Memory Management

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CONTENT

- Brief Introduction
- Memory Hierarchy
- Why is it useful
- Virtual Memory
- Memory Management
- Future Techniques

Brief Introduction

Brief Introduction
Memory Hierarchy
Why is it useful
Virtual Memory
Memory Management
Future Techniques

Modern memory techniques

Memory Hierarchy , why?

Memory Hierarchy

Brief Introduction

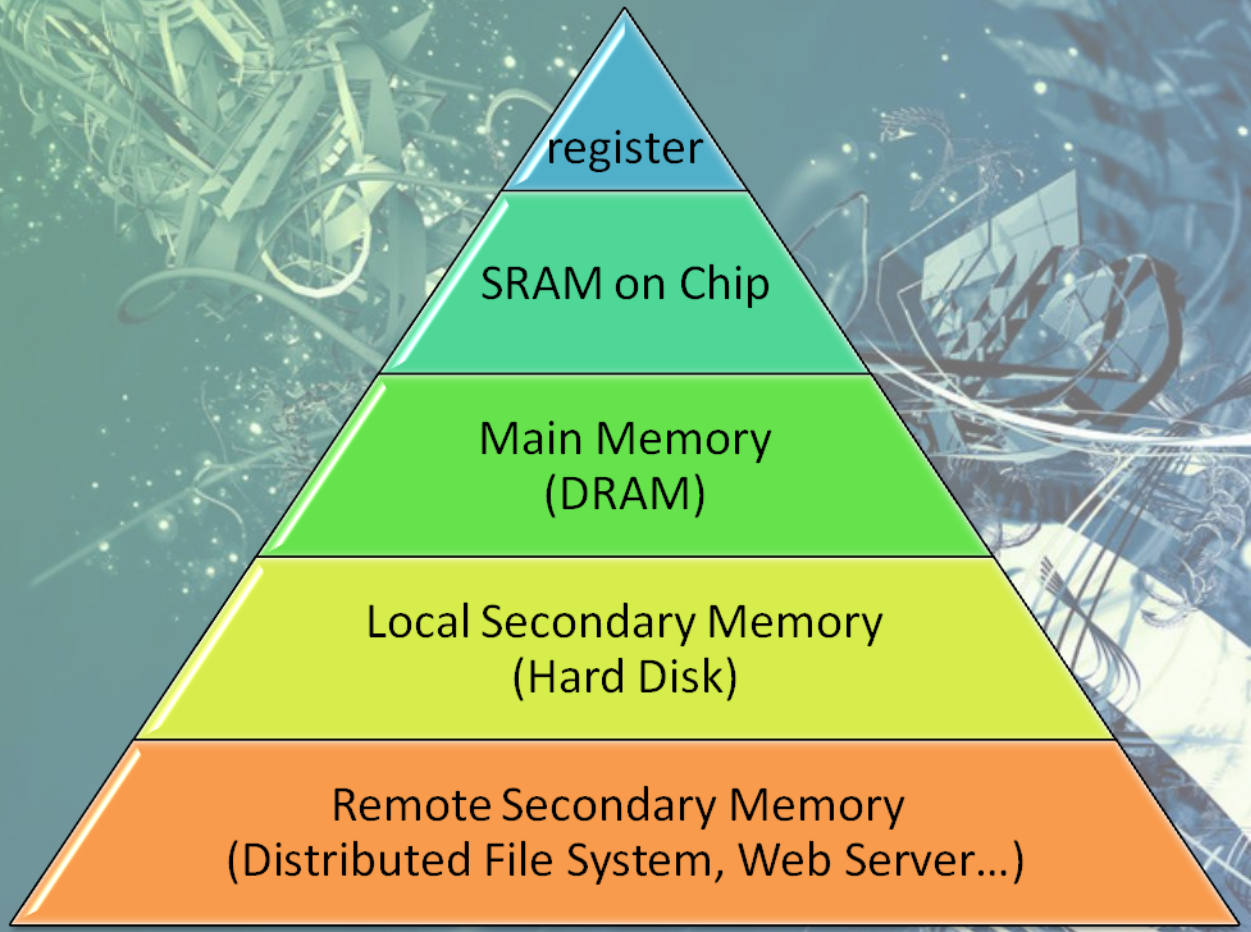
Memory Hierarchy

Why is it useful

Virtual Memory

Memory Management

Future Techniques



Why is it useful?

Brief Introduction
Memory Hierarchy
Why is it useful?
Virtual Memory
Memory Management
Future Techniques

Advantages of Memory Hierarchy

Problems solved by Memory Hierarchy

Virtual Memory

Brief Introduction

Memory Hierarchy

Why is it useful

Virtual Memory

Memory Management

Future Techniques

What is Virtual Memory?

How to implement it?

Advantages of Virtual Memory

Memory Management

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Virtual memory management

How to increase hit ratio?

协调不同进程调用数据时
尽量减少冲突

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Future Techniques

Future Techniques

- 海量存储技术
- 多级缓存机制
- 高级安全机制

SUMMARY

memory hierarchy

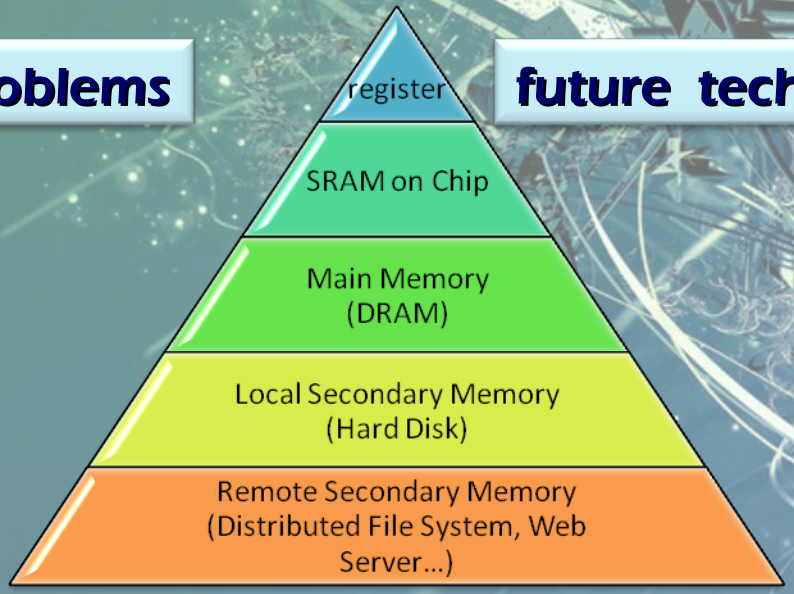
virtual memory

advantages

implementation technique

solved problems

future techniques



Thank you!
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