

OS Design

DISTRIBUTED OPERATING SYSTEM

- Provides the illusion of
 - a single main memory space
 - single secondary memory space
 - unified access facilities
- State of the art for distributed operating systems lags that of uniprocessor and SMP operating systems

OBJECT-ORIENTED DESIGN

- Used for adding modular extensions to a small kernel
- Enables programmers to customize an operating system without disrupting system integrity
- Eases the development of distributed tools and full-blown distributed operating systems