

Research Methods - Tutorial 1

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Abstract

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Chapter 1

Introduction

1.1 Section

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1.1.1 Subsection

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Chapter 2

Methodology

This paragraph has references to Chapter 1, Section 1.1, and Section 1.1.1. Notice that LATEX automatically numbers these references, eliminating the need for hardcoding. Diagrams are essential for explaining computing or engineering systems and concepts. Figure is a block diagram example of Microsoft Windows 2000 downloaded from Wikipedia.

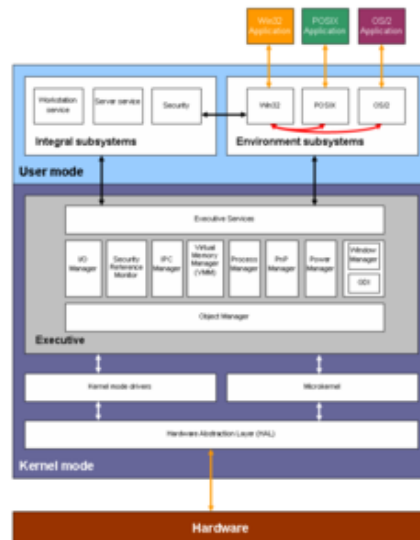


Figure 2.1: A block diagram example, showing the Microsoft Windows 2000 operating system architecture.

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ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa. We can see this in 2.1

Chapter 3

Technology Review

According to 3.1 CherryPy has its stable version at 18.10.0. It was released in 2024-06-15 and is licensed by BSD.

Project	Stable Version	Release Date	License
CherryPy	18.10.0	2024-06-15	BSD
Django	5.2.3	2025-06-10	BSD
FastAPI	0.115.13	2025-06-17	MIT
Flask	3.1.1	2025-05-13	BSD

Table 3.1: Some Python based server-side networks

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Chapter 4

System Design

Code snippets must always be added as a listing, never as a figure or table. Listing 4.1 shows a Python program that calculates the factorial of a given number.

```
#Calculate and print the factorial of n
n = int(input('Type a number: '))
if n < 0:
    raise ValueError('You must enter a positive integer')
factorial = 1
for i in range(2, n + 1):
    factorial *= i
print(factorial)
```

Listing 4.1: Example of a Python program that reads a typed number, then calculates and prints its factorial.

Chapter 5

System Evaluation

Chapter 6

Conclusion