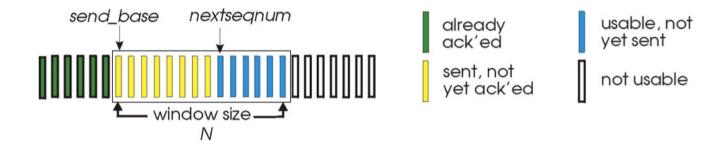
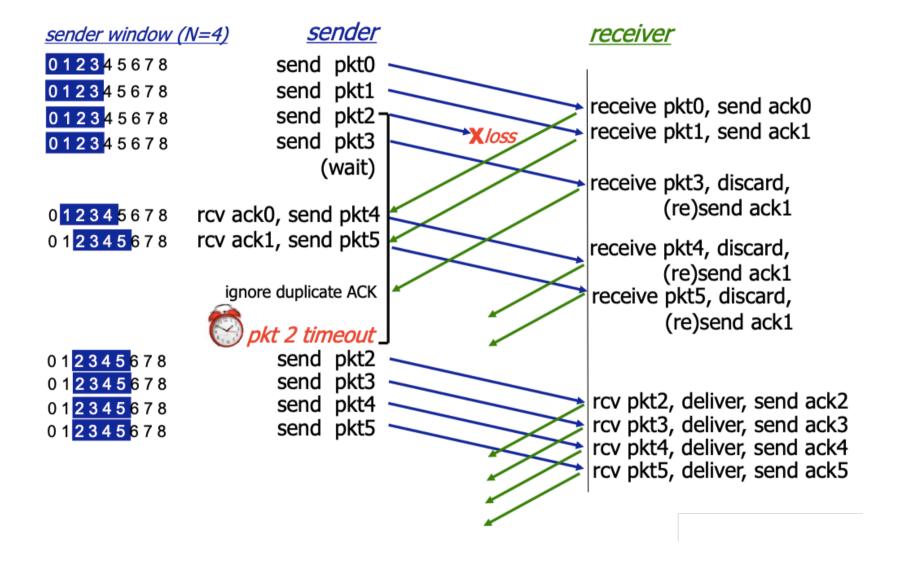
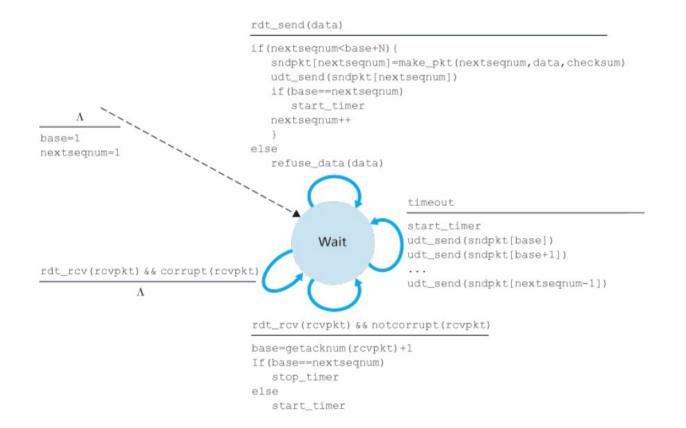
ICN HW2 Go-Back-N

Sliding window





FSM of GBN sender

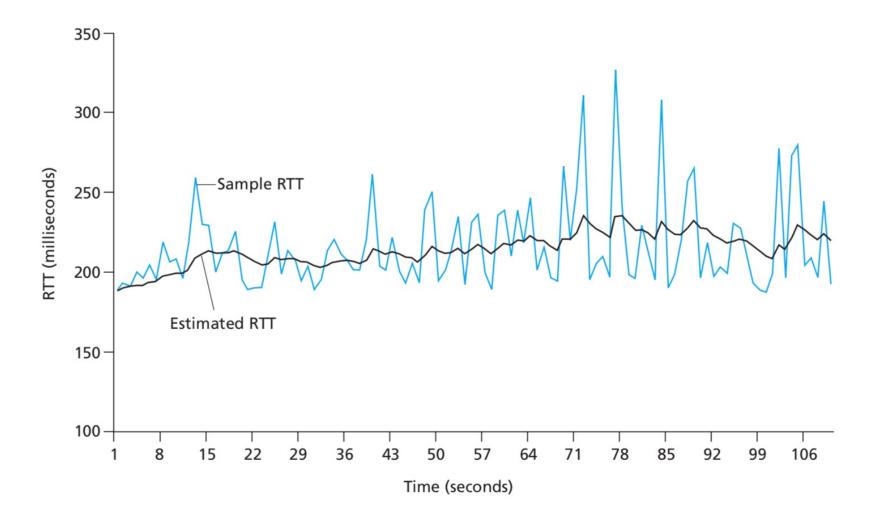


FSM of GBN receiver

Timer

- Only one timer
- Timeout value is important!
- Exponential Weighted Moving Average (EWMA)

```
EstimatedRTT = (1 - \alpha) · EstimatedRTT + \alpha · SampleRTT
```



Coding

- Compile
 - gcc hw2.c -o hw2 -std=gnu11
- Run
 - ./hw2 10 0 0 10 2
- Store output
 - ./hw2 10 0 0 10 2 > outputfile
- Grep output
 - ./hw2 10 0 0 10 2 | grep "something you want to know"
 - cat outputfile | grep "something you want to know"