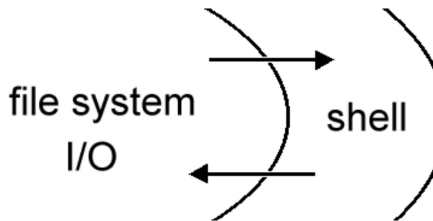
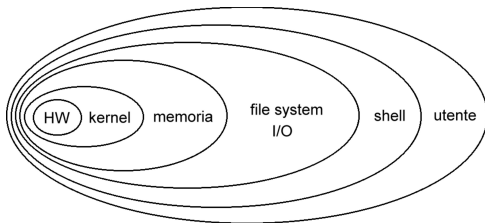
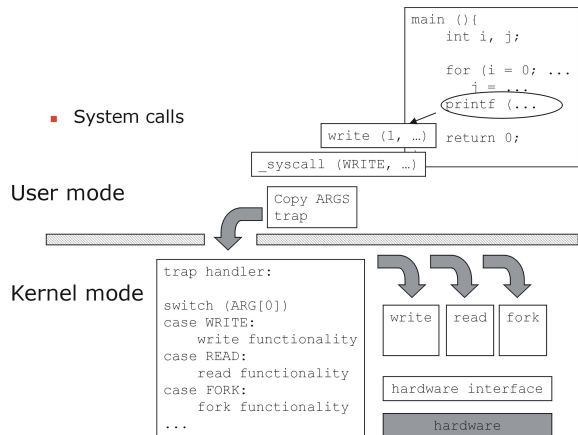


Organizzazione interna dei sistemi operativi

Sistemi a strati



Il meccanismo delle trap



Esempi

'61 → ATLAS scritto in assembler, *spooling*, l'*elaborazione batch*, *memoria virtuale*.

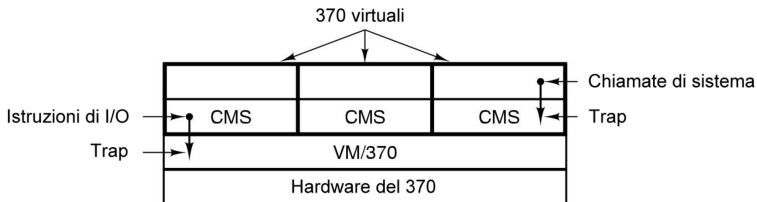
'64 → MULTICS scritto in assembler, *timesharing*, TRAP

'65 → THE progettato in Olanda da Dijkstra. Concorrenza, strutture semaforiche.

'66 → OS/360 IBM, grosso progetto essenzialmente fallito

'78 → VMS Digital Equipment, grande affidabilit , nucleo estremamente protetto ma molto meno efficiente di Unix.

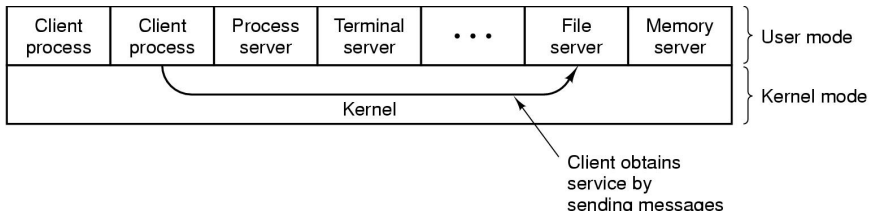
Macchine Virtuali



'66 → VM/370

Modello client-server

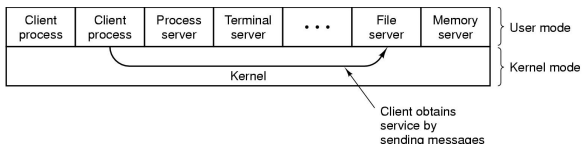
in un calcolatore



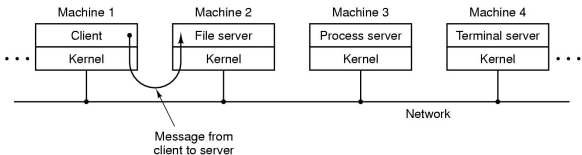
'91 → Solaris

Modello client-server

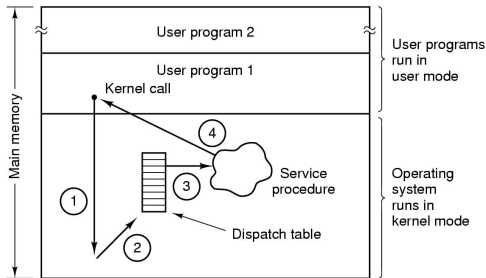
in un calcolatore



in un sistema distribuito



Modello Monolitico



'81 → MSDOS

'69 → Unix

Modello Unix

