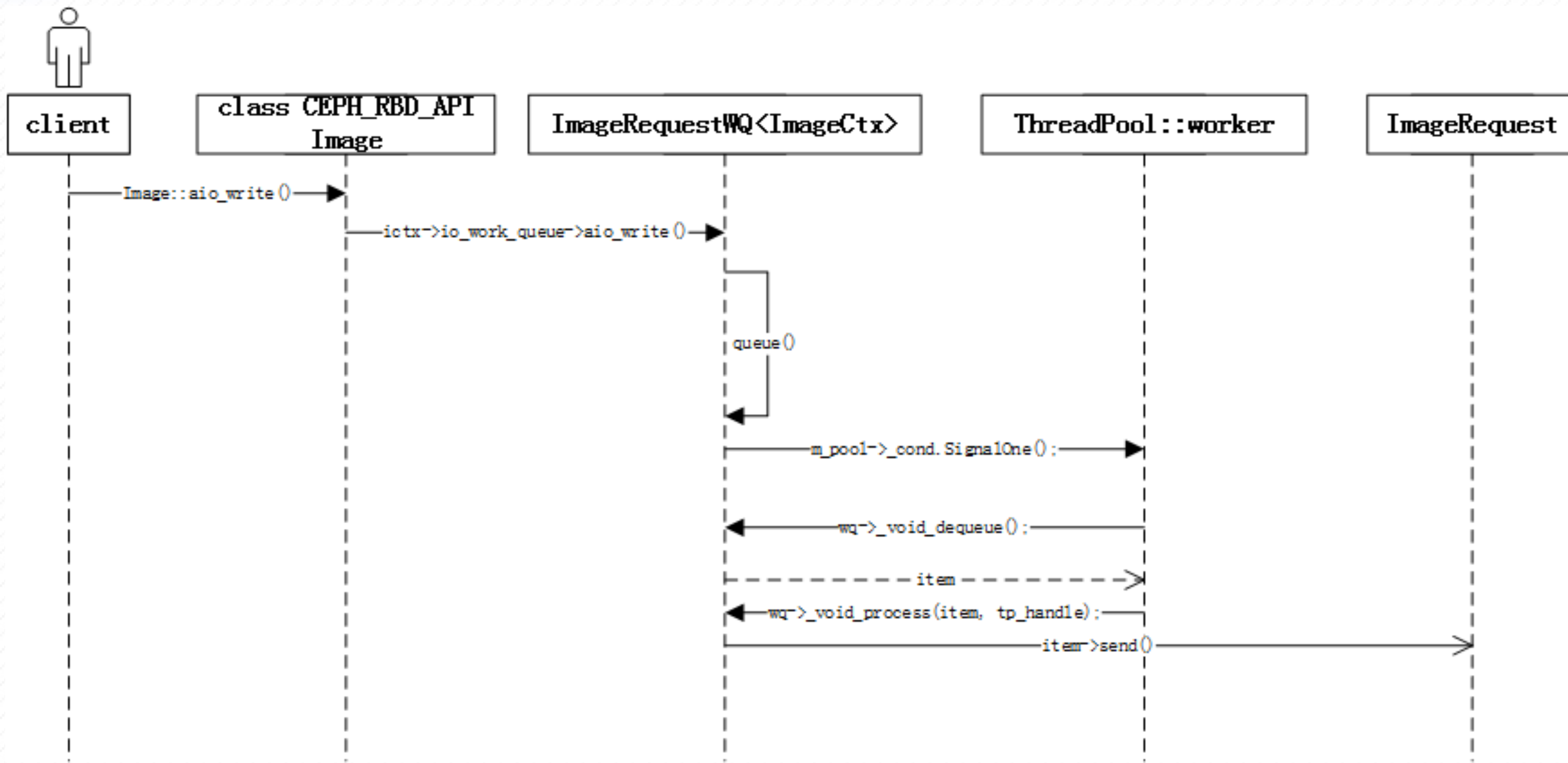


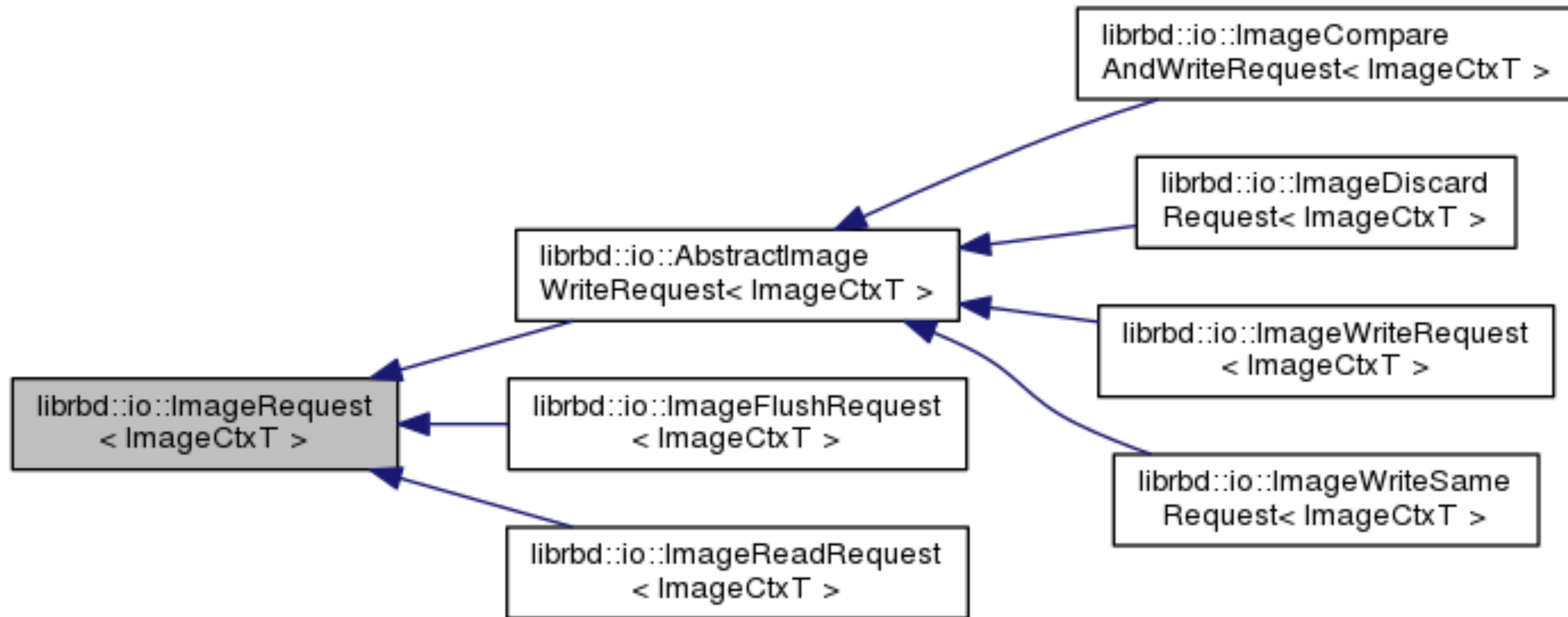


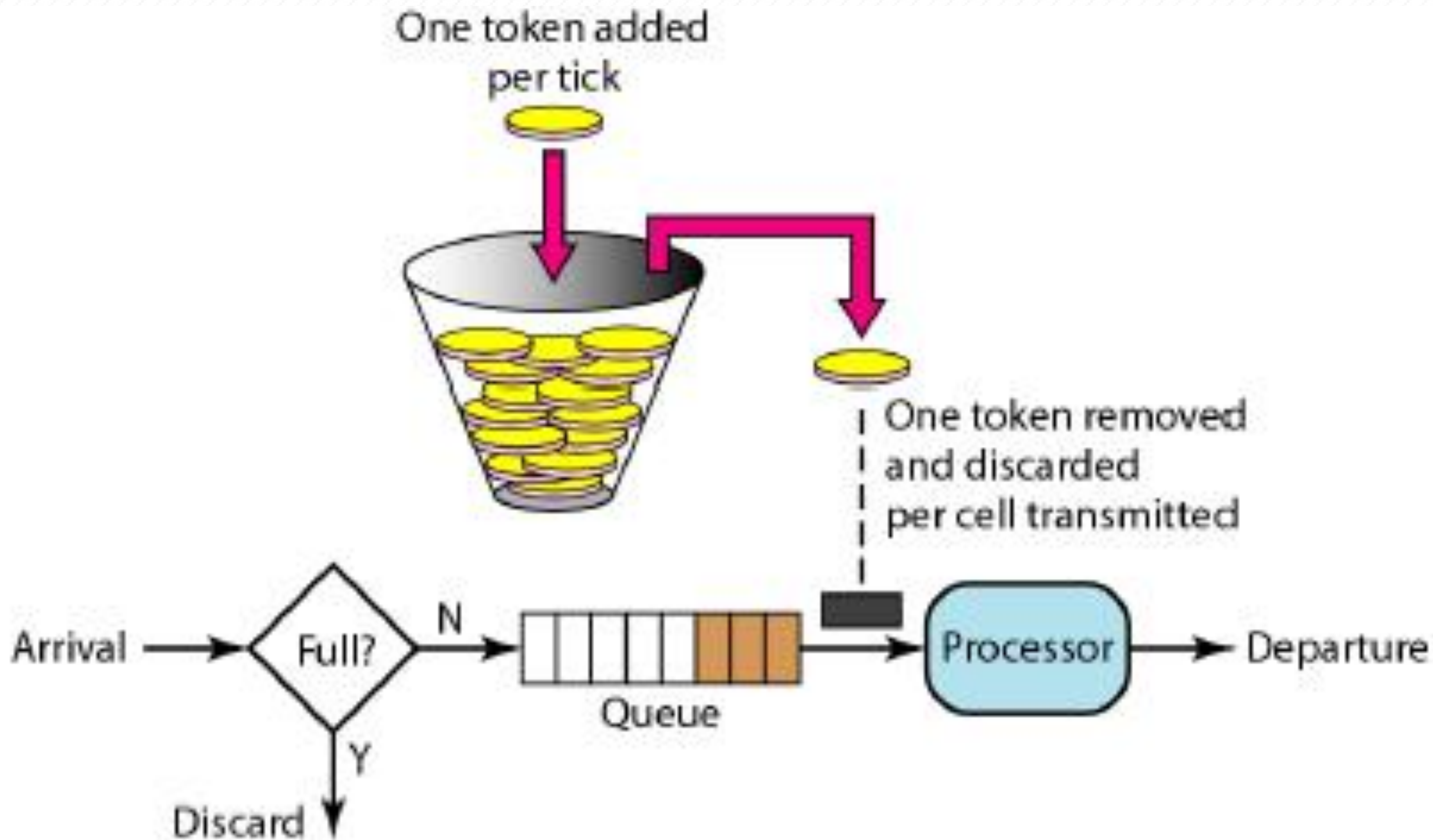
浅谈RBD 的QOS (Rate Limiting)

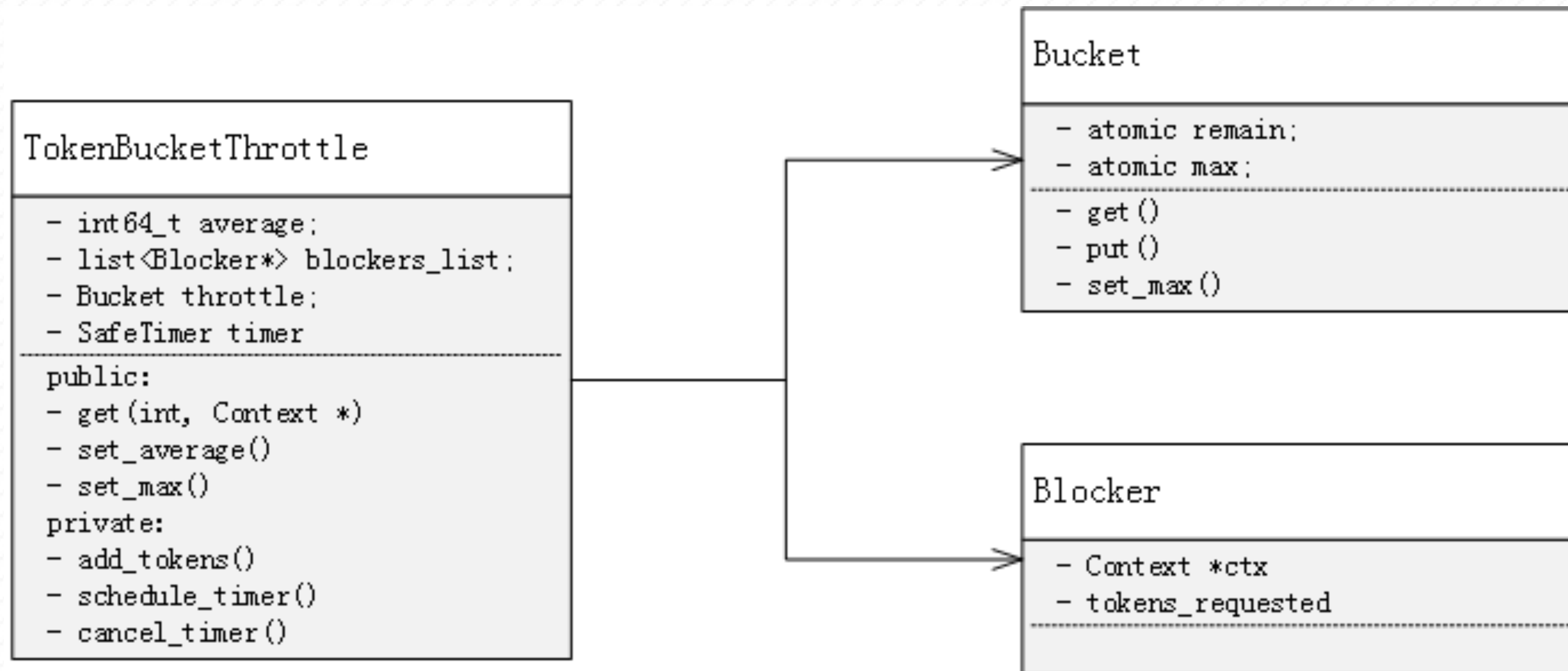
杨东升

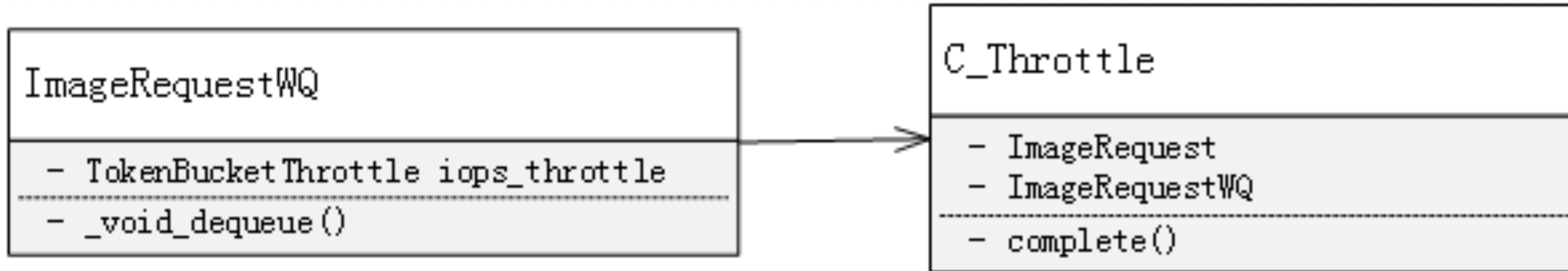
- 总的IO 能力是有限的
- 尽量保证IO能力的合理分配
- Cinder back-end QOS
- ISCSI , ndb ...





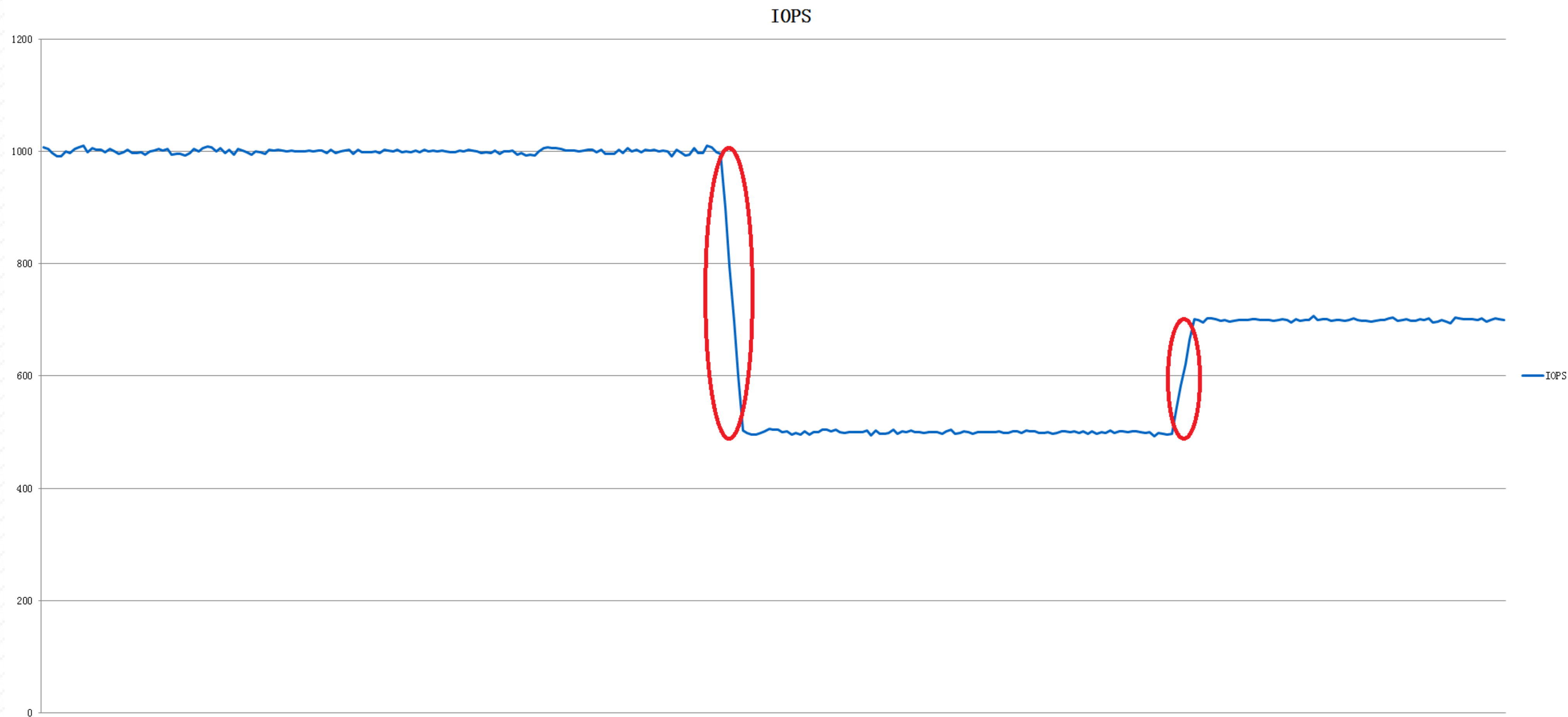






`_void_dequeue`

```
template <typename I>
void *ImageRequestWQ<I>::_void_dequeue() {
    ...
    if (item->needs_throttle() && iops_throttle->get(1, new C_Throttle(this, item))
        return nullptr;
    ...
}
```



- Read vs Write
- IOPS and BPS
- Bursting
- Other rate limiting



THANK YOU
