

# The Future Of The Linux Kerne

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## **A Little About Me**

**Tanish Shinde**

**Have Developed Various Operating Systems For Embedded Linux Boards**

**Have Developed Various Open Source Embedded Linux Projects, Primarily Buildroot**



# Agenda For Today

- **To Get To Know The Advantages and Disadvantages Of Using Open Source Software**
- **To Understand The Future Of The Linux In The Advancing Technology**
- **To Understand The Importance Of Linux Kernel In The Embedded System Market**
- **To Get To Know The Nature Of a Typical Linux Based Operating System**
- **To Get To Know More About Our Linux Community**

# Open Source Advantages and Disadvantages



# **Why Pirated Paid Software is Preferred Over Free and Open Source Software**



# Piracy

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# **Why Linux Is Great?**



# **Linux is Free and Open Source**





# **Linux Security Is Best In The Market**



# **Why People Think There is No Software For Linux**



# **Free Software Can Be The Best On The Market**



# **What Should Be Improved In Linux**

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# **Have a Unified Base**

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# **Software Development**



# **Problems Faced By Linux Newbies**



# Options






# **What Linux Distribution Is Perfect**




# **Embedded Linux, The Way Going Forward**



# **Users and Developers Alike Want Power in a Tiny Package**



# **Linux Already Dominates The Embedded Systems Market**



# **Why Development Is Growing Fast For Linux**



# **The Linux Community**



# **Why The Linux Community Is Better Than Many Corporation's 24/7 Support**



# **Linux Community Can Be Harsh Sometimes To Linux Newbies**



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**To Develop Yourself  
an Operating System  
Or Use a Prebuilt One**



# **Operating System Development How Grown Is This Field**

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**There Are Thousands  
Of Distributions  
Around Us**



**OS Development Has  
Been At Steady  
Growth As Linux  
Growing More**



# **Q and A**

# Thank You



# OPEN SOURCE SUMMIT

EUROPE

THE LINUX FOUNDATION