

# Linux for Beginners

Background and Introduction

# What You Will Learn

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- What Linux is
- Brief history of Linux
- What a Linux Distribution is
- Reasons Linux is used

# What is Linux?

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- An Operating System
- A Kernel
- Created by Linus Torvalds in 1991
- First version released in 1994
- FOSS (Free/Open Source Software)
- Unix-Like

# Linux Distributions

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- Linux Kernel Plus Additional Software
- Each Distribution has it's own focus
- Many of Distributions available

# Linux Distributions

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- [DistroWatch.com](https://distrowatch.com/)
- Red Hat Enterprise Linux (RHEL)
- Fedora
- Ubuntu
- Debian
- SuSE Linux Enterprise Server (SLES)
- OpenSuSE

# Why Linux?

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- Runs on many hardware platforms
- Small Footprint
- Stable, Reliable, Secure
- Great for servers
- FOSS
- Free Software Ecosystem
- Choice / Freedom

# Summary

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- Linux is an operating system.
- At the heart of the OS is the Linux Kernel.
- Linux is the layer between applications and hardware.
- Linux can be used as a server or a desktop.
- Distributions are implementations of Linux, each with their own goals and focus.