

Capítulo 1

Task 04: Effect of Reading on Page Table

1.1 Task Description

This task involves observing the effect of reading from a pointer on the page table. Specifically, we aim to determine how the page table entries are affected when a read operation is performed.

1.2 Planned Implementation

1. Setup:

- Use the previous example where a pointer (`ptr2`) is mapped to a specific memory region.
- Ensure the page table is initialized and the pointer is valid.

2. Read Operation:

- Read the content of `ptr2`.

3. Observation:

- Print the value of the page table entry (`raiz[1]`) before and after the read operation.

4. Expected Behavior:

- Analyze whether the read operation causes any changes to the page table entry.

1.3 Expected Outcome

- The page table entry (`raiz[1]`) should remain unchanged after the read operation, as reading memory typically does not modify page table entries.

1.4 Implementation Details

(To be filled after implementation)

1.5 Challenges

(To be filled after implementation)

1.6 Final Outcome

(To be filled after implementation)