



CANONICAL

&

Ubuntu

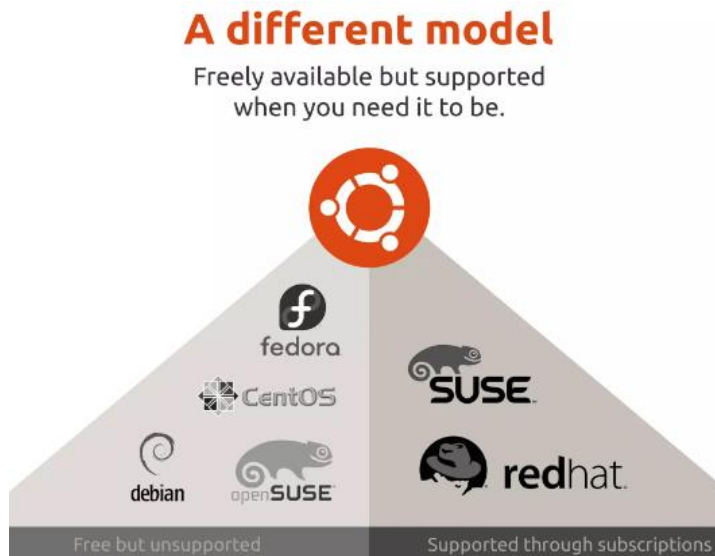
Guilherme Fontana
Ricardo Ribeiro
Thiago Rocha

> Ubuntu como Software



- > Baseado no Debian com foco em facilidade de uso e acessibilidade.
- > Objetivo Principal: Capturar usuários novos e avançados, com facilidade de uso e poder computacional.
- > Todas as aplicações de software instaladas por padrão são de código aberto.
- > 2004 – 2010: Crescimento e popularidade da distribuição, focando em interface amigável e comunidade ativa.
- > 2010 – 2017: Dificuldades financeiras após investimentos ruins.
- > 2017 – presente: Foco em tecnologias de servidores e IoT.

> Canonical: Empresa por trás do Ubuntu



> Fundada em 2004 por Mark Shuttleworth.

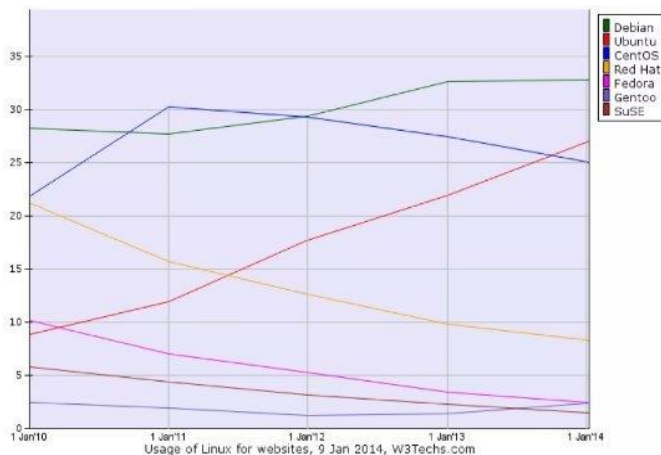
> Empresa responsável pelo desenvolvimento e manutenção do Ubuntu.

> Dificuldades financeiras até 2017.

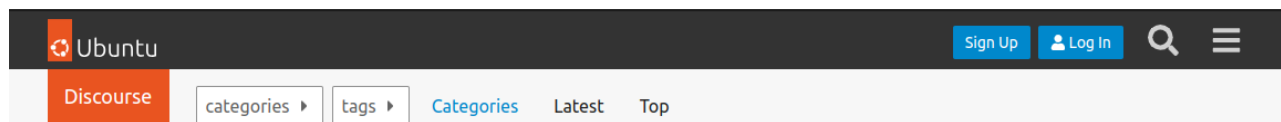
> Foco atual em suporte profissional e cloud computing.

>> Desenvolvimento do Juju, MAAS e contribuidora da OpenStack e Kubernetes.

> \$ 251.000.000 de receita em 2023 (80% do Ubuntu Pro).



> Contribuições Ubuntu para FOSS



> Acesso gratuito e Código aberto

Welcome to the Ubuntu Community Discourse!

This is a space for discussions around Ubuntu, the community and the projects that bring them all together. We strive to keep this a welcoming and safe place for our community and therefore follow a simple [Code of Conduct](#).

If you're looking for technical support, please check out this [topic](#).

Category	Topics	LATEST
Announcements This category is for announcements related to Ubuntu in general and this site in particular.	9	Welcome to the Ubuntu Community Discourse 0 Feb 2019
Introductions New to the Ubuntu project? Whether you're a volunteer contributor or a Canonicaler, you're part of the community, and we're glad to have you.	34	Buntu Weekly Newsletter Issue 866 0 ■ Ubuntu Weekly News 2h
Community This category is for discussion and coordination of community-related activities. ■ Community Council ■ Community Council Documentation ■ Community Council Meetings ■ UbuntuOnAir ■ Membership ■ Matrix	375	Websockets 14.0 breaks python-libjuju < 3.5.2.1 0 ■ High Performance Computing community 3h
Desktop A place to discuss the Ubuntu Desktop. ■ Snap Store ■ Team Updates ■ Theme Refresh ■ Ubuntu Unity Development	1.4k	Configure core dumps 0 ■ Ubuntu Core docs 3h
Documentation Community Contribution and Help information migrated	157	Please try out dracut 21 ■ Foundations dracut, initrd 4h
		Ubuntu membership process - A few thoughts 8 ■ Membership 4h
		New Gaming Computer Build Using Ubuntu 24.10 0 ...

> Facilidade de uso: Experiência Linux

> Comunidade Global ativa

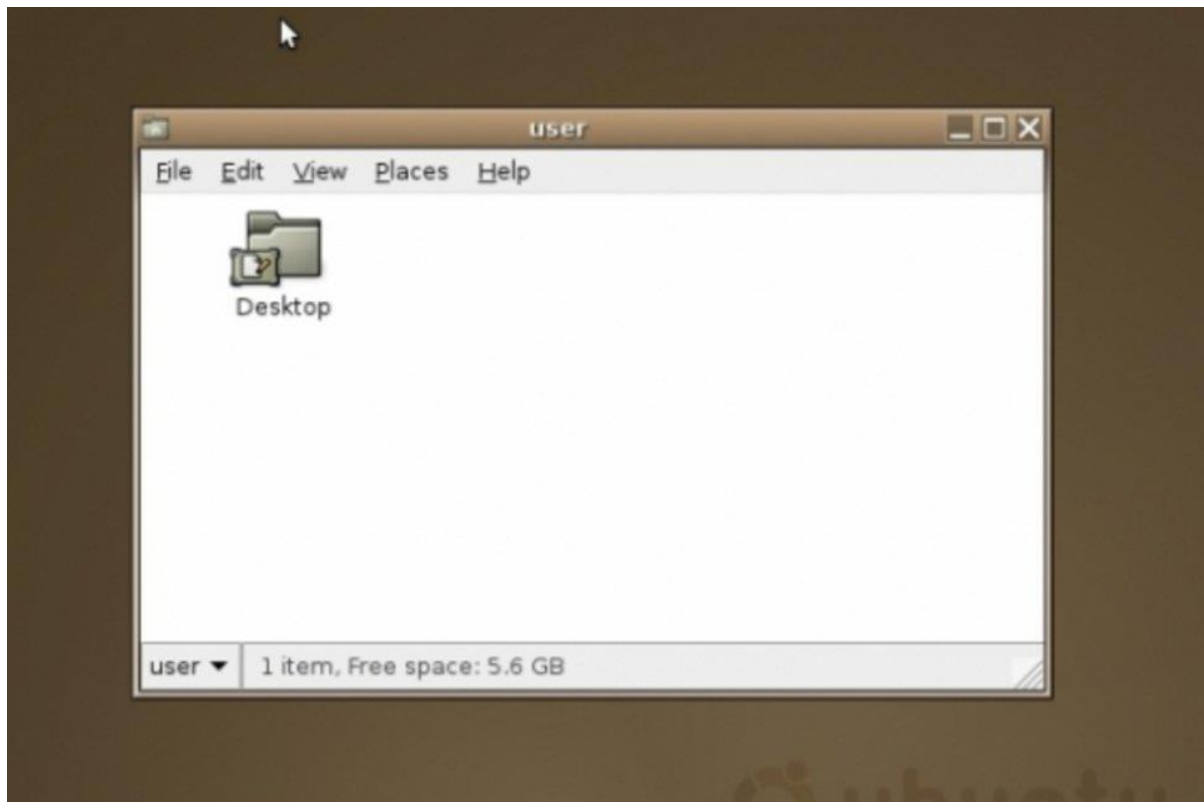
- "Discourse" da comunidade

> Infraestrutura de desenvolvimento

- Launchpad para gerenciamento de projetos
- Snapcraft para distribuição de aplicativos

> Contribuições Upstream

> Principais Versões e Inovações



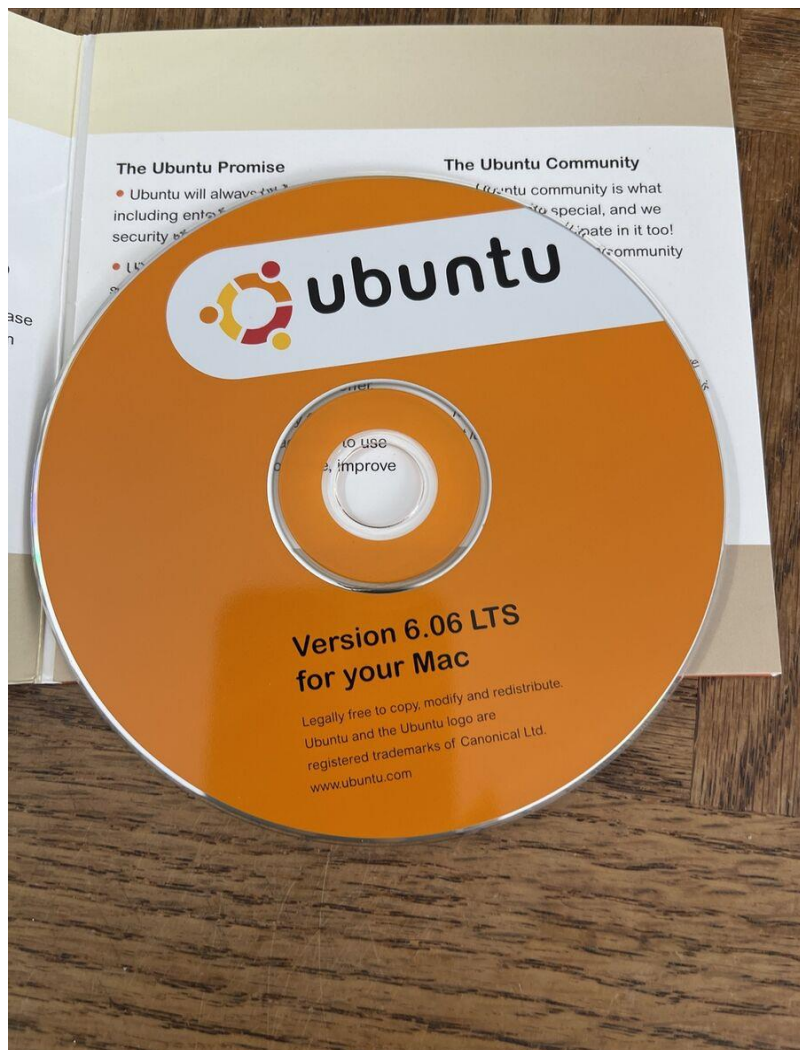
Primeira versão Ubuntu 4.10

> Lançada em 2004

> Conhecida como Warty Warthog

> Possibilidade de solicitar CDs físicos gratuitamente através do programa ShipIt

> Principais Versões e Inovações



> Lançada em 2006

> Conhecida como Dapper Drake

> Primeira versão com LTS (Suporte a longo prazo)

> Principais Versões e Inovações



> Lançada em 2016

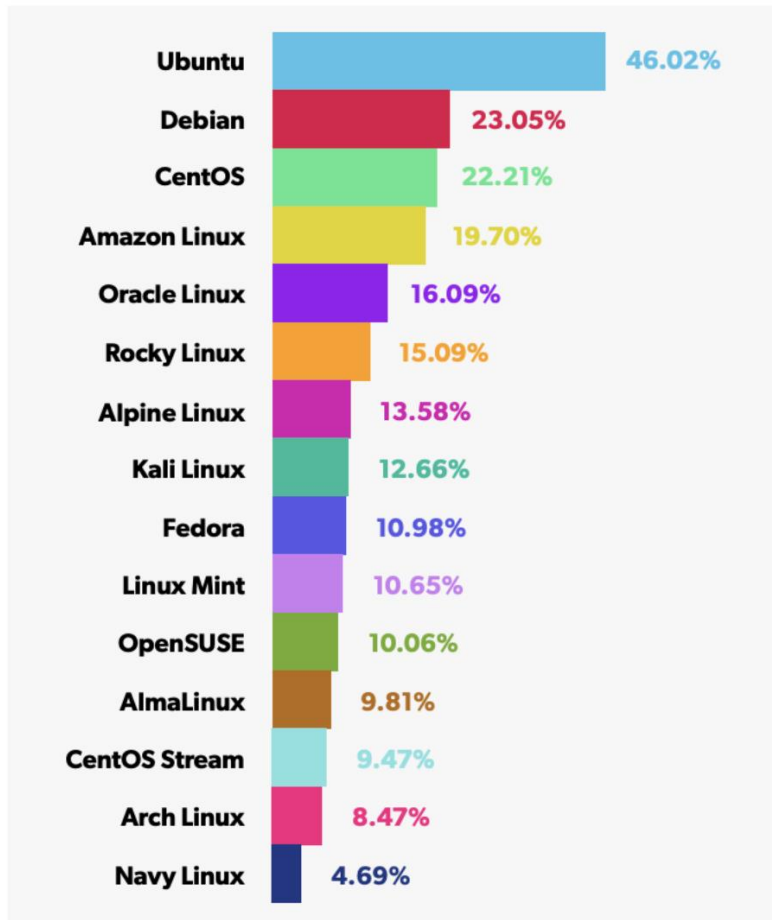
> Conhecida como Xenial Xerus

> Introdução dos SNAPS: Boom de crescimento de usuários.

> Uma das versões mais populares do ubuntu

> Centralização & Como contribuir

Which Open Source Linux Distributions Does Your Organization Use Today?



> Centralização do ubuntu

> Controle das decisões pela canonical

> Decisões polêmicas por parte da empresa

>> Unity x GNOME (Ubuntu 11.04 – Ubuntu 17.10)

>> Snap (2016)

> Desafios Enfrentados pela Canonical e o Ubuntu

> Concorrência com outras distribuições

> Manutenção de pacotes e suporte a vários dispositivos

> Centralização & Como contribuir

The screenshot shows the Ubuntu website with the following elements:

- Header:** Ubuntu logo, "Log in / Register" link.
- Navigation:** Overview (selected), Code, Bugs, Blueprints, Translations, Answers.
- Registration:** "Registered by Ubuntu Technical Board on 2005-12-31".
- Text:** "Ubuntu is a complete Linux-based operating system, freely available with both community and professional support." and "Ubuntu also includes a wide variety of software through its network of software repositories. Once your system is installed you can simply call up a list of all the existing tools out there and choose any of them for immediate installation over the internet."
- Packages:** Search bar with "Find a Package" button.
- Distribution information:**
 - Maintainer:** Ubuntu Technical Board
 - Driver:** Ubuntu Drivers
 - Members:** Ubuntu Members
 - Mirror admins:** Ubuntu Mirror Admins
 - OCI project admins:** None
 - Security admins:** Ubuntu Security Team
 - Code admins:** git-ubuntu import
 - Uploaders:** Ubuntu Core Development Team (main), Ubuntu Core Development Team (restricted), MOTU (universe), MOTU (multiverse), Canonical Partner Developers (partner)
- Active series and milestones:**
 - 25.04 "Plucky" series** - development. Milestones: plucky-updates, ubuntu-25.04, ubuntu-25.03, ubuntu-25.04-beta, ubuntu-25.02, ubuntu-25.04-feature-freeze, ubuntu-25.01, ubuntu-24.12, and ubuntu-24.11
 - 24.10 "Oracular" series** - current. Milestones: oracular-updates
 - 24.04 "Noble" series** - supported. Milestones: noble-updates and ubuntu-24.04.1
 - 22.04 "Jammy" series** - supported. Milestones: jammy-updates and ubuntu-22.04.5
 - 20.04 "Focal" series** - supported. Milestones: focal-updates, ubuntu-20.04.6, ubuntu-20.04.5, and ubuntu-20.04.4
 - 18.04 "Bionic" series** - supported. Milestones: bionic-updates
 - 16.04 "Xenial" series** - supported
 - 14.04 "Trusty" series** - supported. Milestones: ubuntu-14.04.6
- Get Involved:** Report a bug, Ask a question, Help translate, Register a blueprint.
- Announcements:**
 - Ubuntu 24.10 (Oracular Oriole) released on 2024-10-10**: Ubuntu 24.10, codenamed "Oracular Oriole", is here. This release continues Ub...
 - Ubuntu 24.10 (Oracular Oriole) Beta released on 2024-09-20**: Ubuntu 24.10, codenamed "Oracular Oriole", continues Ubuntu's proud tradition...
 - Ubuntu 24.04 LTS (Noble Numbat) released on 2024-04-25**: Ubuntu 24.04 LTS, codenamed "Noble Numbat", is here. This

<https://launchpad.net/ubuntu>

> Várias formas de contribuir

> Contribuição de código:

- >> **Launchpad**
- >> GitHub e GitLab
- >> Desenvolvimento de Pacotes

> Controle de qualidade (QA)

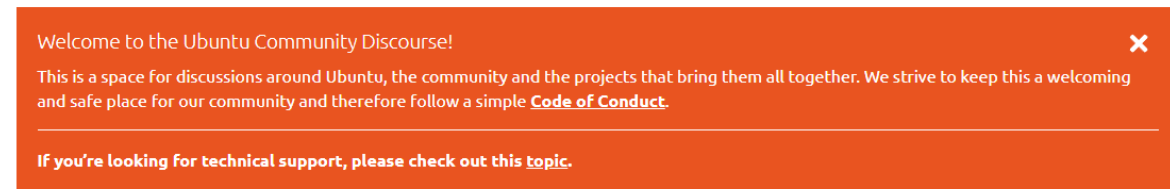
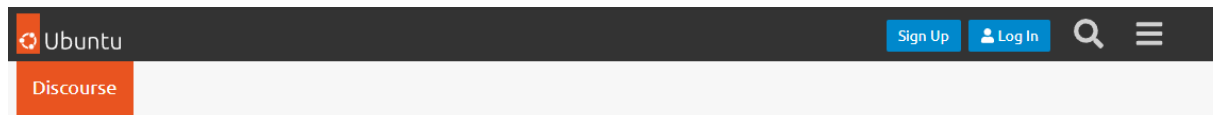
- >> Teste de versões Beta
- >> Testes automatizados
- >> Reportar Bugs

> Documentação e Tradução

- >> Escrever e atualizar documentação técnica e para os usuários
- >> Tradução por meio do Launchpad

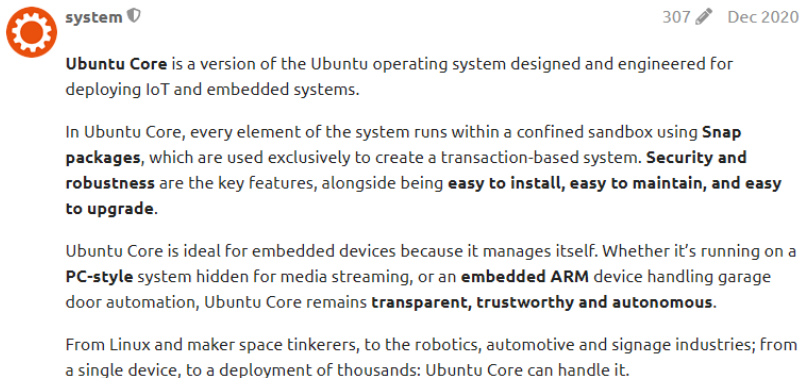
> Centralização & Como contribuir

> Discourse

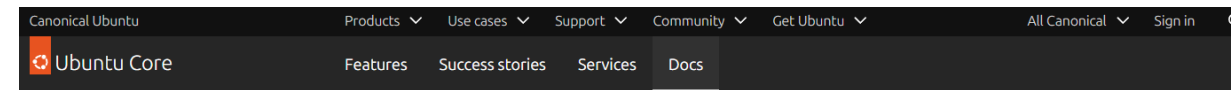


📌 Ubuntu Core documentation

■ Ubuntu Core docs



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Sep 2023



Search on Ubuntu Core Docs

Ubuntu Core documentation

New: Ubuntu Core 24

Tutorials

Get started >

How-to guides

Using Ubuntu Core

Image creation >

Manage Ubuntu Core >

Container deployment >

Reference

System requirements

Testing platforms

Gadget snap format

Kernel boot parameters

Ubuntu Core documentation

Ubuntu Core is a version of the Ubuntu operating system designed and engineered for deploying IoT and embedded systems.

In Ubuntu Core, every element of the system runs within a confined sandbox using Snap packages, which are used exclusively to create a transaction-based system. Security and robustness are the key features, alongside being easy to install, easy to maintain, and easy to upgrade.

Ubuntu Core is ideal for embedded devices because it manages itself. Whether it's running on a PC-style system hidden for media streaming, or an embedded ARM device handling garage door automation, Ubuntu Core remains transparent, trustworthy and autonomous.

From Linux and maker space tinkerers, to the robotics, automotive and signage industries; from a single device, to a deployment of thousands: Ubuntu Core can handle it.

In this documentation

Tutorials

Get started - a hands-on introduction to Ubuntu Core for new users

How-to guides

Step-by-step guides covering key operations and common tasks

<https://discourse.ubuntu.com/t/ubuntu-core-documentation/19764>

<https://ubuntu.com/core/docs>

> Futuro – Ubuntu & Canonical

> Tendências no desenvolvimento de software livre

- >> Descentralização e colaboração
- >> Contêineres e Virtualização
- >> Cloud, IA e segurança

> Planos Futuros da Canonical

- >> Internet das Coisas (IoT) – Ubuntu Core
- >> Computação em Nuvem e Containers – LXD
- >> IA e Machine Learning
- >> Melhorias continuas no desktop e UX



Canonical
LXD



Canonical
Kubernetes

Q&A