

BBC MODEL B EMULATOR



When it comes to emulating another computer, you can't do better than the original. Acorn's BBC Model B Emulator for the A3000 and Archimedes range runs version 1.20 of the Machine Operating System of the BBC Model B, so even the few known bugs in the Model B's Operating System are faithfully reproduced!

FOR ARCHIMEDES USERS

You can use the BBC Model B Emulator to help you transfer and run software written for the BBC Model B on the BBC A3000, the Archimedes range or any other computer with RISC OS, provided that you are legally entitled to do so.

Many applications that run on the BBC Master 128 also run on the Model B, so the Model B Emulator provides a bridge of continuity between the 6502-based range of Acorn computers and the ARM-based range of Acorn RISC computers.

FOR SOFTWARE DEVELOPERS

You can use the BBC Model B Emulator to help port and version your existing 6502-based applications for RISC OS, and as a Registered Developer you can obtain a licence from Acorn to incorporate the emulator in your products.

All the issues involved in this process are covered in the supporting *User Guide*, which includes a comprehensive Technical Reference section.

Registered Developers may purchase full BBC Model B Emulator packs, including disc and printed manual. Details and voucher are obtainable from Acorn's ISV Department.

HOW TO ORDER

LEA authorities have been provided with master copies of BBC Model B Emulator and permission to duplicate it for use within educational establishments, so if you want to use it in a school or college, contact your LEA or local IT centre.

If you subscribe to SID (Acorn's Support Information Database), you can 'download' the BBC Model B Emulator software, which includes an electronic version of the *User Guide* which you can read on your computer screen or copy to a printer.

You can also purchase the BBC Model B Emulator disc, which includes the electronic version of the *User Guide*, at a special discounted price. This offer is open until March 31 1991, and you can obtain the disc by writing to:

Acorn Direct
13 Dennington Road
Wellingborough
Northants
NN8 3RL

enclosing your name and address and a cheque for £19.55.

TECHNICAL INFORMATION

BBC Model B Emulator provides a software bridge between the 6502 based range of Acorn computers (the BBC Model B, B+, Master 128, Master Compact and Electron) and the RISC OS environment of the BBC A3000 and Archimedes computers.

It consists of an emulator of the BBC Model B environment, utilities and examples to help port existing 6502-based software to RISC OS and a comprehensive *User Guide*.

!65Host

Enhanced version of the Model B environment emulator.

!65Tube

Emulates a 65C02 second processor.

BBCscan

Utility which searches through a 6502-based BASIC program, highlighting potential problem areas for running the code 'native' on RISC OS.

DFSCnv

Utility for converting DFS directory structures into the format required on an ADFS disc for running under the emulator.

PicCnv

Utility which converts BBC screen files into RISC OS sprites.

UdgCnv

Utility which converts user-defined graphics characters for the BBC Model B into BASIC VDU statements for incorporation into a program.

Testfiles

Example files to illustrate use of the utilities.

HelloWDisc

Simple example of a program written for a 6502-based computer.

!HelloW

The example modified to run 'native' on RISC OS.

!HelloW2

The example modified to run under emulation on RISC OS.

ManualTXT

An electronic version of the *User Guide*, with the chapters as text files which can be read with Edit, and diagrams as Draw files.

ManualDTP

An electronic version of the *User Guide* for use with Acorn Desktop Publisher.

ReadMe

Technical details additional to the *User Guide*.

Every effort has been made to ensure that the information in this leaflet is true and correct at the time of going to press. However, the products described in this leaflet are subject to continuous development and improvement and Acorn Computers Limited reserves the right to change their specification at any time. Acorn Computers Limited cannot accept any liability for any loss or damage arising from the use of any information or particulars in this leaflet.

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