WBStartup+

John Hughes

COLLABORATORS

	TITLE : WBStartup+		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	John Hughes	February 9, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

WBStartup+

1.1 WBStartup+

```
                    WBStartup+
                December 12, 1996

                 by: John Hughes
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  How to use:

   WBStartup+
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   Changing execution order
```

1.2 Distribution

Anyone may do anything to this archive within the following constaints:

launcher.library, dospath.library, and wbstart.library may only be
distributed inside of this package and their corresponding archives
on aminet with the permission of their authors.

This document file must be included with all distributions of any part of
this archive (except with the 3 libraries listed above).

Full credit to the original author of WBStartup+ and WBStartup+Prefs
(me.. John Hughes) must be given in any modified source code, or executable
which is redistributed from this archive. People who modify the source code
may also include there names for possible future 2nd party updates.

WBStartup+, WBStartup+Prefs and the included source code are copyrighted
to John Hughes, 1996. However, permission is given for distribution and
redistribution within the above constraints.

1.3 Future

  This is the last update of this archive which will be made available to
  to the public by me.

  Any additional updates to this software must be made by a 2nd had party,
  see Distribution.

  I enjoyed working on this project, and am trilled with it's success.

  The main reason for this is because I my current occupation is developing
  client-server software for Microsoft Windows, and finishing my Grad School,
  Master Of Science degree in Computer Science. And I have little room for
  the Amiga right now.

  I wish everyone happy computing. :)

1.4 Installation Instructions

  INSTALLATION:

  Double click the "Install" icon to install WBStartup+ for the first time
  or to upgrade from a previous version.

  The installation script makes 2 directories,
  "WBStartup (Enabled)" and "WBStartup (Disabled)".
  "WBStartup (Enabled)" holds all the programs that
  you want to run at startup, and the other holds
  all your disabled startup programs (ie, ones
  that you don't want to run at startup).
  Everything in your SYS:WBStartup directory is
  moved to the "WBStartup (Enabled)" directory.
  The WBStartup+ program is copied to your
  SYS:WBStartup directory.
  The WBStartup+Prefs program is copied to your

```
SYS:Prefs directory.
```

1.5 Author & Tech

```
                         About the author
                         and other tid-bits.



Program:        WBStartup+
Version:        2.8
Date:           December 12, 1996
Coded by:       John Hughes
Email:          johughes@heartland.bradley.edu
WWW:            http://rhf.bradley.edu/~jhughes/
Compiled with:  SAS/C 6.56
Machine:        A4000 68EC030/25  AmigaDOS 3.1
Required:       AmigaDOS 2.0 or above
                The preferences program requires AmigaDos 3.0 or above.


 Send me a postcard


I have released:   PointerEyes 4.4 -  Very configurable eyes that watch your
                                      mouse pointer. Any size, and # of colors.
                                      aminet:util/wb/PointerEyes4.4.lha

                   WBMakeLink   -  Menu in WB tools menu which makes links
                                   to files and drawers, and makes an icon
                                   for them.
                                   aminet:util/wb/WBMakeLink.lha

Unreleased:        A raytracer for Amiga Dos 3.x, but is designed to be portable ←
    .
```

1.6 Contributions

```
                         Postcardware


WBStartup+ is Post Cardware.

If you use WBStartup+, please send me a post card of your
country or city.

Of course I will take any type of donations.  :)

Send to:

  John Hughes
  901 Highview Rd.
  East Peoria, IL 61611 USA
```

EMail does not count as a postcard. If you use WBStartup+,
please send me a postcard... It is a very cheap way to show your
appreciation for the product.

Special thanks go out to all the Europeans who have send me postcards.
This is because only about 10% of the postcards I have received, are
 from the USA, which is rediculous considering I live in Illinois, USA!

1.7 Synopsis

WBStartup+ does the following:

o Easy to use GUI preferences program for OS3.x.
o Lets you choose the order in which the startup programs run.
o Lets you enable and disable the running of each program quickly.
o Allows you to have access to Workbench while all of your
   startup programs are being loaded.
o Can be disabled at startup by holding left shift key down.
o Progress window shows the icon of the program that is being loaded,
   and a progress bar with userdefine window background.

1.8 Launcher.library Info

Launcher.library

  launcher.library was written by Olaf Barthel at Amiga Technologies and
    may not be distributed without the entirety of this archive, unless you
    have authorized permission.

  launcher.library (c) Copyright 1996 by ESCOM AG. All Rights Reserved.

  ESCOM is not responsible for any damage this library may do.

1.9 WBStart.library Info

 WBStart.library and DosPath.library

  wbstart.library dospath.library were written by Stefan Becker.

  The entire WBStart.lha archive can be found on Aminet at:

    http://www.aminet.org/~aminet/dirs/aminet/util/libs/WBStart.lha

The entire DosPath.lha archive can be found on Aminet at:

    http://www.aminet.org/~aminet/dirs/aminet/util/libs/WBStart.lha

wbstart.library and dospath.library may not be distributed without the
entirety of the WBStart.lha or DosPath.lha archive, unless you have
authorized permission.

1.10 Bugs

                    Bugs

All known bugs have been removed.

Thanks go out to all those who reported bugs to me.

I have no MMU, so it is very difficult to locate enforcer hits once they
are present.

Please keep me informed of any bugs that you find.
E-Mail: johughes@heartland.bradley.edu

1.11 Where to get Updates

Locations to find Updates

All WBStartup updates are first posted to Aminet at:

    ftp://ftp.wustl.edu/~aminet/util/boot/WBStartupPlus.lha

    Versions 1.0 to 2.0 were put in /util/wb, sorry for the change.

Updates are also available at my web site:

    http://rhf.bradley.edu/~jhughes/

1.12 History

                        History

V1.0 June 26, 1995

  First release.

Thanks go to David Swasbrook for showing me an example of how to use ←
    GTLV_CallBack.

V1.1 July 16, 1995

  Corrected a "July" to "June" in the docs.
  I accidentally asked for money in the "About" menu in the prefs program,
  all I want is a postcard.
  Added MWB icons for the enabled and disabled directories.
  Fixed the install script so that no files are deleted, making it much safer.
  Minor changes in the documentation.
  Added Title node to Prefs program's listview.
  You can now change the loading priority of each startup program within
    the prefs program.
  Fixed menus so they are the right colors.

V1.2 July 17, 1995

  Bug Fix: You could change the priority of title nodes.
  You can now get the WB info requester for any of the programs in the
    listview gadget of the Prefs program from a pulldown menu.

V1.3 July 18, 1995

  Now runs programs without icons. Sorry about that :(
  Bug Fix: Forgot to reply to a message in the Prefs program.
  Forgot to free up some memory in the Prefs program.

V1.4 July 19, 1995

  Prefs program now lists programs without icons, and no longer displays ←
    subdirectories.

V1.5 July 25, 1995

  Bug Fix: Font was not being shown if it wasn't already loaded.
  WBStartup+ Prefs now uses the screen font for it's text.
  Added DELAY as a tooltype for WBStartup+.
  WBStartup+ Prefs is completely font adaptive.
  Bug Fix: It was possible to free gadgets more than once it all of them were not ←
    created.

V1.6 August 6, 1995

  Selected entries in the listview are now shaded differently.
  Added where to get l:wbstart-handler in the docs.
  The list can be alphabetized from "Alphabetize list" in the "Edit" menu.
  Added "ALPHABETIZE" as a tooltype. If the tooltypes exists, then the
    list of programs will be alphabetized.
  Now recognizes STARTPRI as the priority tooltype to conform more to OS3.x.
    STARTUPPRI is still recognized, but obsolete, so if both STARTPRI and
    STARTUPPRI are present, STARTUPPRI is ignored.
  Changed the priority integer gadget to a slider gadget.

V1.7 August 15, 1995

  WBStartup+Prefs window is now resizeable.

WBStartup+Prefs window now opens larger, depending on the visible screen size
   and the number of lines in the listview gadget.
Can switch between Alphabetical sorting and Priority sorting via a menu.
If the list is sorted by priority, an edited priority will be moved into the
   correct location in the list.
Fixed a couple font adaptive miscalculations.

V2.0 August 26, 1995

  Programs can now be assigned to groups, making quick changes in the preferences
     program quicker.
  Holding the Left Shift key down during boot time, causes WBStartup+ to be ↩
       disabled.
  MAJOR BUG FIX: Programs without icons (projects) were not being recognized.
  Added several Group management menu items.
  Added Select All, None, Toggle menu items.
  WBStartup+ will not run any program with the name of "WBStartup+", that way if
     you have the WBStartup+ program in the enabled directory, it will not run
     recursively forever.
  The alphabetic ordering in WBStartup+Prefs is now case insensitive using Locale.
  Prefs window opening width is smarter.
  Changed the look of the WBStartup+Prefs icon to look like the standard MWB prefs ↩
       icons.

V2.1 September 24, 1995

  Now uses Memory Pooling instead of AllocVec().
  Fixed potential bug in a list structure when alphabetizing.
  Received permission to include L:WBStart-Handler in this archive.
  Archive has moved to Aminet:util/boot
  Removed accidental FreePool() when "Delete Group" was done, and there were no ↩
       groups.
  Enforcer Hit removed: forgot to initialize glist=NULL before CreateContext().
  Did I release V2.0 WBStartup+Prefs with a missing tail parenthesis in two path ↩
       tooltypes? Sorry.
  A requester now appears when you quit without saving, and there was a group ↩
       modification.
  WBStartup+ now has an optional Progress Indicator when it runs, which can have a ↩
        user defined background.
  Changed the name of drawer icon images, so they don't have parenthises in them, ↩
        that way
     they can be archived with lzx. They are copied by the installer script and ↩
          given their
     proper default names with parenthises.
  Included a WBStartup+ version for OS2.x and OS3.x
  Updated installer script to recognize OS2.x and OS3.x

V2.2 September 27, 1995

  Removed bug causing possible crash when disabling the PROGRESSWINDOW tooltype.

V2.3 October 3, 1995

  The WBStartup+Prefs window is now a WB AppWindow, so ou can drop icons into it
     and a requester appears asking you if you want to copy or move the files to
     the enabled or disabled directory.
  Was allocating pathname size, and deallocating filename size.

Possible program crash removed due to another forgotten glist=NULL.
Add "..." to some menu items.

V2.4 October 4, 1995

  Was allocating one byte less than needed for groupnames when creating them from ←
     the menu.
  When resizing the window, the gadgets are remade, but glist was not initialized ←
     to NULL again.
  WBStartup+ now sets the stack size for each loaded program, although WBStart- ←
    Handler seems
    to not always use the exacts stack size specified.
  Was allocating sizeof(struct Node) instead of sizeof(struct WBStartupNode) in ←
     the OS2.x version of WBStartup+.

V2.5 October 23, 1995

  Now supports Localization. Included catalogs: Deutsch, Français, Italiano, ←
     Norsk, Svenska.
  Holding the Ctrl key down when WBStartup+ is run will cause WBStartup+Prefs to ←
     be
    run before any programs are loaded, allowing you to choose which programs get ←
       loaded.
  Holding the left Alt key when WBStartup+ is run causes the user to be asked ←
    which of the
    enabled programs should be run.
  Added PREFSPATH tooltype to WBStartup+ icon. This is the location of the ←
     preferences file.
  Program names are shown in WBStartup+'s progress window.
  If the case of the letters in the filename and icon name varied, the same ←
     program name
    would be recognized as two different programs. This is now fixed.
  Added Cancel and Ok gadgets to the Copy File window.
  The OS3.x version of WBStartup+ was getting it's bottom border of the prefs ←
     window
    overwritten by the background pattern under the right icon image, if the user ←
       was
    using sysihack.
  WBStartup+ now recognizes the WAIT= tooltype as the # of seconds to wait before ←
     loading the next program.
  WBStartup+ now recognizes the TOOLPRI= tooltype as the priority that the program ←
      should have when running.
  The DELAY= tooltype is now obsolete, therefore it has been removed.
  WBStartup+ now knows if it has already been run, and if it is run more than once ←
     , the user
    will see a requester asking if it is ok to run it again.
  The STARTUPPRI tooltype is no longer recognized, please use STARTPRI instead.
  When the WBStartup+Prefs window is opened on a virtual screen, it is centered
    vertically in the visible section, and is 100 pixels to the right of the ←
       leftmost
    visible section.
  The Amiga Workbench x.x text is now properly centered in WBStartup+'s progress ←
     window.
  The busy pointer is now shown when a secondary window is opened, such as the ←
     Priority Window.
  Sizing the main window is now impossible when a secondary window is opened since ←
      IDCMP is cut off.

```
  Priority Window is now activated when opened.
  You may use the keyboard up and down arrow keys to change the selected element  ←
     in the listview gadget.

V2.6  February 3, 1996

  When no program is highlighted in WBStartup+Prefs, and the menu item "Icon  ←
     Window" is selected,
   a requester appears telling the user to select a program first.  However this  ←
       requester is
  NOT localized, because not all of the catalog authors gave me a translation.
  Changed all MEMF_ANY's to MEMF_PUBLIC.
  If the "Choose Group" window failed to open and set up properly, the program  ←
     still would cycle
    through the list nodes and return an invalid pointer and crash.  It now will  ←
        return NULL.
  Increased the height of all the button gadgets by 2.
  Better calculations on the listview gadget's height and the button gadgets  ←
     positions.
  I'm Working on fixing the alias/local var environment problem. The problem IS in  ←
      WBStart-Handler,
    which I did not write, and I can't get ahold of the author.  I have found the  ←
       bug in his
    program, but can not include my updated version due to copyright laws.

V2.7  March 3, 1996

  Now uses launcher.library instead of WBStart-Handler.  Local variables and paths ←
     are
    now inherited by launched applications.  (Sorry it took so long.)
  Included more catalog files: Dansk, Suomi.
  Included WBStartupPlus.cd

V2.8 December 12, 1996

  WBStartup+ Prefs now moves programs across volumes if the enabled and disabled  ←
     paths
    are located on two different volumes.
  The WAIT tooltype was accidently disabled.  It now works again.
  Lots of people complained about launch.library, so the WBStartup+ for Amiga OS  ←
     3.x
    now uses the new version of WBStart.library.
  WBStartup+ Prefs now tells the user if it can not lock the enabled or disabled  ←
     directories.
  This is the last version of this program that intend to compile and distribute,  ←
     since I
    may not own an Amiga for much long.  RIP
  Therefore the Source Code is now included.
  Included more catalog files: Español, Magyar, Russian.
```

1.13 How to use WBStartup+

```
                        How to use WBStartup+
```

```
    Tooltypes

        ENABLEDPATH
        DISABLEDPATH
        PROGRESSWINDOW
        BACKGROUNDPIC    (for OS3.x only)
        PREFSPATH

        Startup Programs

HotKeys

    Ctrl            Bringing up WBStartup+Prefs before running any programs.
    Left-Alt        Asks user which of the enabled programs should be run.
    Left-Shift      Disabling WBStartup+, no programs will be run.


  Changing execution order
```

1.14 How to use WBStartup+Prefs

```
                    How to use WBStartup+Prefs
```

The Prefs program allows you to choose which program to run at startup,
and in which order to run them.

```
    Tooltypes

        ENABLEDPATH     Must be the same as that of  WBStartup+
        DISABLEDPATH    Must be the same as that of  WBStartup+
        ALPHABETIZE
```

App Window

  You can easily copy or move files into the enabled or disabled directory
  by simply dropping icons into the window from workbench.

  A window will appear asking you if you want to copy or move the files, and
  whether to put the files in the Enabled or Disabled directory.

The Listview Gadget

  Each item in the list that has a checkmark will be run at startup.
  To toggle the checkmark, just click the left mouse button on the checkbox.

  To change the startup priority of a program, click in that area of the
  listview, set the slider gadget to the desired priority and close the window.

  To bring up the Workbench icon information window for one of the programs
  listed in the listview gadget, select the program name, and then select
  "Icon Window" from the "Edit" pulldown menu.

Creating Groups

```
   Set the checkmarks in the listview to your desired settings.
   Choose "Create Group" from the "Edit" menu.
   Type the name that you want to call the group and press enter.
   You now have a new group.
   You MUST save the settings, or the new group will be forgotten.
   A requester will be appear to allow you to save any group modifications on  ←
      quiting.

Selecting a Group

   Choose "Group" from the "Select" menu.
   Select the name of the group you want to use from the list and select
     "Ok".  (Double clicking works too)

Other Gadgets

   Select "Save" to save the settings.
   Select "Cancel" to exit the program without making any changes.

Select the "Restore" menu to restore the setting to what they were
   when WBStartup+Prefs was run.
```

1.15   Changing execution order

```
   How to change the order in which the startup programs are run.


Use the  WBStartup+Prefs  program.

OR

You may add the tooltype  STARTPRI  to any of the startup programs icons.
```

1.16   Tooltypes

```
Tooltypes

   Choose the program:

      WBStartup+
      WBStartup+Prefs

      Startup Programs
```

1.17   Tooltype: ENABLEDPATH

```
ENABLEDPATH=

   Set ENABLEDPATH to the directory where the programs are that you want
```

```
to run at startup (boot time).
```

```
Default:
```

```
  ENABLEDPATH=SYS:WBStartup/WBStartup (Enabled)
```

1.18 Tooltype: DISABLEDPATH

```
DISABLEDPATH=
```

```
Set DISABLEDPATH to the directory where programs that should not be
run at startup are.  This is like a storage directory.
```

```
Default:
```

```
  DISABLEDPATH=SYS:WBStartup/WBStartup (Disabled)
```

1.19 Tooltype: PROGRESSWINDOW

```
PROGRESSWINDOW
```

```
This allows you to disable the progress window.
```

```
This tooltype has NO values, it either exists or it doesn't.
```

```
To disable the progress window, simple place parenthesis
around the tooltype name.
```

```
Examples:
```

```
  PROGRESSWINDOW          The progress window will be shown
  (PROGRESSWINDOW)        No progress window will be shown
```

```
Default:
```

```
  PROGRESSWINDOW
```

1.20 Tooltype: BACKGROUNDPIC

```
BACKGROUNDPIC=
```

```
For OS3.x only.
```

```
This allows you to choose what the progress window's background
picture.  The datatypes.library is used, so you may use any
picture format for which you have the corresponding datatype,
ie. jpeg, gif, ilbm, tiff, targa, pict, pcx, bmp, etc.  Although
since some datatypes are slow, I recommend using ilbm pictures.
```

```
Values:
```

```
     NONE                No picture is used.
     SCREEN              The default Workbench Screen picture is used.
     WINDOWS             The default Workbench Window/Drawer picture is used.
     WORKBENCH           The default Workbench Root (non-backdrop) picture is used ←
        .
     filename            Type the pathname and filename of any picture you want.
```

Default:

```
  BACKGROUNDPIC=WINDOWS
```

Example:

```
  BACKGROUNDPIC=sys:pictures/favoritepic.iff
```

1.21 Tooltype: PREFSPATH

```
PREFSPATH=
```

  Set PREFSPATH to the path of the preferences program.

  Default:

```
  PREFSPATH=SYS:Prefs/WBStartup+Prefs
```

1.22 Tooltype: ALPHABETIZE

```
ALPHABETIZE
```

    If this tooltype exists, the list of programs will be in alphabetical
    order, otherwise it will be in order by priority.

    Examples:

```
    ALPHABETIZE         The list will be alphabetized from A to Z.
    (ALPHABETIZE)       The list will be ordered by priority.
```

1.23 Startup Programs

```
            Tooltypes that WBStartup+ looks at
```

```
    STARTPRI
    WAIT
    TOOLPRI
```

1.24   Tooltype: STARTPRI

```
STARTPRI=
```

  This is the startup priority for each program. The program with the highest
  priority will be loaded and run first.

  The values can be 127 to -128, where 127 has the highest priority and would
  be run first.
  Programs without this tooltype are considered to have a priority of 0.

  Example:

```
    STARTPRI=100
```

  For instance, I gave MagicCopper : STARTPRI=127 since I want that
  ugly plain looking screen to go away as soon as possible.
  And I gave ToolManager : STARTPRI=120 so it will load second, and I will
  have access to all my hotkeys quicker.

1.25   Tooltype: WAIT

```
WAIT=
```

  If a program's icon in the enabled directory has this tooltype, there
  will a delay of xxx seconds after that program is run (before then next
  program in loaded and run).

  Example:

```
    WAIT=3
```

  So after the program with this tooltype is run, there will be a
  3 second delay before the next program is loaded and run.

1.26   Tooltype: TOOLPRI

```
TOOLPRI=
```

  This is the priority that the program is to have after it is loaded.

  Programs with high priorities get use of the CPU more than programs
  with low priorites.

  A priority of 0 is default.

  The maximum priority is 127.
  The minimum priority is -128.

  Most priorities are in the range -5 to 5.
  Usually this should just be 0, or not set.

1.27 Catalogs

```
          Catalogs
```

  The following is a list of catalogs
  and their authors.

```
  Language       1st release      Author

  Dansk          2.7              Jacob Laursen
  Deutsch        2.5              Arno Eigenwillig  with assistance from Hubert  ←
     Feyrer
  Español        2.8              Ernesto Poveda Cortes
  Français       2.5              Eric Sauvageau
  Italiano       2.5              Giacomo Magnini
  Magyar         2.8              készítette Kertai Gábor
  Norsk          2.5              Stian S. Olsen
  Russian        2.8              D.I. Mikhilov
  Suomi          2.7              Arttu E. Kdrpinlehto
  Svenska        2.5              Daniel Stenberg
```

  The current .ct file is included in the locale
  directory. If you would like to see WBStartup+
  in your language, please add your translations to
  that file and email it to me :)

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