1   Process API

Vocabulary

1. **Process Identifier (PID)**

    - Is an unique identifier for an active process

2. **CPU Scheduler**

3. **Concurrency**

4. **Deterministic**

5. **Non-deterministic**

6. **Multi-threaded Programs**

7. **Signal**

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1.1   fork() System Call

- Creates a new process

- Is an almost exact copy of the calling process

- **Parent** is the creator

    - Runs from `main()` (beginning of program)

- **Child** is the newly created process

    - Runs from `fork()` (where `fork()` occurs)

1.2   wait() System Call

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1.3   exec() System Call

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