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## PowerPCheck 2.0 documentation - December 1994

### • Shareware - \$5 - cash only

- ◇ This utility is distributed as **shareware**: if you like it please honor the shareware system by sending **\$5** to the author at the address above. Since cashing international cheques is very expensive, please send **cash only** (U.S. dollars are best, but any other currency is fine).
- ◇ If you work on the Macintosh, there are many things you can send me **instead of the money**. Here are some suggestions: **original software** (but don't send any shareware/freeware unless you're the author), **books** or computer-related **magazines** (any free issue or subscription is welcome), **CD-ROMs**, any piece of new or used **hardware**, or anything else you've created.
- ◇ There's still another thing you could do: I'll finish my physics studies sometime in 1996 and I'm looking for a **one-year job** as a programmer (or maybe a scientist?) outside of Italy. Let me know if you have anything to offer.
- ◇ If you can't afford any of the above an **e-mail**, a **postcard** or a **letter** is welcome. I speak English, French and Italian. Please forgive me if I don't answer to all of your letters - I am often overloaded with my school work.

### • Introduction

- ◇ PowerPCheck is a cool **drag & drop** utility that looks for **native PowerPC** code inside applications, control panels, extensions and all other executable files. Version 2.0 can check individual **files** as well as **folders** or entire **disks**; it inspects both the **data fork** and the **resource fork** of each file and creates a detailed **text report** of all the native code it finds.

### • Technical information

- ◇ There are two kinds of resources that contain native PowerPC code: **pure** code resources only contain what is called a **code fragment**, while **accelerated** and **fat** resources have a **routine descriptor** as well. This has nothing to do with performance and doesn't affect end users, but programmers may be interested in this topic; PowerPCheck marks with an **asterisk** all code resources that have a **routine descriptor**.
- ◇ PowerPCheck uses a simple method to **speed up** file scanning: the 'TYP#' 128 resource contains a list of **file types to skip**, and the 'TYP#' 129 resource contains a list of **resource types to skip**. You may add (or remove) file and resource types with ResEdit if you know what you're doing. Note that PowerPCheck also skips all files that have an empty resource fork.

### • Version history

- ◇ **2.0** - First **shareware** release; rewritten from scratch, now scans folders and disks and inspects resources.
- ◇ **1.2.1** - Cleaned up the code and updated documentation.
- ◇ **1.2** - Fat version! Runs **native** on Power Macs.
- ◇ **1.1** - Rebuilt with new versions of the compiler (never released).
- ◇ **1.0** - First public release.

### • Distribution

- ◇ PowerPCheck is ©1994 Alessandro Levi Montalcini. It can be freely distributed as long as it is not modified and there's no charge for it, but it may not be included in any commercial package without my consent.
- ◇ You may find the latest version of all my shareware programs by anonymous ftp to **ftp.alpcom.it**, inside the **/software/mac/LMontalcini** directory. The complete **ShareDisk** package, which contains all my stuff and can be registered at a very low price, is also available there.
- ◇ All **online services** and **bulletin boards** may make it available to their users at no charge other than the normal connection fees.
- ◇ All non-profit **user groups** may distribute it at no charge.
- ◇ All **magazines** may publish it on floppy disk without asking me first, as long as I get a copy of the issue containing my software.
- ◇ All **CD-ROM shareware collections** and **CD-ROM magazines** may include it without my prior consent, as long as I get either a copy of the CD-ROM or an offer to buy the CD-ROM at a discounted price.
- ◇ All **redistribution companies** such as Educorp may distribute it, as long as I get a copy of each media containing my software and a catalog of the company's offerings (where applicable).

- Disclaimer

◇ PowerPCheck shouldn't cause any damage, but you're using it at your own risk. As an independent software developer, I can make **no warranties** whatsoever on it.

- Have fun!

◇ And don't forget to **\$\$\$ send your contribution \$\$\$** so that more cool utilities will see the light in the near future, at the low-low-low costs of shareware.