Startup

Roger Hågensen

COLLABORATORS

	TITLE : Startup		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Startup

1.1 Startup Prefs Guide - Contents

Startup Prefs v40.1 created by Roger Hågensen at Msi Software.

Startup Prefs - The Original Startup-Sequence Preferences Utility

Introduction
- What is this all about?

Compatible
- Will old/new stuff work?

Features
- What can it do?

Installation
- How do I put it on my disk?

Usage
- How do I use it?

Tips
- How do I get the most out of it?

Note
- Is there anything important I should know?

Iconsupport
- Does it support default icons?

Disclaimer
- What is the warranty/copyright?

Registration
- How do I register?

History
- What has happen since older versions?

```
                    Future
                    - What do you plan for the future?

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 Email: Msi Software <emsai@online.no>    WWW: http://home.sol.no/~msi/
```

1.2   Startup Prefs Guide - Usage

```
                    Startup Prefs can be started from
                    Workbench
                     or
                    CLI
                    .
Startup Prefs also have a
                    menu
                     with some basic functions!


     .---------------------------------------------------.
     |
                    Assigns

                    Buffers

                    DOS Paths
                        |
     |...................................................|
     |                    Main Settings                  |
     | Load Workbench [xxxx] |       Fail At [xxxxxxx] |
     |       Copy ENV [v]    |         Arexx [v]       |
     |     DOS Drivers [v]   |      DataTypes [v]      |
     |   Quiet Startup [v]   |   User-Startup [v]      |
     | Monitor Drivers [v]   | Keep Boothsell [v]      |
     |                       |       NewShell [v]      |
     |...................................................|
     |       [Save]        [Use]        [Cancel]       |
     `---------------------------------------------------'

  "Save" will save the settings as the new Startup-Sequence
   "Use" will save and then reboot you Amiga (it will ask first)
"Cancel" will not saving anything, it does the same as "Quit.." in the
                 menu
                    .

 "Load Workbench" Allows you to choose "No", "Yes" and "Delay"
                  Delay will make Workbench wait for 3 seconds before
                  starting, thus allow most disk activity to finish.
      "Copy ENV" If off then ENVARC: will not be copied to ENV:
                  at system startup, but the assign and Ram:ENV directory
                  will still exsist, thus things work,
                  but all those tiny files won't be in ram,
                  some programs may behave differently if
                  they can not find it's prefs in ENV:
   "DOS Drivers" If off then no DOS Drivers will be mounted,
                  meaning mount files in DEVS:DOSDrivers
```

```
                             will not be read, some software may
                             complain that a volume/device etc is not mounted.
     "Quiet Startup"  If on all of the settings in Startup Prefs
                             will be set to be quiet,
                             meaning no messages etc will appear at system startup.
                             Error messages from some commands etc will not
                             be shown if such should happen.
                             Normally you can have this option on.
   "Monitor Drivers"  If off then no monitor drivers will be mounted,
                             only the limited internal PAL/NTSC drivers are available.
                             This may cause confusion among some software.
            "Fail At"  Allows you to set the failure level of the system startup.
                             "Anything" means anything stops system startup,
                             this can be annoying since some software
                             use failure codes to notify each other of
                             certain events.
                             "Warnings" means almost the same as "Anything"
                             but is somewhat tolerant, but may stop on
                             some software that use Warnings to notify about things.
                             "Errors" means that system startup will only stop
                             at errors or worse, this setting is nice when testing
                             if the system startup works okay.
                             "Failures" means that system startup only stops
                             at really serious errors,
                             it may be nice to use this if you want to
                             prevent a full system startup if there are problems.
                             "Nothing" means that a full system startup is done
                             even if things go horribly wrong,
                             this is the most used setting since it
                             will (hopefully) bring you a partially
                             useable BootShell/Workbench so you can
                             correct problems etc.
              "ARexx"  If on, ARexx will be started just before Workbench is.
                             Make shure that the Rexxmast program is NOT
                             in the WBStartup before you turn this option on.
          "DataTypes"  If off, the DataTypes will not be added to the system.
                             A lot of software may fail to load certain files,
                             or fail to save or identify some files.
       "User-Startup"  If off, then the S:User-Startup is ignored.
                             The user startup usually contain a lot of
                             extra system startup stuff,
                             so a lot of assigns may not be mounted
                             and many programs could have trouble finding
                             their own files etc.
                             And some software like MUI, NewIcons, ClassAct, etc,
                             will most likely not be activated at all.
     "Keep BootShell"  If on, the BootShell will not be closed
                             when Workbench is started.
           "NewShell"  If on, a new shell is opened after Workbench has started.
                             Any settings in S:Startup-Shell will be used.
                             Tip:
                             Since NewShell is started after the User-Startup,
                             you can create an alias using the DOS Alias command,
                             call the alias "NewShell" and set the alias
                             to use the CON (shell window) options you want
                             it to start with. When NewShell is started it
```

```
                    will use your alias instead of the real NewShell :-)
```

1.3   Startup Prefs Guide - Usage Assigns

```
Not implemented yet!
```

1.4   Startup Prefs Guide - Usage Buffers

```
Not implemented yet!
```

1.5   Startup Prefs Guide - Usage DOS Paths

```
Not implemented yet!
```

1.6   Startup Prefs Guide - Usage Menu

```
  Project              Edit                 Settings
  ------------------------------------------------------
  Open...              Load Original    Create Icons?
  Save As...           -------------
  About...             Last Saved
  ----------
  Quit...


  "Open" will let you choose a Startup-Sequence to load
         via a filerequester.

  "Save As" will let you save a Startup-Sequence
            via a filerequester.

  "About" will let you get some info on the program.

  "Quit" will quit the program.

  "Load Original" will load prefs from your old Startup-Sequence.

  "Last Saved" will restore settings from the last saved Startup-Sequence.

  "Create Icons?" will toggle icon saving on/off for "Save As"
```

1.7   Startup Prefs Guide - Usage Workbench

From Workbench you have these tooltypes you can use if you want to:

Tooltypes inside (and) are considered comments,
and thus ignored by Workbench,
to uncomment a tooltype just remove the (and).
< and > indicate you need to fill in a value that can be a number or word.
| is a seperator indicating you can use one of the seperated values.

PUBSCREEN=<public screen name>
Tells Startup to open on the screen with that name.

CREATEICONS=<YES|NO>
Tells Startup you wish to save icons when you choose
Save As... from the project menu.

EDIT
Tells Startup you wish to edit the file.

USE
Tells Startup you wish to use the file as the new Startup-Sequence,
and then do a reboot.

SAVE
Tells Startup you wish to save the file as the new Startup-Sequence.

1.8   Startup Prefs Guide - Usage CLI

From CLI you have these options you can use if you want to:
FROM,EDIT/S,USE/S,SAVE/S,CREATEICONS/S,PUBSCREEN/K

FROM is the name of the Startup-Sequence to load.
EDIT tells Startup you wish to edit the file.
USE tells Startup you wish to use the file as the new Startup-Sequence,
     and then do a reboot.
SAVE tells Startup you wish to save the file as the new Startup-Sequence.

CREATEICONS tells Startup you wish to save icons when you choose
            Save As... from the project menu.
PUBSCREEN   tells Startup to open on the screen with that name.

1.9   Startup Prefs Guide - Tips

Don't change any options you see, if your Startup-Sequence work okay!
The options are only there IF you want/need to change them,
the only difference between the old by-the-hand way
and this Prefs way is that the changes are very easy to make,
and will hopefully avoid human mistakes :-)

This is not as much as a tip but a full blow warning,
DO NOT CHANGE THE CONTENTS BETWEEN ";BEGIN" AND ";END" KEYWORDS,
if you do, Startup Prefs will get confused

and may cause more harm than good, only experienced people should edit
the Startup-Sequence by hand anyway, so this should not be a problem :-)

It is suggested you keep the FailAt level on "Nothing".
But if it seems things do not work at startup then
change the level to "FAILURES" or "ERRORS".
It is not advised you use "WARNINGS" since
some commands in the startup may use WARNING's to notify
each other of certain events.

If a FailAt level is reached then the system startup
will be aborted and should stop around where the problem
happen, personally once all is working I keep FailAt level on "Nothing".
Even with "Nothing" selected serious problems will not be ignored.

For those familiar with the DOS command FailAt,
here is the FailAt levels Starup Prefs use:

        Anything is the same as FailAt 1
        Warnings is the same as FailAt 5
        Errors is the same as FailAt 10
        Failures is the same as FailAt 20
        Nothing is the same as FailAt 21

When setting "Load Workbench" to "No",
make shure that "Keep BootShell" is ON,
if not you will be staring at a blank screen without
Workbench OR BootShell :-)

I know I could easily force Keep BootShell on if Workbench is "No",
but some people may need to start without WB or Shell (!)
So for know I will keep it as it is,
but if people keep getting in trouble
I will have to hide the No Workbench option :-)

If you set the ARexx option then make shure that
Rexxmast is NOT in WBStartup,
the ARexx option if used will actually put Rexxmast
right before the LoadWB command.
I suggest you use this option since ARexx
is more and more used by Amiga software.

1.10   Startup Prefs Guide - Introduction

                Compiled using AmigaE v3.3a from Wouter van Oortmerssen.
GUI created with EasyGUI v3.3b4 from Jason R. Hulance.

 Startup Prefs – The Original Startup-Sequence Preferences Utility

At least I haven't seen anything like it before,
shure there are startup managers etc,
but they usually are started at the beginning of the startup
and use their own type of startup systems instead of the normal one.

Startup Prefs however, change the actual Startup-Sequence values,

making it possible to "EDIT" your Startup-Sequence
without the need to edit it by hand and cross your fingers
hoping nothing goes wrong.

It won't let you change everything (and may never do :-)
Startup Prefs is ment to let you change some things
you may need to change, once in a while or in special situations,
take a look at the
                features
                 in Startup Prefs!

If you think some information is missing in this guide,
it is because this is a new program on a somewhat complicated subject.
But you should find some information in the original Workbench/DOS
documentation, and more info on Startup-Sequence can be found in more
technical AmigaDOS related manuals.

1.11   Startup Prefs Guide - Compatible

OS 2.0 or higher is needed, a normal Startup-Sequence.
By normal I mean similar to the OS 3.1 Harddisk Startup-Sequence
found (and used for HD installations) on the OS 3.1 Install disk,
as "Install3.1:Update/Startup-HardDrive"

The OS 3.0/2.1/2.0 install disks should be similar to this,
(thank God that Commodore followed most of their own standards :-)

Accidentally my own Startup-Sequence is very similar
(although things are moved around a lot :-)
and most of you should have a NORMAL Startup-Sequence.

I have included the OS3.1 HD startup in the Example drawer,
it is called Startup_Before.Txt, Startup_After.Txt is how it will
look when Startup Prefs has "converted" it.
By looking at these two you should be able to see
if there might be problems with your Startup-Sequence.

You may notice the changes are cosmetic (to us :-),
but to Startup Prefs the changes are VERY important.

1.12   Startup Prefs Guide - Features

                o You can set the FailAt level
   (how sensitive the system is towards startup errors etc.)

o You can choose to start Workbench with/without Delay,
   or decide to not start Workbench at all.
   (read the warning in the
                Tips
                 section!)

o You can choose to keep the bootshell or not

        (read the warning in the
                  Tips
                   section!)

o You can choose if you want to copy ENV to Ram:
  (The ENV directory and assign is still made)
  (but all those small files wont be put in your Ram:)

o You can choose if you want ARexx started
  (read the note in the
                  Tips
                   section!)

o You can choose if you want to mount your DOS Drivers.

o You can choose if you want to mount your Monitor Drivers.

o You can choose if you want to start the DataTypes system.

o You can choose if you want to use the User-Startup

o You can choose if you want to have a quiet startup
  (nice if you don't want messages disturbing your bootscreen :-)

o You can choose if you want to start a new shell after Workbench
  have started.

o And you can restore your original (OLD) Startup-Sequence,
  or the Startup-Sequence you last saved.

o You can save the changes and reboot later,
  or let Startup Prefs reboot for you :-)

o There are some safety requesters for things like
  quit and reboot plus reminders for
  that you need to reboot to set the changes into effect,
  and that you should wait until all disk activity has finished
  before pressing the Reboot button :-)

o Startup Prefs will convert your old Startup-Sequence
  into one more usable by Startup Prefs,
  but before doing so it will save your old Startup
  as S:Startup-Sequence.ORIGINAL :-)

o Locale support

o Extensive documentation, with some nice info on system startup and more.

1.13 Startup Prefs Guide - Installation

Just copy it to the "SYS:Prefs/" drawer!

1.14   Startup Prefs Guide - Note

```
PLEASE NOTE!

When you have started using Startup Prefs,
it is even more vital that no changes are done to
the Startup-Sequence, and custom software/changes
should only be added to the S:User-Startup

Some programs may ask your permission to add
something to your Startup-Sequence,
usually doing this should be okay.

BUT if a program etc is added between the ;BEGIN and ;END keywords,
you will find that after saving with Startup Prefs
that the program/addition no longer is there.
I MAY add some extra checking in a later version of Startup Prefs,
but it is not a priority, since in theory if the Startup-Sequence
is okay, normal commands in it should be okay.
It is unexpected/unknown things that may suffer,
and it is very hard to make Startup Prefs handle all those
situations/combinations.

As of today (20th October 1997) Startup is the first program
of it's kind (that I know of) to allow setting startup preferences
without needing a special "Manager" system that some related utils use.
Hopefully more will follow later,
but if they do I hope to God that they talk with me,
the last thing we need is a bunch of people doing it THEIR way,
I've based the ;BEGIN and ;END on the Installer's way of adding
entries in the User-Startup,
and "invented" a ;DISABLED keyword for practical reasons
and to avoid future oversights/problems.
This is not the "fileformat" that Startup Prefs use,
there is more to it than that, mostly in the way
the Startup-Sequence is read and written internally.
So i hope a Startup Prefs "clone" author will discuss with me
first, the last thing we need is crying users with
Startup-Sequences looking worse than "Hell's Sewer" ®tm (yuck :-)
```

1.15   Startup Prefs Guide - Iconsupport

```
Startup will use "ENV:sys/def_system.info" as a icon
for the user system files to save,
if you don't want Startup to use your standard system icon,
then make a icon called "ENV:sys/def_startup-sequence.info"
Startup will use this instead, don't forget to also copy
that icon to "ENVARC:sys/" so it is available after a reboot.
If both these icons are not found it will look for
"ENV:sys/def_project.info"
if that fail it will use the system's internal project icon
that can always be found (it's in the Kickstart ROM :-)

In addition there is a CREATEICONS tooltype, if found Startup will start
```

```
with the menu "Settings/Create Icons?" enabled or disabled depending
on if CREATEICONS=YES and CREATEICONS=NO is used. Default is YES.
So now you don't have to turn it off each time,
if you don't like saving icons :-)
If this tooltype is not used, then the "Settings/Create Icons?" is enabled.

This tooltype also exists as a option when Startup is used from CLI,
from CLI it is simpler since CREATEICONS is a switch,
if used then icons will be saved if not used no icons are saved.
Default from CLI is always no icons.
```

1.16 Startup Prefs Guide - Disclaimer

```
                Startup is
                ShareWare
                , and no warranty is given.
You use this software at your own risk.
This software is freely distributable,
and may NOT be sold for profit anyone else
unless the author (me) agree to do so.
See license file for more...
```

1.17 Startup Prefs Guide - ShareWare

```
This software use the "DEX-II Keyfile System", based on
the DEX-II encryption software/scheme (see our homepage for the software).

This software is fully functional,
the keyfile is only used to remove the requester
that remind you to register this software :-)
The keyfile will also put your name in the "About" requester
found in the program's menu :-)

The keyfile "may" be used for future updates,
that have "special" things added. ANY bugs found will be fixed so
unregistered users do not need to worry, however if major changes/additions
are made, only registered users may be able to use them,
so you should look at the unregistered as an evaluation version!

Official Msi Betatesters and catalog translators are not required to pay,
but I would be very happy if some of them did :-)
Betatesters/translators need to "ask" for a keyfile,
if they don't ask, I will not bother to give them one :-)
I will gladly give a free keyfile to other ShareWare authors
in trade for a registered version of their software :-)

Those users who have a contract/license or any other agreement
given directly by me or a company that have signed a deal
with Msi Software for redistribution with their product
do not have to pay the ShareWare fee either,
since the fee have been taken care of by other means.
```

To all others though, you have to pay the ShareWare fee
if you continue to use Startup Prefs after the 30 day
free trial period that I hereby give you the license for.
After these 30 days (from when you read THIS ShareWare information)
you have to pay the fee or remove Startup Prefs from your system
and any releated documents/files.

We reserve the right to charge a small update fee
if we find the changes large enough to justify such a fee.
(don't worry, I doubt that will happen :-)
Updates for registered users are always free unless stated otherwise and
can be obtained from the Msi Software web site at http://home.sol.no/~msi/
or from Aminet or any other free distribution media.

All registered users will be put on a registration list with a userid,
and a record of fees and update fees and any licenses will be kept.
Currently keyfiles will only be sent to you via email,
due to postal/disk/packaging expenses and the extra time needed for disks.
So I need your Internet Email adress to send you the keyfile.
ShareWare/Commercial authors etc can register by giving me a free
fully registered copy of their product (or a keyfile :-)
(companies have to contact me for a discussion of a company license)

    -------------------------- Payment --------------------------

The ShareWare fee is 30,00 NOK (Norwegian Crowns)
                     30,00 SEK (Swedish Crowns)
                     30,00 DKK (Danish Crowns)
                     30,00 ISK (Icelandic Crowns)
                     20,00 FIM (Finnish Marks)
                      4,00 USD (US Dollars)
                      2,00 GBP (British Pounds)
                      7,00 DEM (German Marks)
                      6,00 CAD (Canadian Dollars)
                      5,00 JPY (Japanese Yen)

(the native fees have been rounded to nearest full number in that currency
 "relative to 30 NOK", prices are static and won't change with the market)

And can be deposited to banking account: 4200.09.13329
                                         Sparebanken Midt-Norge
                                         Norway

Or send as cash to: Msi Software
                    Roger Hågensen
                    Kolstadflata 35 B
                    N-7078 SAUPSTAD
                    Norway

ONLY THE CURRENCIES STATED ABOVE ARE ACCEPTED FOR CASH,
IT IS TO EXPENSIVE FOR ME TO EXCHANGE ANYTHING ELSE.
And if you are not sending Norwegian Crowns then please
try to send the cash as paper money,
since coins are very hard to get exchanged.

I advice Scandinavian countries to use NOK (prefered) or SEK if possible,

and European countries to use GBP (prefered) or DEM if possible,
and Asia to use USD (prefered) or JPY if possible,
and America to use USD (prefered) or CAD if possible,
and the rest of the World to use USD (prefered) or GBP if possible.
This way I will be able to exchange larger amounts of these
currencies and thus reduce my banking costs.

Other means of money transfer like Eurochecks and similar means of
money transfer is also accepted as long as they are in Norwegian
currency and that the receiver (me) do not have to pay large amounts
of money to cash them in (check with your Bank/Postal office about this).

Also send me an email to let me know you sent me the money,
and if possible send a copy of the receipt (bank/post)
or scan it (low resolutions okay) and email it :-)

     --------------------- What you pay for ---------------------

 Currently any bank expenses etc for taking out the money
 and exchaning it to Norwegian currency (that I can use here :-)
 are included in the price. Meaning that of 4 Dollars I may
 only end up with 2 Dollars after the Bank have charged it's fees.

 The money is invested in further development of this software
 or future projects, free updates of all (no need to pay again)
 new revisions (and versions unless stated otherwise).

 Full user support, only limited by my own spare time.

 You help me pay for my Internet account :-)

 And you will be put in a Registered Users database,
 that may be used from time to time to give you special
 info/beta versions/or non public software (only if you have email)

     -------------------------- Request --------------------------

(I am interested in hearing from Online Registration Services
 and Overseas/Foreign Registration Services,
 I wish to allow easier and cheaper registration for my users.)

1.18 Startup Prefs Guide - History

 v0.1 - (20.10.1997)
        First Beta release! (not public)

 v0.2 - (20.10.1997)
        Added Locale support :-)
        Changed the text in a few places,
        updated the guide to reflect this.

 v0.3 - (31.10.1997)
        Now compiled with AmigaE v3.3a

```
v40.1 - (17.11.1997)
        First Public release!
        Added "DEX-II Keyfile System!"
        Looked thru the code, did some final adjustments to locale stuff.
```

1.19   Startup Prefs Guide - Future

- As you can see I have disabled Assigns/Buffers and DOS Path
  so I can not deny having plans :-)
  The first thing to add will be DOS Path, and after that Buffers.
  Not shure about Assigns since they can get pretty complex.
  and not many people change the location of LIBS: all the time :-)

- I don't know, do you have any suggestions?