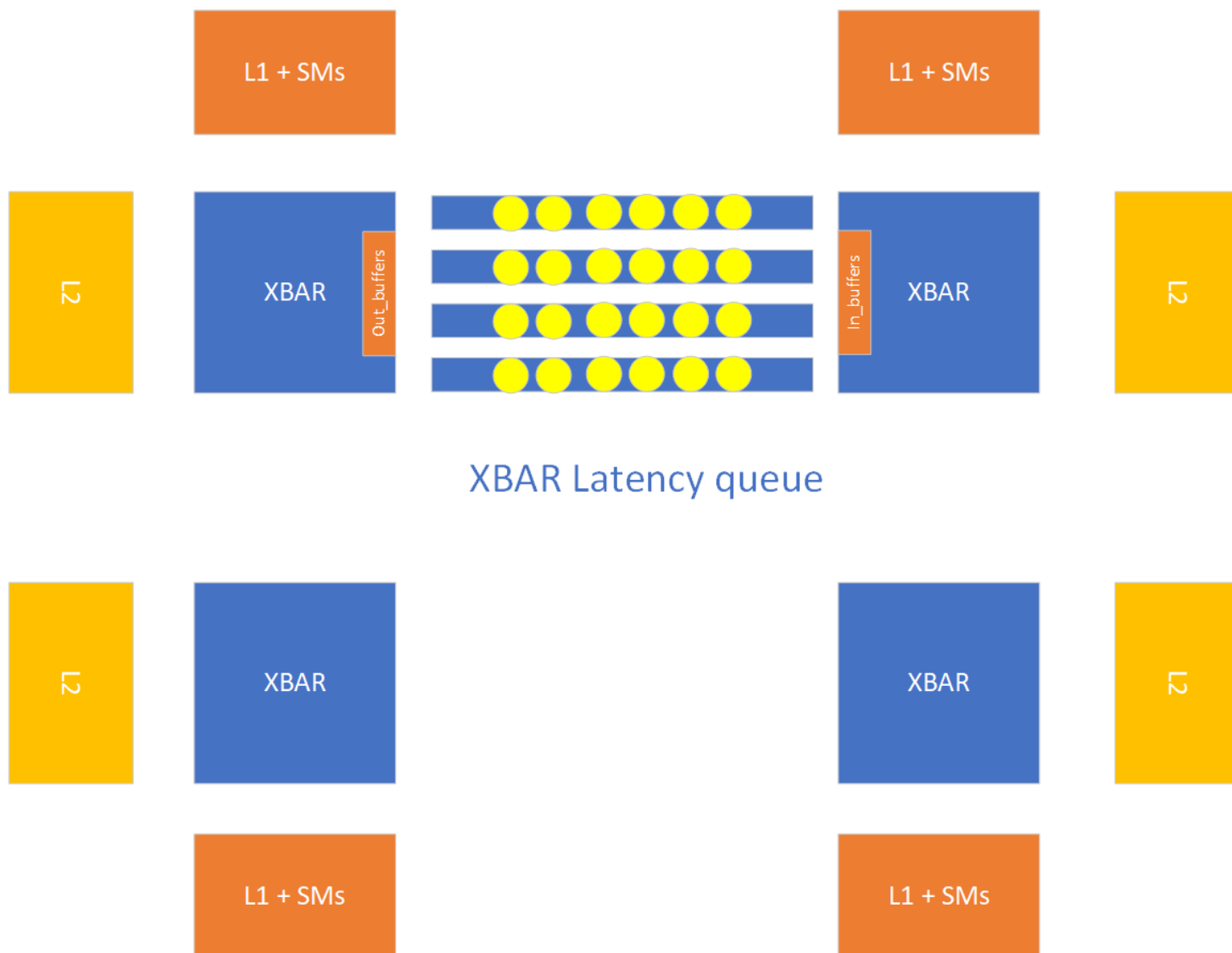# buffer_deque 设计文档

## 功能示意



## 文件结构

- main
- config_reader
- crossbar_latency_queue
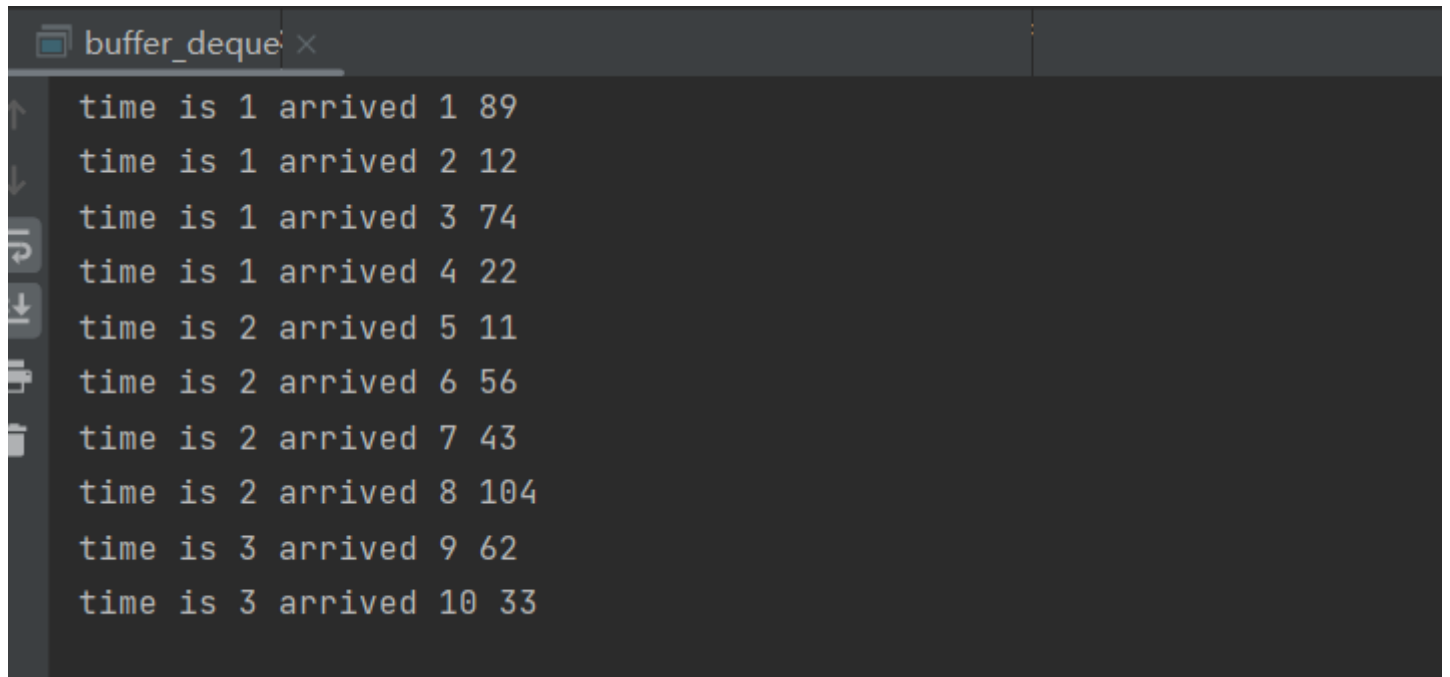- memberfetch
- crossbar.config

# 函数接口

- I/O处理
- 设置参数
  - crossbar_config()
- crossbar_queue.crossbar_latency_queue_cycle()
- 善后工作
  - 释放内存

# 类图

- 待完成

# 效果

- 最终效果就是实现从一端的 `out_buffers` 向另一端的 `in_buffers` 传输数据

```
buffer_deque ×
time is 1 arrived 1 89
time is 1 arrived 2 12
time is 1 arrived 3 74
time is 1 arrived 4 22
time is 2 arrived 5 11
time is 2 arrived 6 56
time is 2 arrived 7 43
time is 2 arrived 8 104
time is 3 arrived 9 62
time is 3 arrived 10 33
```