Future Of
The Linux Kernel

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About Me
Tanish Shinde

• Developed various operating systems for embedded Linux boards
• Worked on various open source embedded Linux projects, primarily buildroot
• Working as a developer for The BareMetal Server OS
• Advantages and Disadvantages of using Open Source Software
• Linux in Desktop applications
• Software Development on Linux
• Importance Of Linux Kernel in the Embedded System Market
• OS development on Embedded Systems
• How Linux Community will shape the Future of Linux Kernel
Advantages and Disadvantages of using Open Source Software
Why Large Companies Do Not Prefer Open Source?
Open Source Security Over Linux Security
Linux Advantages
Tailored for your needs
Disadvantages Of Using Linux
User Friendliness
Typical Linux Desktop Environments

LXDE  KDE
$Sudo Apt Install “Something”
Linux in Desktop Applications
Why Are The Desktop Distributions Failing?
Losing Popularity Over Time
No New Development In A Typical Operating System Environment
Software Development on Linux
Why There Is Less Software Development On Linux
Very Few Users, When Compared To Other Operating Systems
Linux Has Different Package Installers and No Unified Installers
Importance Of Linux Kernel in the Embedded System Market
Linux Can Be Customised
Users and Developers Want Functionality in a Tiny Package
Linux Already Dominates The Embedded Systems Market
Next Steps
Operating System
Why Should a Developer Create A New Operating System For Embedded Boards
Embedded Boards, Do Not Require The Typical Desktop Packages
OS Developed For Embedded Boards, Should Not Be Focused On User Friendliness
How Linux Community will shape the Future of Linux Kernel
The Linux Community
Why The Linux Community Is Better Than Many 24/7 Supports
How Do The Following Topics Help Us Understand The Future Of Linux