Demo

Ingo H. de Boer

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Chapter 1

Fundamental Knownledge

1.1 What is a kernel?

Before we delve into the details of the Linux kernel, let's review the basics of Linux kernel.

1.2 The short History of Linux kernel?

from 1991 to ...

Chapter 2

Memory

2.1 testsection

This section is just for testing, what happens when you have a section in your project which is double.

2.2 TLB – Translation Look Back

2.3 process address space

2.4 virturl memory area

Figure 2.1: WinShell Logo. This image is taken from the WinShell internet homepage.

Chapter 3

Process

3.1 What is a Process?

If you have equal named sections in different files than both files are opend at the specific position on double-clicking.

3.2 Process v.s. Thread

Thread is different from normal process.

However, in Linux kernel, Thread is implemented as a special Process. Threas is the process which shared the process address space. Please note that the Threads may have thread specific storage.

Chapter 4

File System

Talk about Linux File Systems. but only focus on the ext3.

4.1 File Systems supported by Linux

Chapter 5

IPC

5.1 What is IPC?

5.1.1 Features

Appendix A

Some Appendix

nothing special to say here...

Bibliography

[1] R. Gonzalez and R. Woods. *Digital image processing.* Addison - Wesley Publishing Company, Reading, Massachusetts, 1992.