

Computer Networks HW3 Report

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Program Execution

1. Executing Makefile Inside

```
$ make
```

(This will generate 3 executable file sender, agent, receiver)

2. Execution Order (Important!)

receiver → agent → sender

- Receiver Execution

```
$ ./receiver <agent IP> <agent port> <receiver port>
```

(Example)

```
$ ./receiver local 8888 8889
```

- Agent Execution

```
$ ./agent <sender IP> <recv IP> <sender port> <agent port> <recv port>
```

(Example)

```
$ ./agent local local 8887 8888 8889 0.3
```

- Sender Execution

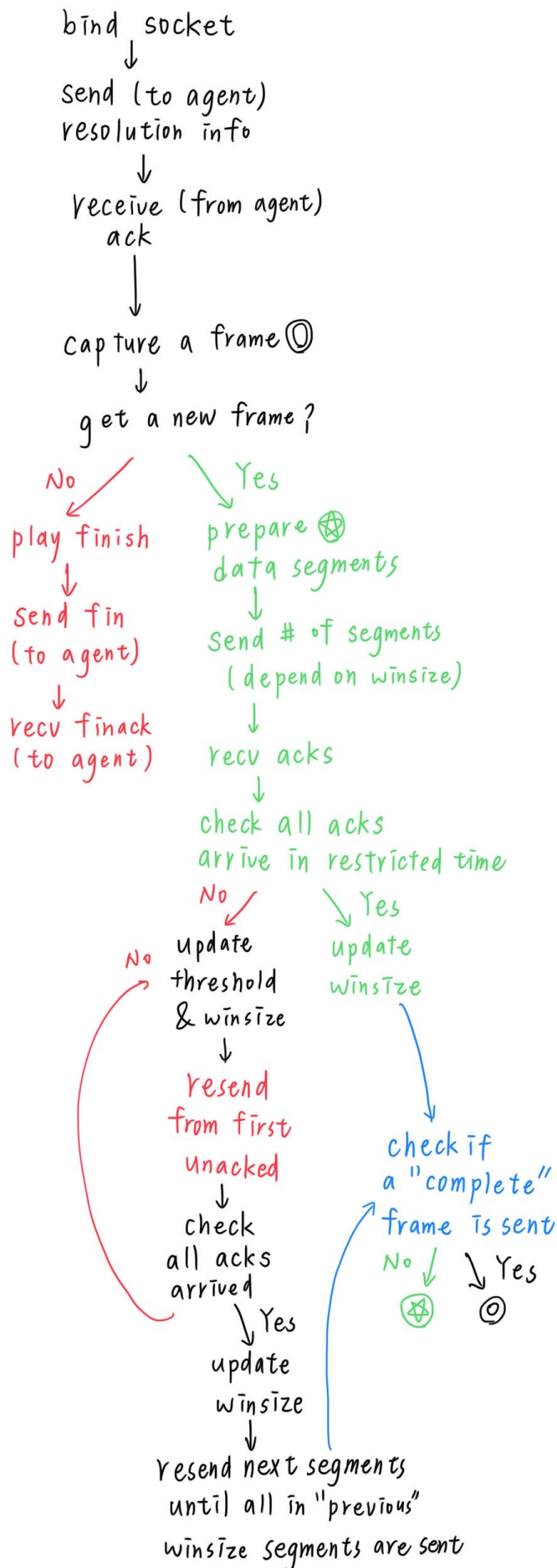
```
$ ./sender <agent IP> <sender port> <agent port> <file path>
```

(Example)

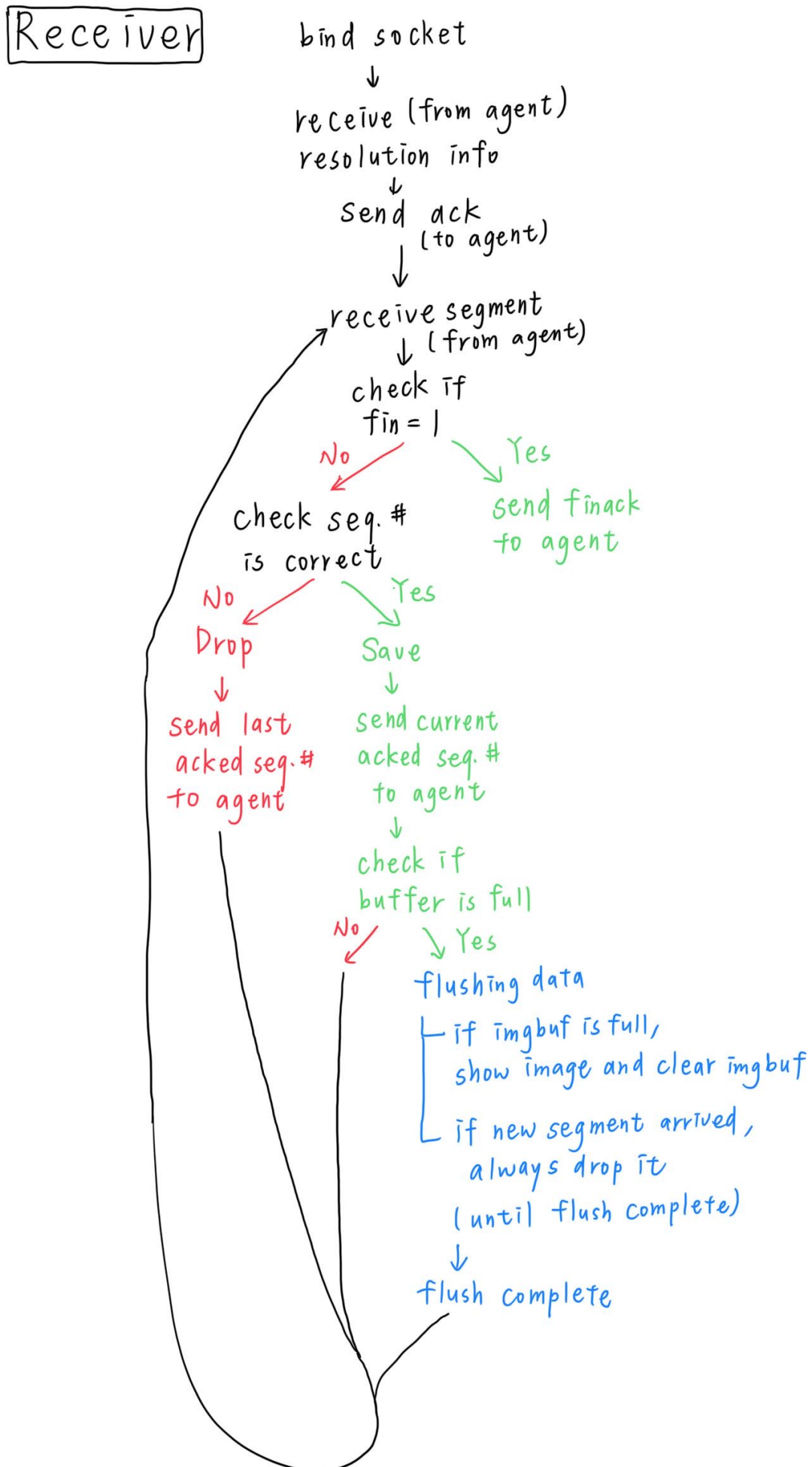
```
$ ./sender local 8887 8888 tmp.mpg
```

Sender Flowchart

Sender



Receiver Flowchart



Agent Flowchart

Agent

