Capability-Based Addressing

Paper by

R.S. Fabry (Univ. Of California)

Presented By

Rajan John Thomas



Problem Overview

- The Problem
 - Addressing schemes using segment table
 - Inadequacy with shared address
- Solution using Capabilities
 - Use of capability as an address solves this problem
 - Use of tags for capability
 - Main memory used as a hash table
 - Recently accessed address are looked up using associative registers rather than main memory







