Users

Kernel:

```
> /dev/mypipe.
```

User

```
c1
```

```
c2
```

```
c3
```

Strings:

```
read(..., c3)
```

```
write(...)
```

```
open()
```

```
for(...)
```

```
close()
```

```
open()
```

```
for(...)
```

```
read(...)
```

```
close()
```
\text{mutex \& wait}\_\text{Y}:

\begin{align*}
C & \leq \begin{cases}
\text{down (mutex).} \\
\text{while (!condition)} \\
\text{up (mutex)} \\
\rightarrow \text{wait-event into } W \\
\text{wait}_{\text{Y}} \text{ condition} \\
\text{dowh (mutex)} \\
\text{up (mutex)}
\end{cases}
\end{align*}