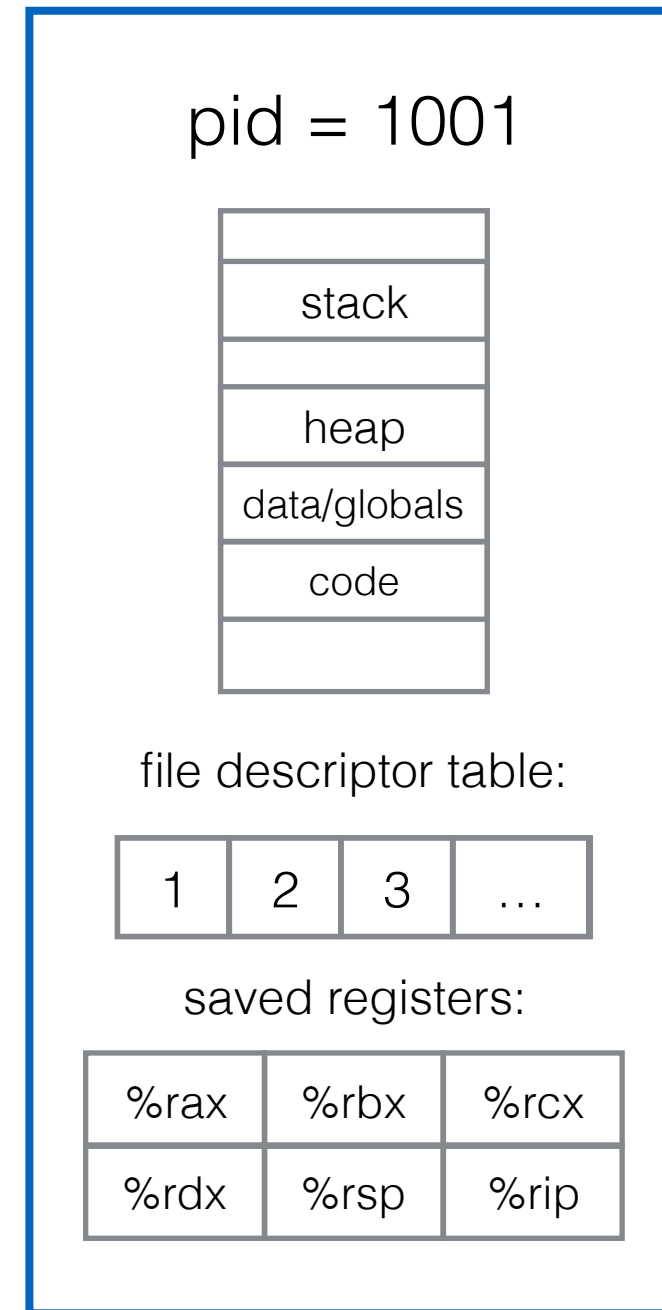
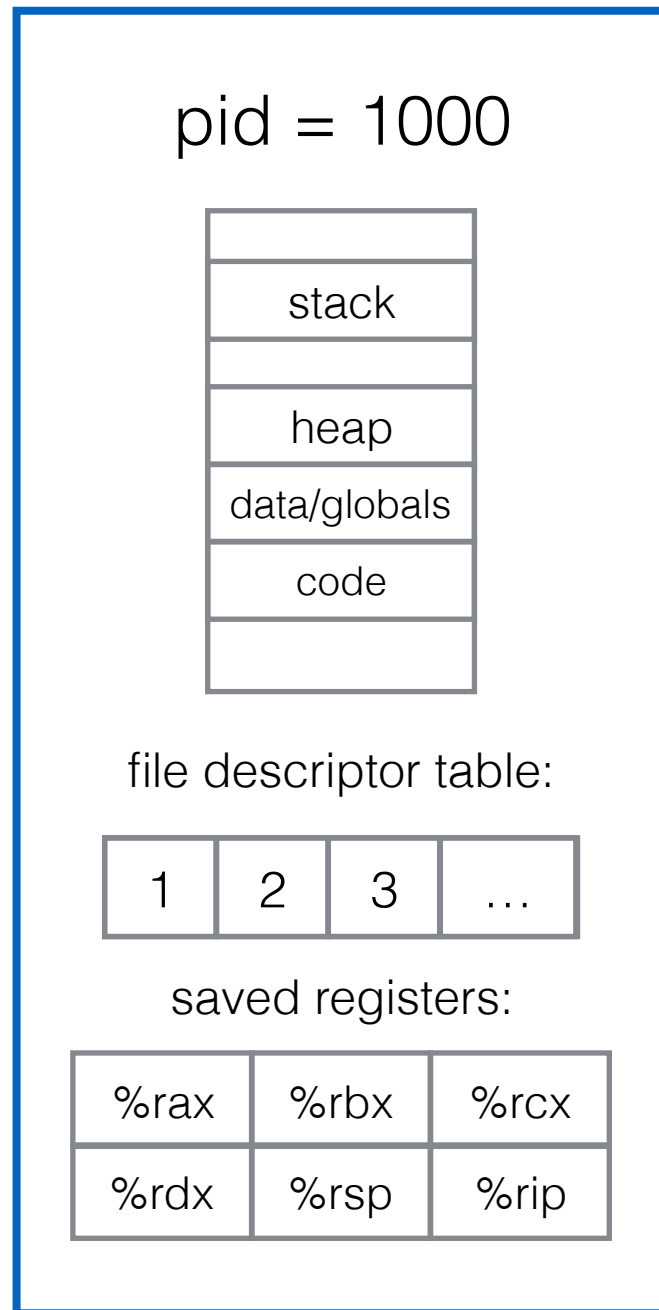
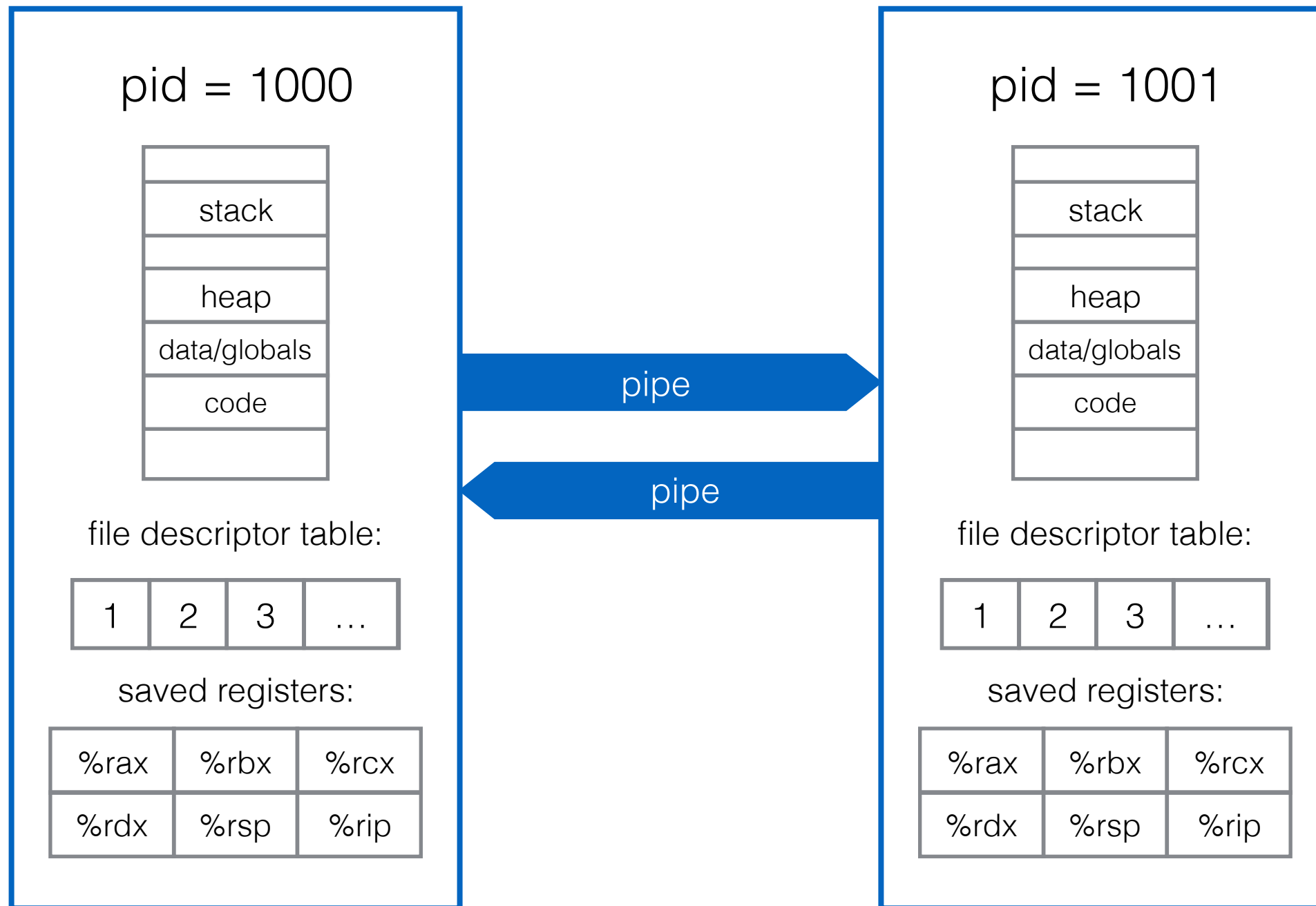


# Processes



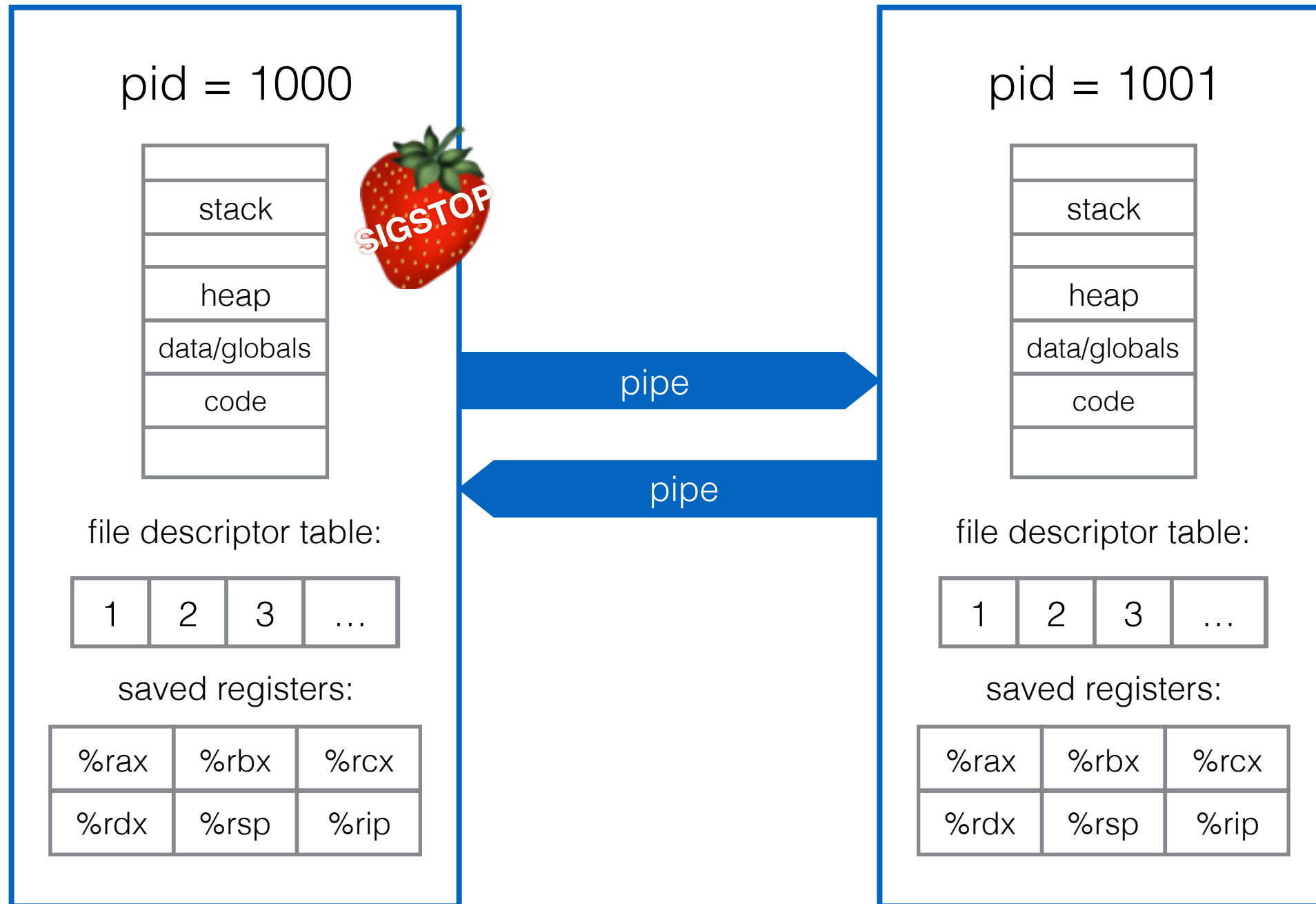
Every process has its own PID, virtual address space, fd table, registers, signal handlers, etc... Processes are generally *isolated*

# Processes



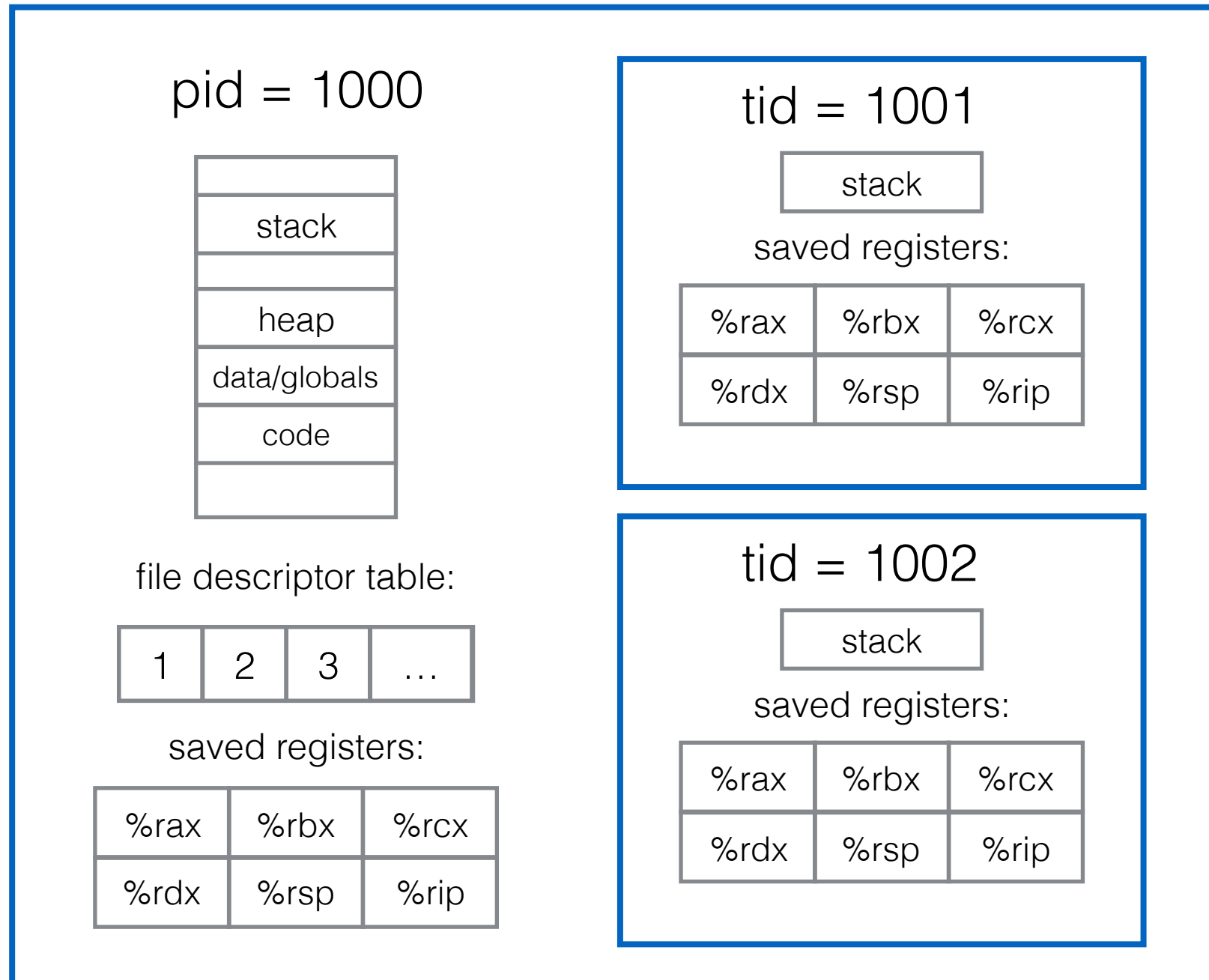
Processes do *not* share memory (usually), but they can exchange information using pipes

# Processes



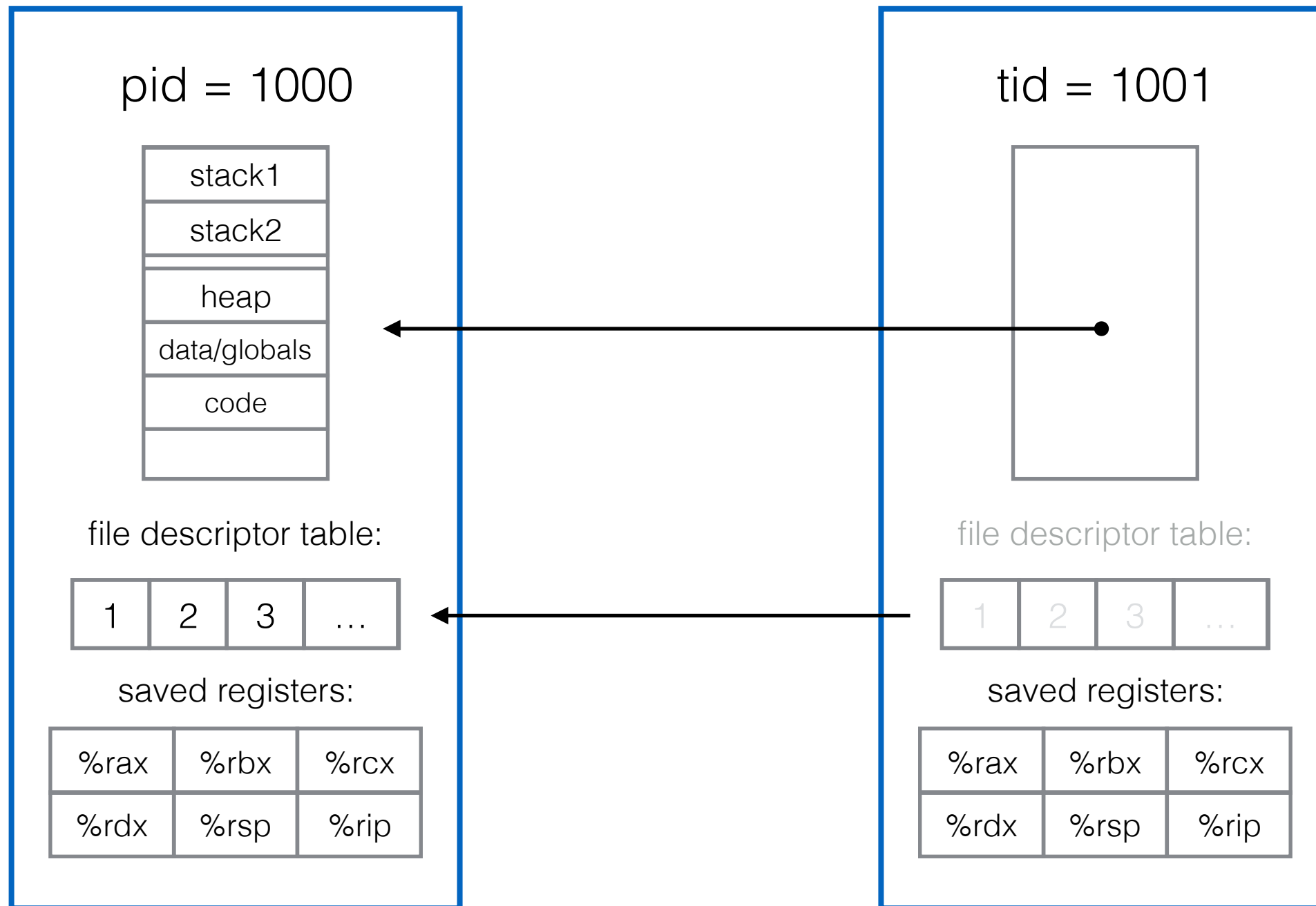
Processes can synchronize using signals

# Threads



Threads are similar to processes; they have a separate stack and saved registers (and a handful of other separated things). But they share most resources across the process

# Threads



Under the hood, a thread gets its own “process control block” and is scheduled independently, but it is linked to the process that spawned it

# What's the difference?

Considerations in designing a browser:

- Speed
- Memory usage
- Battery/CPU usage
- Security, stability

# What's the difference?

## BROWSER ARCHITECTURE

