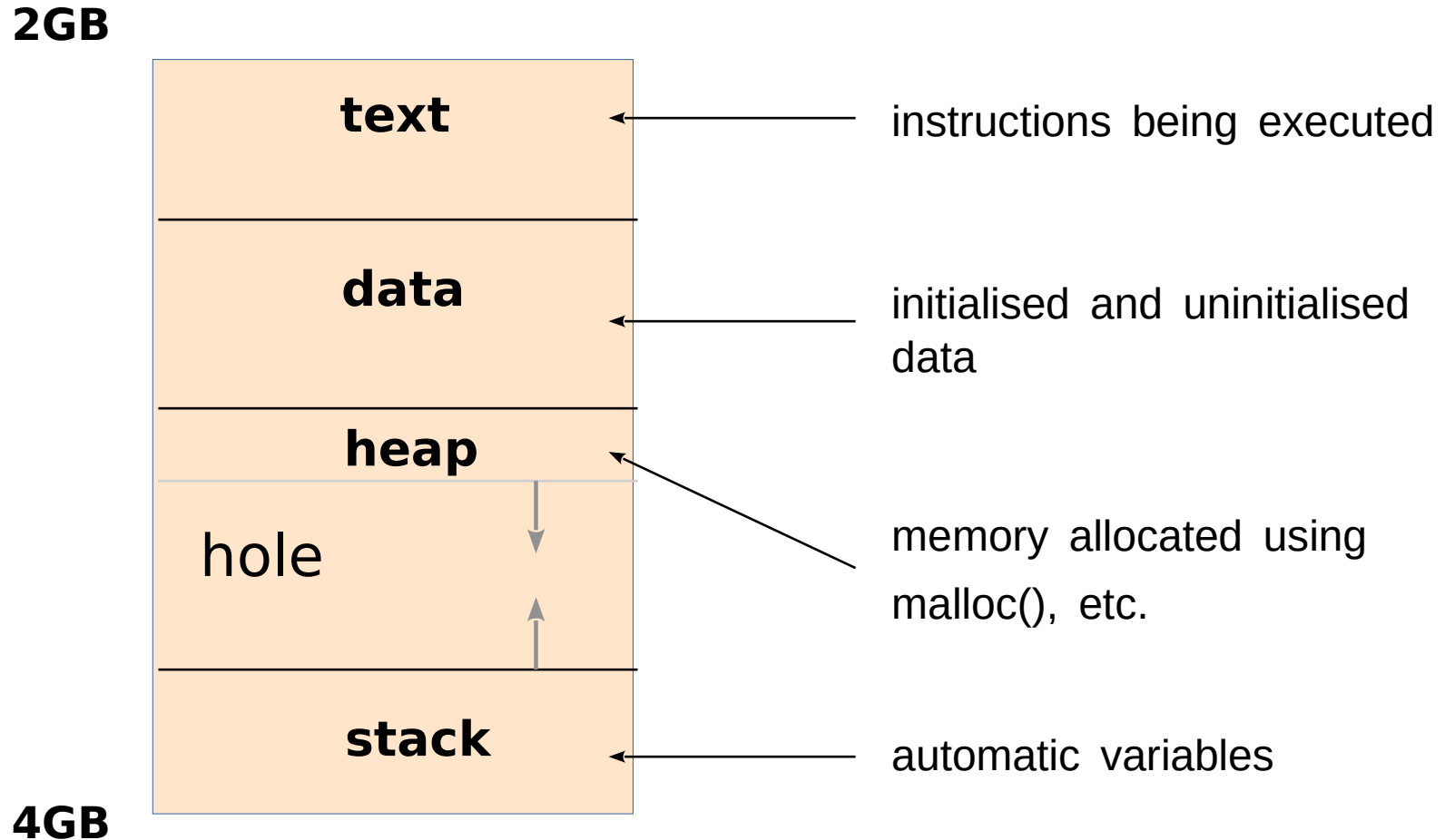


Memory Management

- **Memory map of a process**
- **Managing memory in a process**
- **System V IPC shared memory**
- **Memory mapping Files**

Memory Map of a Process



Virtual Memory

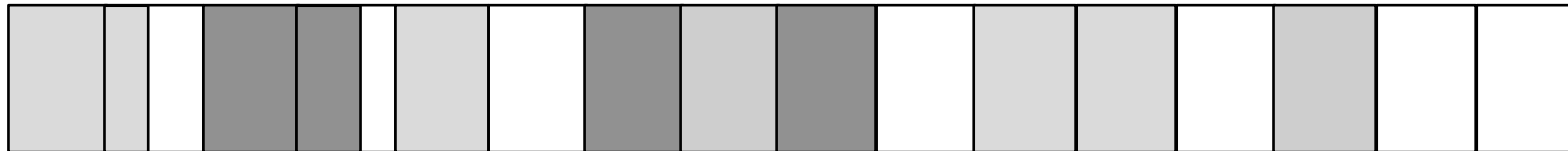
Process



Text

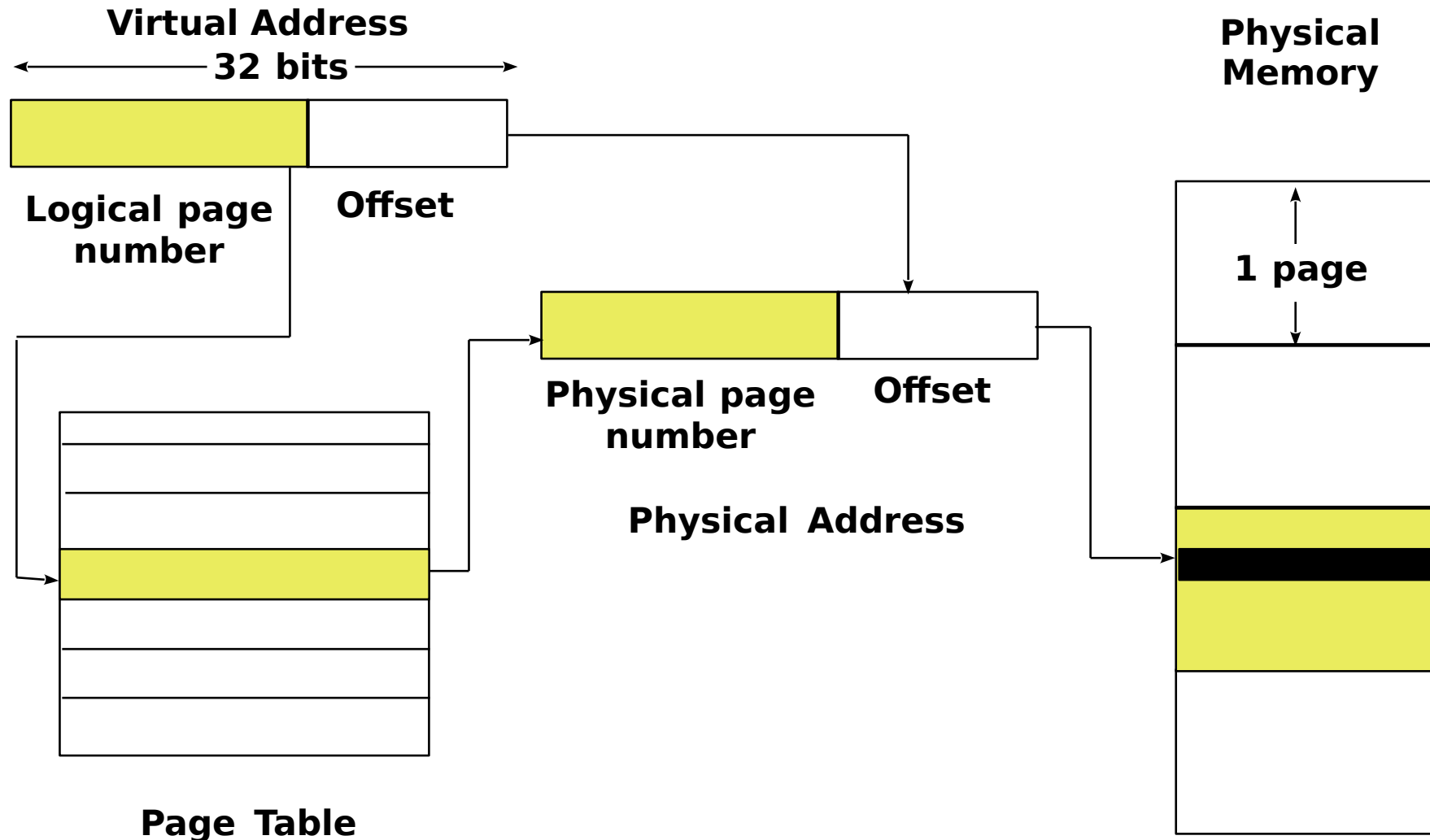
Data

Stack

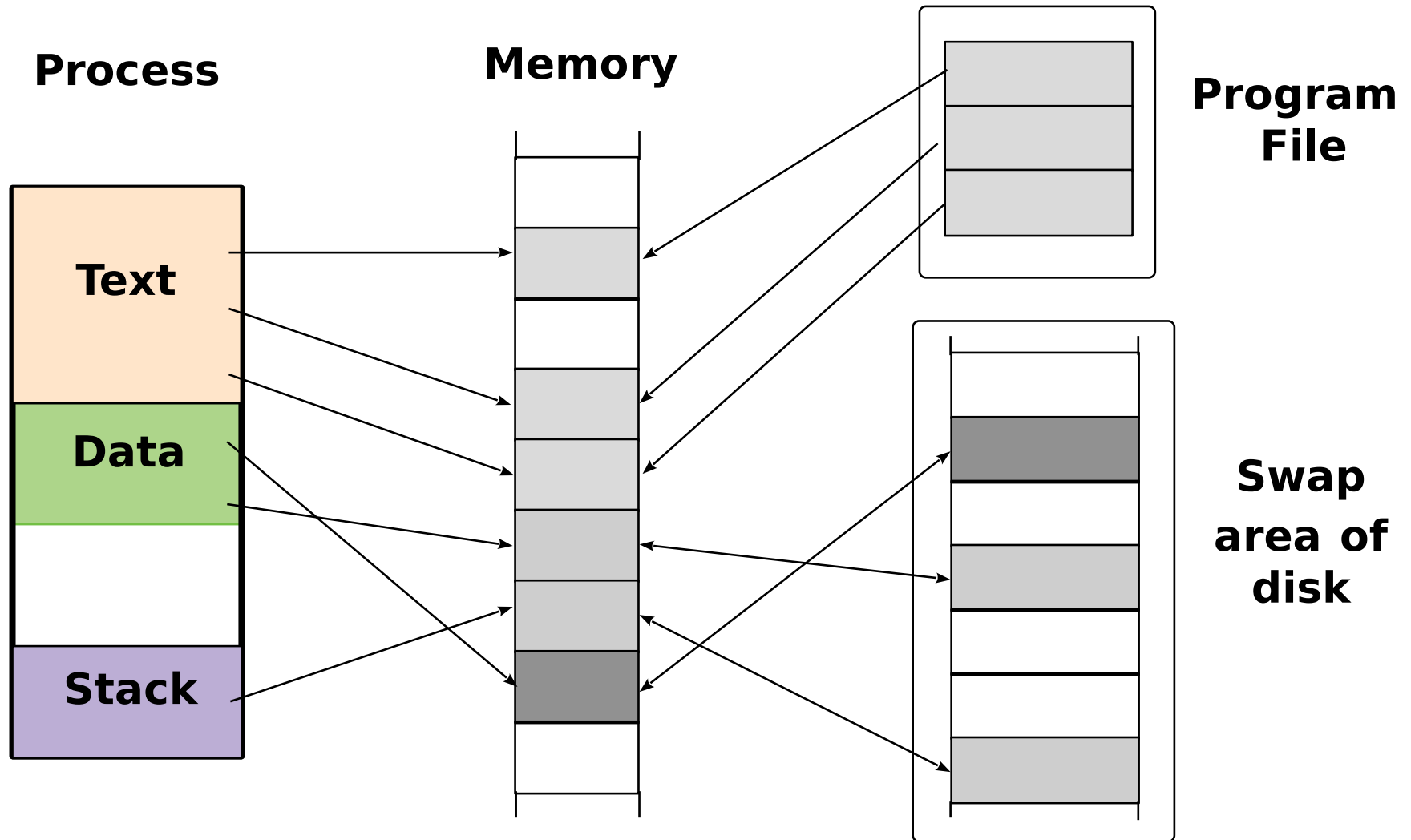


Physical Memory

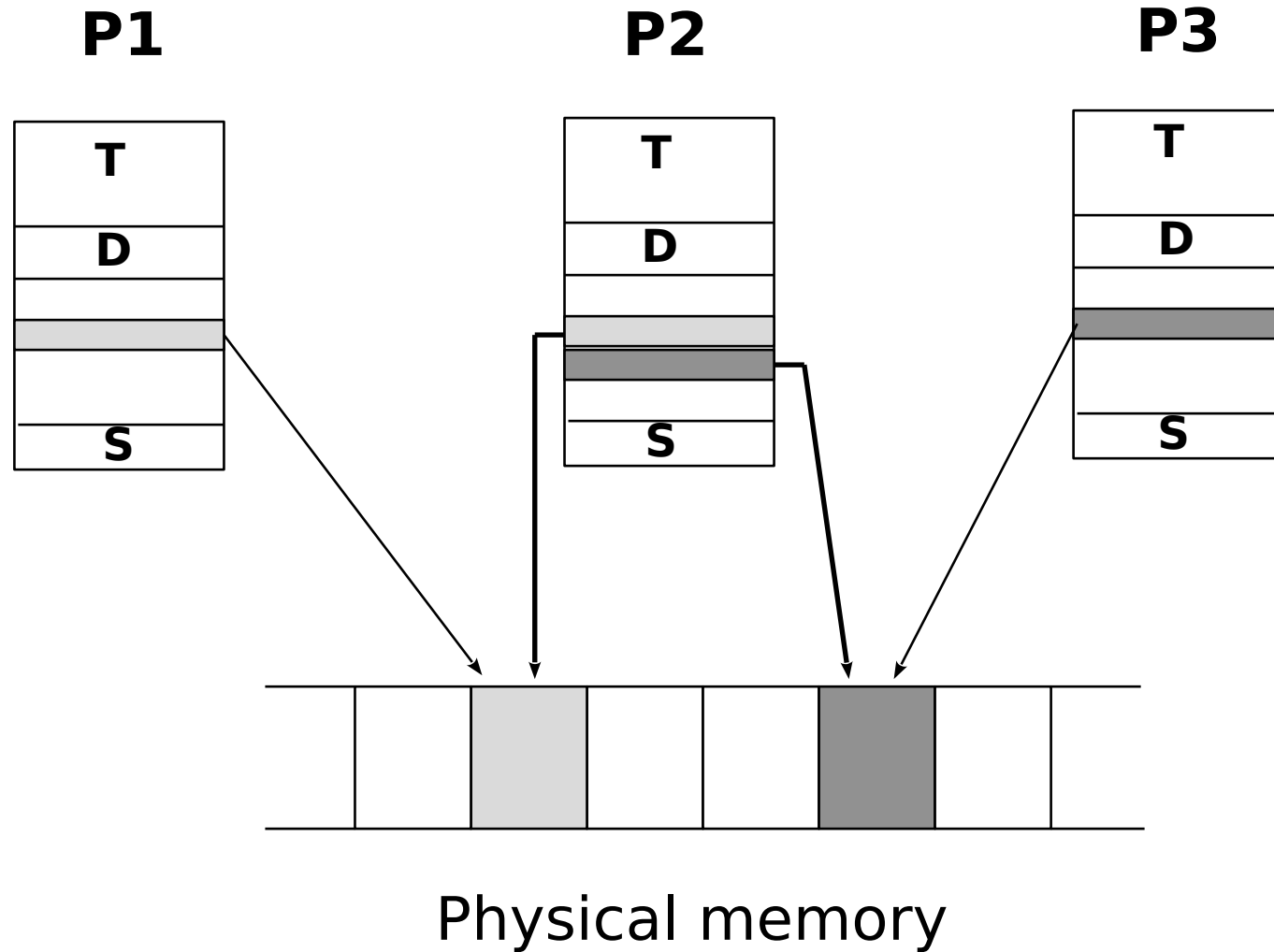
Virtual and Physical Addresses



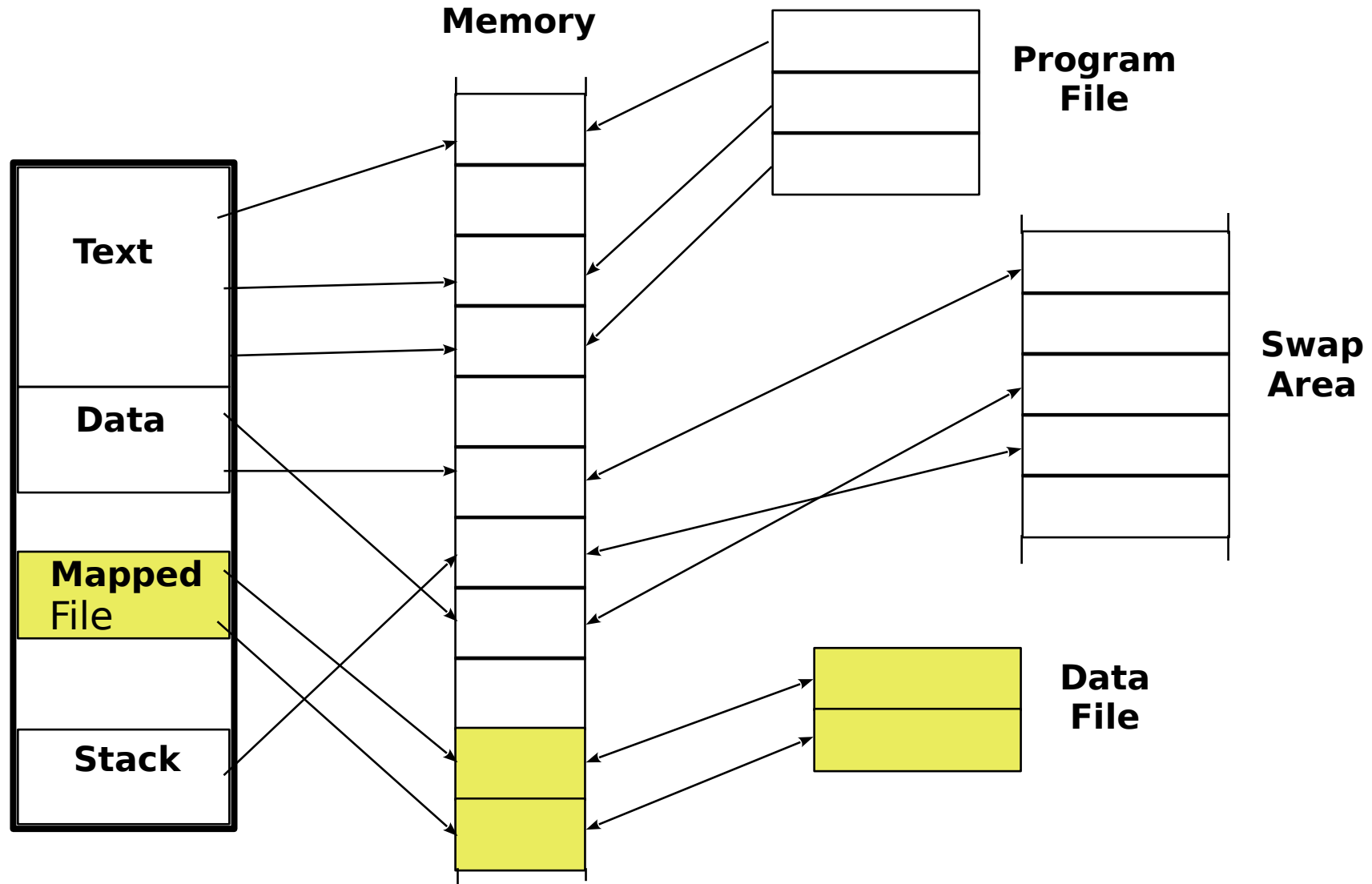
Backing Virtual Memory



Shared Memory



Memory Mapped Files



Shared and Private Mappings

