) then I must be sent a copy of the product (or if it is a
   mag that I am subscribed to then an increase in subscription). It
   would be better if you contacted me beforehand to ensure you have the
   latest version. In any case full credit must be given within the
   magazine (ie mention my name).

3. If the included source code is used in another program then credit
   must be given in the documentation.

Note To Magazines
~~~~~~~~~~~~~~~~~~

In the past I have had some of my programs included on magazine coverdisks
without my permission when in the documentation it was stated that this
was required... I want my programs on coverdisks but you _MUST_ read and
fufil the "Distribution" section above. If you disagree then contact me
or write a message in the AMIGA_MAGS echo...

1.7 Contact

Means of contact, as of Sunday 04 February 1996

Mail:
  Lee Kindness
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  Portlethen Village
  Aberdeen AB1 4QR
  SCOTLAND

EMail:
  cs2lk@scms.rgu.ac.uk
  wangi@frost3.demon.co.uk
  wangi@spuddy.mew.co.uk

```
  wangi@fido.zetnet.co.uk
   :
   :
  Please use cs2lk@scms.rgu.ac.uk

Fidonet:
  2:250/366.34
  2:259/15.46
  2:259/26.20

Amiganet:
  39:138/40.34


I hope you find SlowBoot useful.

 The latest version of SlowBoot can always be found on:


      _____
     /_____)
    /(_____
   / _____  _____  )
  / /           / (_                 \/   +44-(0)1484-842341
 (__) r o s t  / ___) r e e
\             / /                    Fidonet --- 2:250/366
 \           \/  A m i g a  B B S    Amiganet -- 39:138/40
  \
   \-> Sysop Dave Naylor
    \-> Using Zeus BBS software!
     \-> The biggest UK Amiga BBS
      \-> Points welcome
       \-> Email!
        \-> 24 hours a day in sunny Yorkshire!

(Also try Chaos Engine, 2:259/15)



 SlowBoot will be in the WANGI file area or you can freq it using the
 magic filename SLOWBOOT.


---     __     ____    _
Wangi! / /    ( __) /|/ )  Lee Kindness Amiga PD/shareware author
 _____/ (_/\  __\ \  / _ (_____  cs2lk@scms.rgu.ac.uk
(_____) (_____) (__)_____) wangi@spuddy.mew.co.uk
```

1.8 History

```
 1.12  : 11.09.95
       - First release.

 1.14  : 07:10.95
       - DELAY now defaults to 50.

 1.16  : 07.10.95
       - DELAY was ignored in version 1.14, it works now.
```

        – DELAY (which was in 50ths of a second) has been replaced with
          WAIT (in seconds).

  1.17 :
        – The make bootdisk script did not format the disk if SYS:System was
          not in your path. Fixed.

  1.18 : 17.10.95
        – A lock was not being freed. After WB had booted and you removed the
          boot disk the icon would remain. Fixed.

  1.23 : 04.02.96
        – Added NOREASSIGN option.

1.9 Other Programs

List of programs by Lee Kindness. Note this is only the programs that i have
done, it is not everything i have uploaded to Aminet. The version numbers,
dates and archive sizes given below are, more than likely, out of date as
you read this...

```
FindXXX.lha          comm/fido    9K   5+Comprehensive Nodelist searching utility
FindXXXSrc.lha       comm/fido    9K   5+Source for nodelist searching utility
GFindXXX.lha         comm/fido    9K   5+Comprehensive (Gotcha) Nodelist searchin
GFindXXXSrc.lha      comm/fido    8K   5+Source for (Gotcha) nodelist searching u
GMulti.lha           comm/fido   17K   1+1.0 Gives multiline node support (for po
NLFind.lha           comm/fido   16K   1+1.4 Gives multiline node support (for po
SFPatch.lha          dev/c        8K   36+How to SetFunction()/Patch library funct
Umentiler.lha        dev/misc    28K   1+1.208 Document Compiler (plus SAS/C sour
Jiggler.lha          game/gag     9K   47 Windows move toward mouse pointer.
Acechan.lha          misc/math   11K   32+Makes random spread data??? Pascal sourc
DQua.lha             misc/math   13K   59+1.2 Simple quadratic solver.
MacCash.lha          misc/misc   15K   22+1.3 Gen. UK Lott. Forms. Also stat. Anal
RARS_Ami_2lite.lha   misc/sci    55K   41+RARS_Amiga for 020+ and no fpu
DefDTIcon.lha        pix/icon    41K   59+1.7 Default icons, based on files dataty
AmigaGuidePref.lha   text/hyper  19K   59+36.144 Preferences for Amigaguide system
RubbDump.lha         util/app   195K   52+V1.1 Replacement trashcan. With sound.
WanDiArc_lsk.lha     util/arc     3K   47 Archive support for WangiPad 1.15
NewEXT.lha           util/batch  10K   57+1.4 Change file extensions.. in batches.
CaBoom.lha           util/boot    9K   22+Windows explode on opening/closing
CaBoomSrc.lha        util/boot    8K   22+Source for CaBoom
SlowBoot18.lha       util/boot    9K   13+1.18 If you HD dosen't boot from cold ge
SlowBootSrc18.lha    util/boot    4K   13+Source for SlowBoot 1.18
Startup–Menu.lha     util/boot  120K   57+V1.41 Cumstomisable startup menu and uti
YourFault.lha        util/boot   20K   32+1.4 Replace system error strings – fun!,
YourFaultSrc.lha     util/boot    6K   32+Source for YourFault 1.4
YourFaultStr.lha     util/boot   17K   32+Error files for YourFault, Standard Loca
Bush.lha             util/cli    10K   59+1.4 Shows directory tree structures.
Erase.lha            util/cli     9K   22+1.1 Deletes a file so that it can't be r
chunker.lha          util/misc   36K   10+1.2b Split+Join files! Ami/MSDOS/Unix (C
DiceRoll.lha         util/misc    6K   53+Emmulates dice throws – generate rand nu
naegrey_101.lha      util/misc    9K   40+Remove grey screen border. WB2+ OS frien
Publican.lha         util/misc   11K   44+Public screen support utility.
MidMoose.lha         util/mouse   3K   32+2.0  Emulates mid mouse button via a key
shrub_114.lha        util/wb     21K   39+V1.14 Shows directory trees, WB GUI.
```

```
WangiPad.lha         util/wb      53K  45+1.16 BEST Tool launcher, readme please
```