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 120,000 packages of utilities and applications, build from almost 70,000 source packages. Seven architectures are supported; Debian runs on PCs, laptops, virtual machines and cloud instances. Since 1993, volunteer developers (currently more than 1,000) are working on maintaining Debian's high quality.

debian

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 Blu-rays, DVDs, 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 fully automatically 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. Other aids in quality assurance are Debian's automatic testing and CI/CD systems, as well as 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 distribution consists of over 1 TB of installable software packages for each supported architecture (counting all of the 5 published releases: from oldoldstable to unstable) along with over 100 GB of corresponding source code (compressed). Among these 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 (sq, gpg, ssh, ...), email clients, and every little tool you can think of;
- full set of network protocols (IPv4, IPv6, PPP, SMB, ...);
- development tools for major programming languages like C (via both GCC and LLVM/Clang), Rust, Go, Python, PHP, Ruby, and many of the more obscure ones as well;
- the graphical X and Wayland Window Systems, complete with dozens of window managers and the leading desktops: GNOME, KDE Plasma, LXDE, LXQt and Xfce.
- the TEX/LATEX document preparation system, a complete XML/HTML development environment, and dozen of Markdown tools;
- GIMP, the GNU Image Manipulation Program (a free alternative to Photoshop™), as well as Krita and Inkscape;
- a complete set of office applications, including the LibreOffice productivity suite, GNUcash, Gnumeric and other spreadsheets, WYSIWYG editors, calendars;
- relational databases, like PostgreSQL and MariaDB, and development tools (application servers, server side scripting).

Want to know more?

Simply point your browser at `https://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 `https://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 image from `https://www.debian.org/` and use it to start a network install. Or you can order or create Debian install media. Debian does not sell media itself, but provides Official USB/Blu-ray/DVD/CD images that numerous vendors print and sell. For details about the Official images, go to `https://www.debian.org/CD`. Debian also offers cloud images for OpenStack, Amazon EC2, Microsoft Azure and other cloud providers at `https://cloud.debian.org/`.

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debian

Det universelle styresystem

Hvad er Debian GNU/Linux?

Debian er et frit styresystem til din computer. Debian er baseret på Linux-kernen og består af flere end 120.000 pakker med værktøjer og programmer, bygget fra næsten 70.000 kildepakker. Syv arkitekturer understøttes; Debian kører på PC'er, laptops, virtuelle maskiner og instanser i skyen. Siden 1993 arbejder frivillige udviklere (for nuværende mere end 1000) på at opretholde Debians høje kvalitet.

- **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 Blu-ray, DVD'er, en USB-nøgle eller via nettet alt efter hvad du foretrækker.
- **Sikkerhed** Debian har som udgangspunkt sikre indstillinger, og de 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 selv for uerfarne 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 automatiske tests og CI/CD systemer, samt 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 består af mere end 1 TB softwarepakker for hver understøttet computerarkitektur (inklusiv alle 5 udgivne versioner fra oldoldstable til unstable), samt over 100 GB af tilsvarende kildekode (komprimeret). De indeholder bl.a.:

- den komplette samling GNU-redskaber, editorer (Emacs, vi ...), netværksklienter (chat, fildeling, ...), browsere (bl.a. Chromium, Firefox og andre Mozilla-produkter), sikkerhedsprogrammer (sq, 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 (via både GCC og LLVM/Clang), Rust, Go, Python, PHP, Ruby, samt mange af de mere obskure;
- det grafiske X11 Window System og Wayland med dusinvis af vindueshåndteringer og de førende skrivebordsmiljøer GNOME og KDE Plasma, LXDE, LXQt og Xfce;
- sats-systemet TEX/LATEX, et komplet udviklingsmiljø til XML/HTML og dusinvis af Markdown-værktøjer;
- GIMP, "GNUs billedbehandlingsprogram" (et frit alternativ til Photoshop™), samt Krita og Inkscape;
- en komplet samling kontorprogrammer, herunder kontorpakken LibreOffice, GNUcash, Gnumeric og andre regneark, WYSIWYG-tekstbehandlere og kalendere;
- relationsdatabaser som PostgreSQL og MariaDB 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 også flere uofficielle brugerfora.

Du kan hente et installationsaftryk fra `https://debian.org` og bruge det til at starte en netværksinstallation. Eller du kan bestille eller skabe et Debian installationsmedie. Debian sælger ikke selv installationsmedier, men leverer officielle USB/Blu-ray/DVD/CD aftryk, som adskillige firmaer trykker og sælger. Læs mere om de officielle aftryk på `http://www.debian.org/CD/`. Debian tilbyder også aftryk til brug i skyen til OpenStack, Amazon EC2, Microsoft Azure og andre udbydere på `https://cloud.debian.org/`.

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