

BBInstall

COLLABORATORS

	<i>TITLE :</i> BBInstall		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 22, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

BBInstall

1.1 BBInstall

BBInstall v1.7
Copyright © Karl J. Ots
1st September 1997

Contact Info

BBInsaller is FREEWARE.

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The Full Source
Aminet readme file

BBInstall was written with DICE v2.06.37 (FreeWare)

1.2 Disclaimer

DISCLAIMER:

This program is provided "As Is", with no warrenty, expressed or implied. The auther can in no way be held responsible for any problems this program may cause to either your system or your health.

This program is FreeWare, but © Copyright. You are free to use and distribute it, provided all documents and source code accompany it at all times. You are free to use concepts presented in the source code in your own non-profit purposes, short of recompiling the program with your name on it.

I am trying to make this program, as well as all the others, as stable and bug-free as possible. If you have a problem, contact me at my email address.

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1.3 What is BBInstall?

What is BBInstall?

Not so long ago, I got a disk from some PD company that had a whole lot of programming tools on it. One of these was a description of how the Amiga translates a Boot Block, what it does and what it expects it to return. I was impressed.

The only problem was that the utility included was, in a word, hopeless. It was supposed to convert an executable code into a bootblock but it didn't work, assuming a fixed size for the header info. so I wrote a program to replace it.

BBInstall can install or save trackdisk.device Boot Blocks. It can load executable code or an object file, provided it has only one code hunk. (Actually, it can have as many code hunks as you like. BBInstall will only install the first one). It can also load raw data, and can save either as an executable or as data. It recalculates the checksum on before installing the bootblock.

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1.4 Contact Info

I can be contacted via the following e-mail address:

`fstckjo@lux.stuyhall.latrobe.edu.au`

Check out My Homepage too, if you like.

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1.5 Using BBInstall

BBInstall must be run from the Shell. It accepts the following arguments:

DRIVE/A The drive you want to operate on. This can be any valid trackdisk device ie DF0:-DF3:. Casing is not important,

DF0:, df1:, Df2: and dF3: are all valid arguments.

LOAD/K Specifies the name of the file you wish to load as a BootBlock. This argument can not be used at the same time as SAVE.

SAVE/K Specifies the name of the file you wish to save the BootBlock as. This argument can not be used at the same time as LOAD.

DOSTYPE/N This tells DOS what internal structure the disk has. Currently only following values are used:

0 - OFS Standard	(1.3+)
1 - FFS Standard	(2.0+)
2 - OFS International	(2.1+)
3 - FFS International	(2.1+)
4 - OFS Directory Cache/International	(?) (3.0+)
5 - FFS Directory Cache/International	(?) (3.0+)

BBInstall will 'autodetect' the valid dostype, reading it off the disk before writing a new block, so in most cases you needn't worry about this option. It is ignored if you have specified the SAVE option.

CODE/S With this switch set, BBInstall will LOAD or SAVE an executable instead of data. This means that the standard AmigaDOS hunks are stripped off when loading, or added when saving. Only one CODE hunk will be read or created.

MOVESYS/S One thing you'll find when saving Boot Blocks is that most are written with the assumption that the exec.library base pointer is in register A6. This is true when the Boot Block is loaded and executed at startup, but not when you run the same block you just saved from the disk. So with this switch set, BBInstall will insert a 'MOVEA.L 4.W,A6' instruction at the head of the executable you are saving, or remove it if you are loading (if it exists). MOVESYS has no effect if the CODE option is not set.

NOTE: If you save a Boot Block with the MOVESYS option you must also load it with the MOVESYS option, or BBInstall will tell you that the file is too large to fit in the Boot Block.

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1.6 The History of BBInstall

The History of BBInstall

V1.7 (1st September 1997)
- Initial Release.

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1.7 My Homepage

My WWW Homepage

My programs are all available from my homepage:

<http://lux.studyhall.latrobe.edu.au/~fstckjo>

Just follow the links to Software

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