# Mastering Operating System Kernel Development

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### 1.2 History and Evolution of Operating Systems

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#### Batch Operating Systems

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#### Distributed Systems

#### Embedded Systems

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### 1.5 The Role of the Kernel

## 2. Fundamentals of Kernel Architecture

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### 2.5 System Calls and APIs

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#### Rust and Modern Alternatives

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### B. Bootloader Implementation

#### GRUB

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### C. Hardware Interfaces and Buses

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### D. Reference Materials and Further Reading

### E. Glossary of Terms

#software/os/linux/kernel