What is Debian GNU/Linux?

Debian is a free operating system for your computer. Debian is currently based on the Linux kernel and includes more than 59,000 packages of utilities and applications. This is far more software than is available for any other Free operating system. Ten architectures and variants are supported, including 32-bit and 64-bit PCs. Since 1993, volunteer developers (currently more than 1,000) are working on maintaining Debian's high quality.

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The Universal Operating System

- **Freedom** As stated in the Debian Social Contract, Debian is comprised entirely of Free Software. By Free Software, we don't just mean zero cost, but also the Freedom to use it how and where you want, share it with your friends, read and modify the source code, and distribute those changes to other people.
- **Continuity** The Debian packaging system permits a seamless transition to newer program versions without the requirement to begin a new installation from scratch, and it won't delete your old configuration files. Dependencies between programs are handled automatically: if a package which you want to install requires another package, the installer takes care of it. You can install and upgrade using BluRay discs, DVDs, CDROMs, USB sticks, or using a network connection, whatever suits you best.
- **Security** Debian is secure by default, and easily adjustable in case of really extreme security demands. It is easy to install a Debian system with just very little software. When a security problem is found, the Debian Security Team releases packages with backported security fixes, generally within 48 hours. With the help of the Debian package management system, it is therefore easy even for an inexperienced administrator to keep up to date with security. This service is available to anyone for free.
- **Quality** Thanks to the personal commitment of Debian developers, package quality is unequalled. Keeping this standard up is furthermore helped by the Debian Policy Manual, which describes exactly how packages should behave and interact with the system. A package which violates the policy will not be included in the official stable Debian release. Another aid in quality assurance is the open Debian bug tracking system. Debian does not hide problems. Debian has no commercial pressure and will not release a new and possibly unstable version just because the market requires it.

Included with Debian GNU/Linux

The complete Debian GNU/Linux distribution consists of at least 12 DVDs, 74 CDs or 3 BDs. These discs hold just the architecture-dependent precompiled binaries; the sources are available on separate media. Inside you'll find:

- the full set of GNU utilities, editors (Emacs, vi, ...), network clients (chat, filesharing, ...), web browsers (including Chromium, as well as Firefox and other Mozilla products), privacy tools (gpg, ssh, ...), email clients, and every little tool you can think of;
- full set of network protocols (IPv4, IPv6, PPP, SMB network neighbourhood, ...);
- development tools for major programming languages like C, C++, C#, Objective-C, Java, Python, Perl, PHP, Ruby, and many of the more obscure ones as well;
- the graphical X Window System, complete with dozens of window managers and the leading desktops: GNOME, MATE, KDE, Cinnamon, XFCE and LXDE.
- the TEX/LATEX document preparation system, PostScript™ and Type1 fonts and tools, the Ghostscript PostScript™ interpreter, and a complete XML/SGML/HTML development environment;
- GIMP, the GNU Image Manipulation Program (a free alternative to Photoshop™);
- a complete set of office applications, including the LibreOffice productivity suite, Gnumeric and other spreadsheets, WYSIWYG editors, calendars;
- relational databases, like PostgreSQL, MySQL, MariaDB, and development tools (application servers, server side scripting languages).

Want to know more?

Simply point your browser at `http://www.debian.org/`. For more information or help you can join the IRC channel #debian on `irc.debian.org`, or one of the Debian mailing lists. See `http://www.debian.org/MailingLists/subscribe` for instructions. Furthermore there are lots of unofficial user forums.
To install Debian GNU/Linux, you can download a single install CD from `http://www.debian.org/distrib/` and use it to start a network install; or order (or burn) some Debian DVDs/CDs. Debian does not sell media itself, but provides Official DVD/CD images that numerous vendors print and sell. For details about the Official DVD/CD images simply go to `http://www.debian.org/CD/`.

This flyer was made on July 6, 2019
using LATEX and a Debian system.

Printing of this flyer was made possible by your donations.

Hvad er Debian GNU/Linux?

Debian er et frit styresystem til din computer. Debian er baseret på Linux-kernen og består af flere end 59.000 pakker med værktøjer og programmer. De omfatter langt flere programmer, end man finder på noget andet frit styresystem. Debian understøtter adskillige computerarkitekturer, herunder Intel x86, Intel IA-64, Alpha, Motorola 68k, PowerPC og Sun Sparc. Næsten 1000 frivillige udviklere arbejder på at opretholde Debians høje kvalitet.

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Det universelle styresystem

- **Frihed** Som fastsat i Debians Sociale Kontrakt består Debian udelukkende af Fri Software. Med Fri Software mener vi ikke kun at programmerne er gratis, men også at det står dig frit at bruge dem hvor du vil, dele dem med dine venner, læse og rette i kildekoden samt videregive egne ændringer til andre.
- **Kontinuitet** Debians pakkesystem giver en nem overgang til nye programversioner, uden at du skal starte forfra med installationen, og opgraderinger bevarer din oprindelige opsætning. Afhængigheder mellem programmer håndteres automatisk. Hvis en pakke, du ønsker at installere, afhænger af en anden pakke, vil installationsprogrammet tage hånd om dette. Du kan installere og opgradere fra en harddisk, cd-rom eller via nettet.
- **Sikkerhed** Debian har som udgangspunkt sikre indstillinger, og kan let justeres, hvis du har ekstreme sikkerhedsbehov. Det er let at installere et Debiansystem med meget få programmer. Når et sikkerhedsproblem konstateres, udgiver Debians Sikkerhedsgruppe pakker med den oprindelige version af programmet med tilbageførte sikkerhedsrettelser. Det sker ofte indenfor 48 timer. Ved hjælp af Debians pakkehåndteringssystem er det derfor nemt for erfarne administratorer at holde systemet sikkerhedsmæssigt opdateret. Denne service er gratis for alle.
- **Kvalitet** Debianudviklernes personlige engagement gør at pakkernes kvalitet er uden sidestykke. Debians Retningslinjer hjælper yderligere med at holde denne høje standard ved at beskrive nøjagtig hvordan pakker skal opføre sig og fungere overfor systemet. Pakker, der ikke overholder disse retningslinjer, bliver ikke indlemmet i officielle stabile Debianudgivelser. En yderligere hjælp til kvalitetssikringen udgøres af Debians fejlsporingssystem. Debian skjuler ikke problemer. Debian ligger ikke under for noget kommercielt pres og vil ikke udgive nye potentielt ustabile programversioner, blot fordi markedet kræver det.

Dette får du med Debian GNU/Linux

Den samlede Debian GNU/Linux-distribution fylder mere end 10 cd'er. Disse cd'er indeholder endda kun programmerne oversat til én bestemt computerarkitektur. Der skal mange flere cd'er til for at få kildekoden med. De indeholder bl.a.:

- den komplette samling GNU-redskaber, editorer (Emacs, vi ...), netværksklienter (chat, fildeling, ...), browsere (bl.a. Mozilla-browserne), sikkerhedsprogrammer (gpg, ssh ...), e-post-programmer og alle de småredskaber, du kan ønske dig
- understøttelse af de fleste netværksprotokoller (PPP, IPv4, IPv6, SMB-netværk, ...)
- udviklingsredskaber til alle større programmeringssprog såsom: C, C++, Objective-C, Java, Python, Perl samt nogle af de mere obskure
- det komplette grafiske X11 Window System med dusinvis af vindueshåndteringer og de to førende skrivebordsmiljøer GNOME og KDE
- sats-systemet TeX/LaTeX, PostScript™ og Type1-skrifter og -redskaber, PostScript™-fortolkeren Ghostscript samt et komplet udviklingsmiljø til XML/SGML/HTML
- GIMP, "GNUs billedbehandlingsprogram" (et frit alternativ til Photoshop™)
- en komplet samling kontorprogrammer, herunder kontorpakken OpenOffice.org, Gnumeric og andre regneark, WYSIWYG-tekstbehandlere og kalendere
- relationsdatabaser som PostgreSQL og MySQL samt udviklingsredskaber (applikationsservere, server-side skriptsprog)

Vil du vide mere?

Besøg hjemmesiden `http://www.debian.org/`. Du kan også gå ind på IRC-kanalen #debian på `irc.debian.org` eller tilmelde dig Debians postlister. Se hvordan du gør på `http://www.debian.org/MailingLists/subscribe`. Der findes flere uofficielle brugerfora. F.eks. det dansksprogede `debianforum.dk` Du kan hente installationsdisketter fra `ftp://ftp.debian.org/` og installere resten via nettet, eller bestille (eller selv brænde) nogle Debian-cd'er. Debian sælger ikke selv cd'er, men udarbejder officielle cd-aftryk, som adskillige firmaer trykker og sælger. Læs mere om de officielle cd-aftryk på `http://www.debian.org/CD/`).

Denne brochure er lavet ved hjælp af LaTeXog et Debiansystem.

Trykning af denne brochure er sponseret af