



debian

**lava, cozinha, passa e...
funciona embutido!**

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debian como metadistro

o que é?

prover infraestrutura para criação de distros filhas, totalmente baseadas nela ou não

por quê?

- grande número de pacotes binários
- quantidade de arquiteturas suportadas
- ferramentas nativas pra tudo que é tarefa
- debian é debian em qualquer lugar

distros .deb famosas

linspire, ubuntu e knoppix



e mais outras 35, pelo menos...

debian para todos

desktops: telecentros de são paulo, infocentros da bahia, ubuntu, linspire etc...

servidores: dreamhost.com (60 mil sites somente em woody ou sarge e se recusam a usar windows)

cdds: Debian-BR-CDD, DebianGIS, Debian {Junior, Lex, Med}, DeMuDi, Skolelinux, Ichthux

e é claro, para outras arquiteturas...

debian embutido

realidade:

- não são debian por inteiras (e.g. ipkg)
- ausência de ferramentas do debian
- o jeito debian atrapalha também (dpkg info)
- todo mundo faz o que quer com o debian

emdebian:

- toolchains e métodos debian de criação
- policy própria mesclando debian com embedded
- projeto oficial do debian, e bem antigo

outros debians embutidos

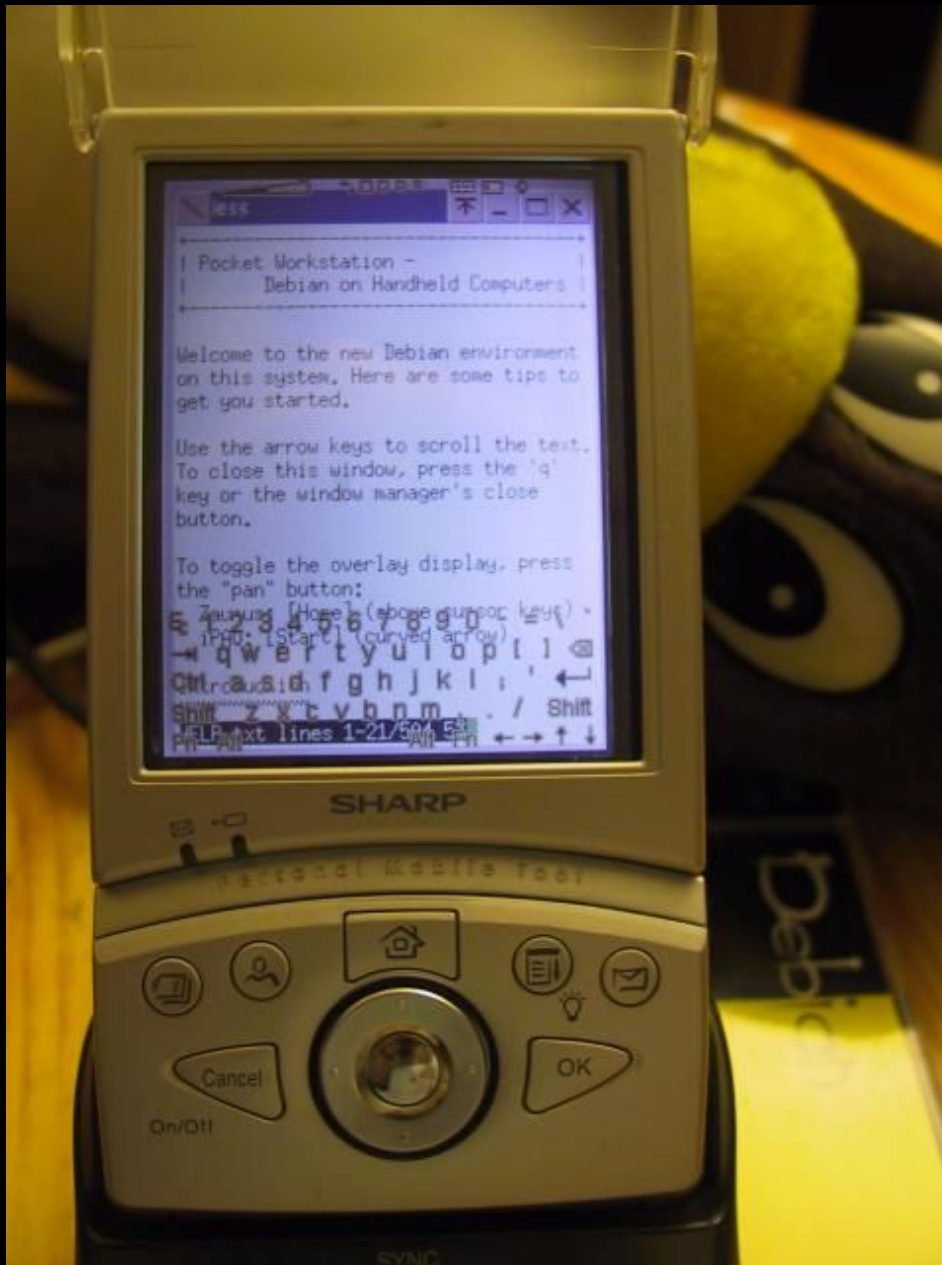
intimate: debian arm para o iPaq (2003)

pocketworkstation: debian pro Zaurus, roda em um chroot, complementando a ROM (2005)

openzaurus.org: focado nos Zaurus lançados pela Sharp (openembedded.org)

familiar linux: usa busybox e versão estripada do dpkg/apt (itsy pkg, ou ipkg), além de modificar outras coisas como info de pacotes e scripts

fotos dos monstinhos



atividades da nokia no meio

"We consider Debian to be the most advanced and most alive, truly open-source distribution. It is important that Linux for the 770 is not controlled by any company."

"We go straight to the source. None of the distros were ready for Nokia hardware anyway, and we have internal expertise, so why go through a commercial vendor?"

"We are in this for the long run. Too many middle men is not a good strategy"

projetos da nokia com debian

Scratchbox: framework GPL de desenvolvimento para outras arquiteturas (como ARM, SH e MIPS) baseado no Debian (mas isso não é limitação)



Maemo: ambiente em GTK feito especialmente para dispositivos da Nokia, totalmente livre e tem um bocado de brasileiros trabalhando nele :-)



Tablet 770: usa debian de verdade!

nokia 770



mais tranqueiras

Cisco/Linksys NSLU2: armazenamento transparente pra redes (aceita firmware Debian para brincadeiras desde um servidor iTunes até Asterisk PBX para VoIP)



bizarrices debian

Pergunta: Até que ponto vai um sistema Debian?

Resposta: debtakeover; que converte para um ambiente Debian “limpo”, máquinas rodando Gentoo, Red Hat ou SuSE, bem funcional e com backups. Um passo bem interessante numa migração...

Ou tente outros kernels...

**Debian kNetBSD
kFreeBSD**

bizarries debian

The screenshot shows a Debian desktop environment with a green background. The desktop has several icons: Bluefish, Phoenix, Cd-Rom, Shared, D4X, Sylpheed, Disquete, and VMware. A terminal window titled 'xterm' is open, displaying the output of the command 'apt-cache show searchandrescue-common'. The terminal output shows the package details for 'searchandrescue-common', including its priority, section, installed size, maintainer, architecture, source, version, conflicts, filename, size, MD5sum, and description. A red arrow points from the 'Sylpheed' icon to the terminal output. Another red arrow points from the 'Disquete' icon to the terminal output. A third red arrow points from the 'VMware' icon to the terminal output. The terminal also shows the output of the command 'cat /etc/slackware-version', which displays the Slackware version '8.1'. The terminal window has a title bar with the text 'xterm' and standard window control buttons. The desktop background features a cartoon character with large eyes and a wide smile.

```
xterm

This game is intended for players of all audiences, but especially for mature
players who want to get away from the violence and still retain a level of
precise challenge. Flight difficulty can be lowered for beginners (regardless
of mission type), and graphics minimized to suit slower computers
(minimum Pentium 166 with no graphics acceleration).

+
This package has been configured to depend on libjsv for joystick support and
libY2 for sound support. However, neither a joystick nor sound support is
necessary to enjoy the game. (See README.Debian for more information.)
+
http://wolpack.twu.net/SearchAndRescue/

(calvino1982) militux [05:06:56]
~ apt-cache show searchandrescue-common
Package: searchandrescue-common
Priority: extra
Section: games
Installed-Size: 19676
Maintainer: Phil Brooke <pjb@debian.org>
Architecture: all
Source: searchandrescue
Version: 0.7.20-7
Conflicts: sar, searchandrescue (<< 0.7.20-7)
Filename: pool/main/s/searchandrescue/searchandrescue-common_0.7.20-7_all.deb
Size: 7414332
MD5sum: 0968a402fd5407f621d56f9ebb981067
Description: Common files and documentation for SearchAndRescue
Tired of scores indicating things destroyed or lives snuffed? Try something
different -- fly a helicopter around and rescue people in distress. If you
werein trouble wouldn't you want someone to rescue you?
+
This package contains the documentation and architecture independent
(common) files.
+
Homepage: http://wolpack.twu.net/SearchAndRescue/

(calvino1982) militux [05:07:15]
~ bc
bc 1.06
Copyright 1991-1994, 1997, 1998, 2000 Free Software Foundation, Inc.
This is free software with ABSOLUTELY NO WARRANTY.
For details type 'warranty'.
7414332 / 1024
7240
exit
0
quit

(calvino1982) militux [05:10:44]
~ cat /etc/slackware-version
Slackware 8.1

(calvino1982) militux [05:12:45]
~
```

X-Chat [1.8.10]
X-Chat Windows User Modes Settings Scripts & Plugins
Hit http://non-us.debian.org unstable/non-US/main Packages
Hit http://non-us.debian.org unstable/non-US/main Release
Hit http://non-us.debian.org unstable/non-US/contrib Pack
Hit http://non-us.debian.org unstable/non-US/contrib Rele
Hit http://non-us.debian.org unstable/non-US/non-free Pac
Hit http://non-us.debian.org unstable/non-US/non-free Rel
Hit http://download.us.kde.org ./ Packages
Ign http://download.us.kde.org ./ Release
Hit http://download.us.kde.org ./ Sources
Ign http://download.us.kde.org ./ Release
Hit http://ftp.br.debian.org unstable/non-US/main Sources
Hit http://ftp.br.debian.org unstable/non-US/main Release
Hit http://ftp.br.debian.org unstable/non-US/contrib Sour
Hit http://ftp.br.debian.org unstable/non-US/contrib Rele
Hit http://non-us.debian.org unstable/non-US/main Sources
Hit http://non-us.debian.org unstable/non-US/main Release
Hit http://non-us.debian.org unstable/non-US/contrib Sour
Hit http://non-us.debian.org unstable/non-US/contrib Rele
Hit http://ftp.br.debian.org unstable/non-US/non-free Sol
Hit http://ftp.br.debian.org unstable/non-US/non-free Rel
Get:1 http://ftp.br.debian.org unstable/main Packages [23
Hit http://non-us.debian.org unstable/non-US/non-free Sou
Hit http://non-us.debian.org unstable/non-US/non-free Rel
39% [1 unstable/main 909595/2332kB 39%]
calvino.freenode.net bash #slackware-br #oswd #offtopic-br #kerr

caio1982 has left this server.
(Read error: 104 (Connection reset by peer))

caio1982 ARROBA gmail PONT0 com
<http://caio.ueberalles.net>



DEC Alpha



Sun/CobaltMIPS





**Via Eden ou C3,
processadores x86**





Indigos MIPS da SGI

Apple Mac Mini (PowerPC)





**IBM S/390
zSeries**

