

# Inter-Process Communications (IPC)

CS 241

Oct. 28, 2013

So far in CS 241...

# Models of Multiprogramming

Threads

Processes

# Inter-Process Communications

- Inter-Process Communications (IPC) is a set of methods for the exchange of data among multiple processes.
  
- Examples of IPC:
  - 
  
  - 
  
  -

# Pipes

- A “pipe” is a common form of IPC, in large part due to its usage on a shell:

```
ps -aef | grep waf
```

# Pipe

- A **pipe** is:

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- 

-

# Pipe

```
int pipe ( int pipefd[2] );
```

```
void main() {
```

```
}
```



```
int main(int argc, char **argv) {
```

```
}
```