

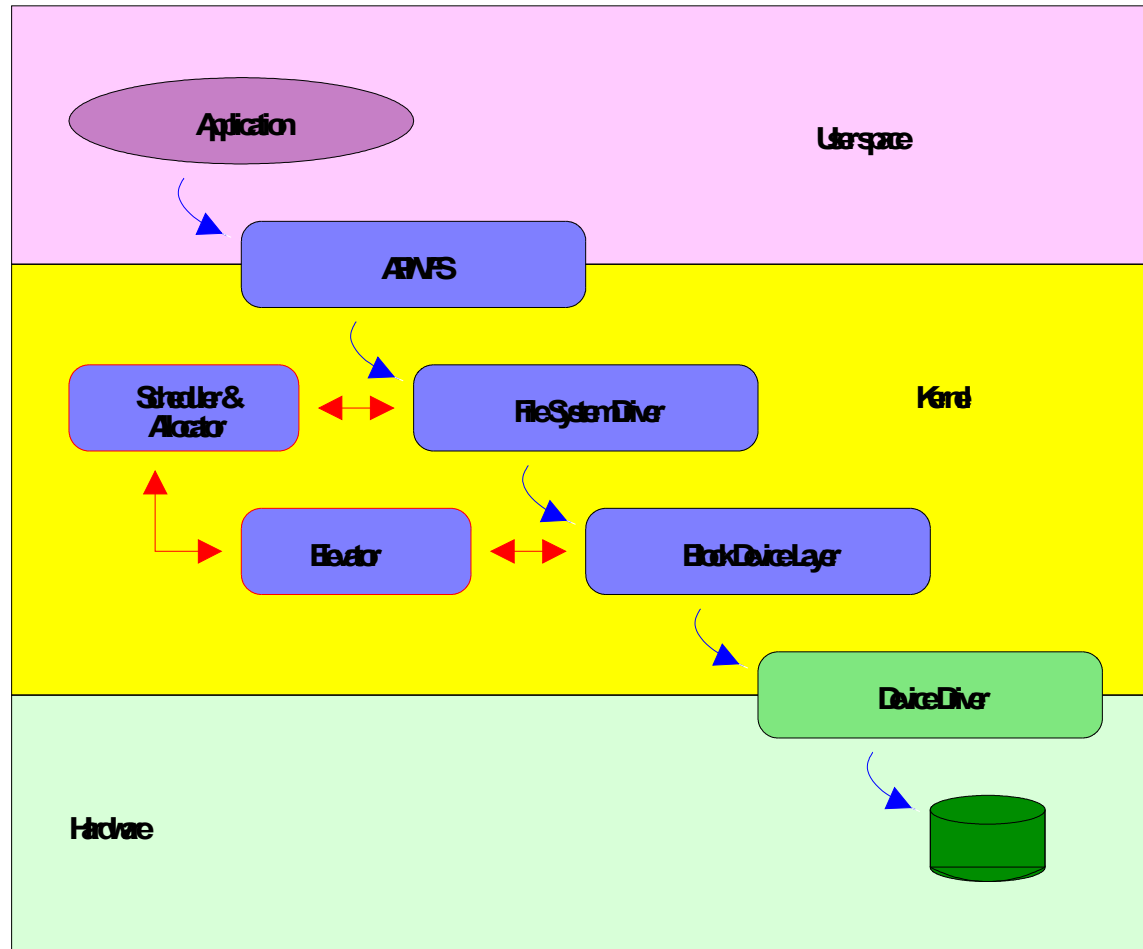
Active Block I/O Scheduling System

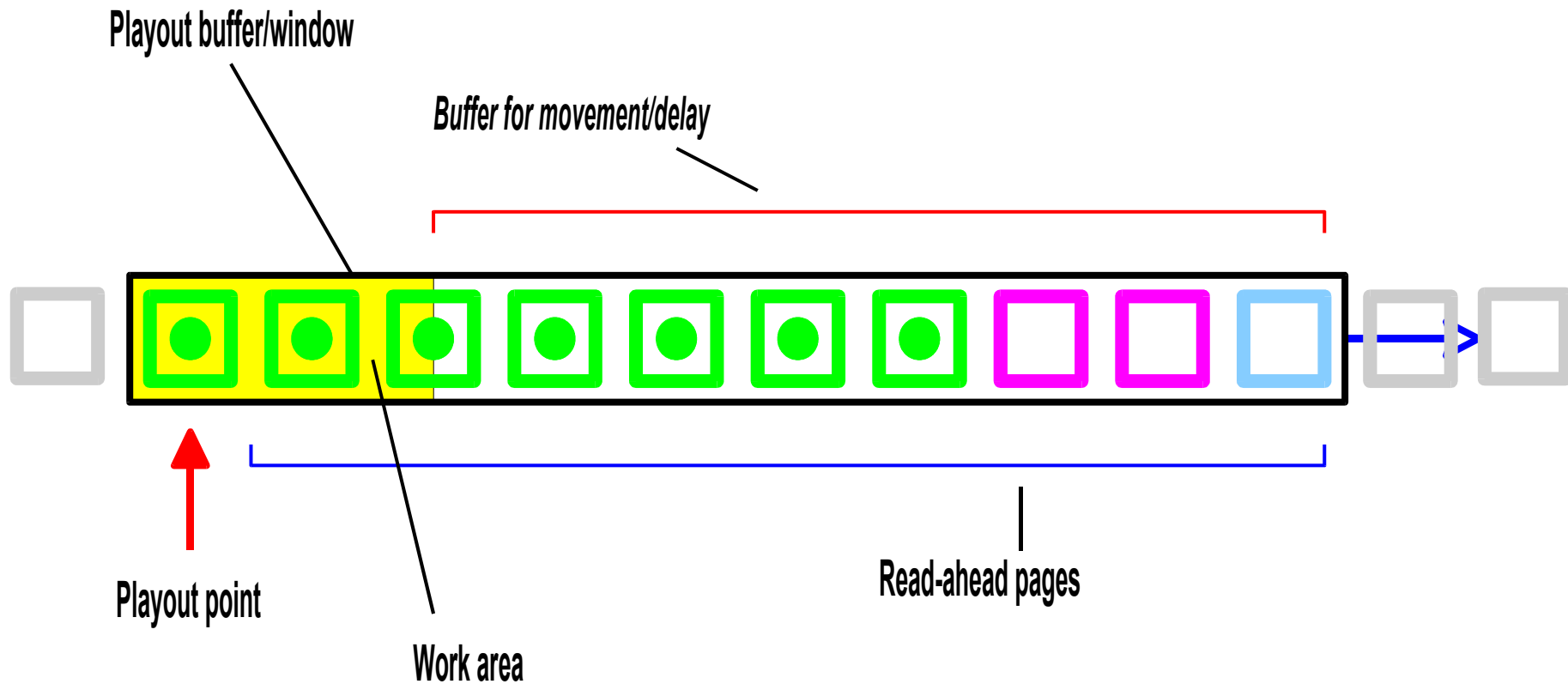
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Why priorities?

- Streams should play/record uninterrupted
- CE equipment (not much overkill)
- Multiple streams
 - admission control
 - enforce rate per stream
- Distinguish between RT and BE
- Give hints from application
- Have pages ready in page cache

Overview

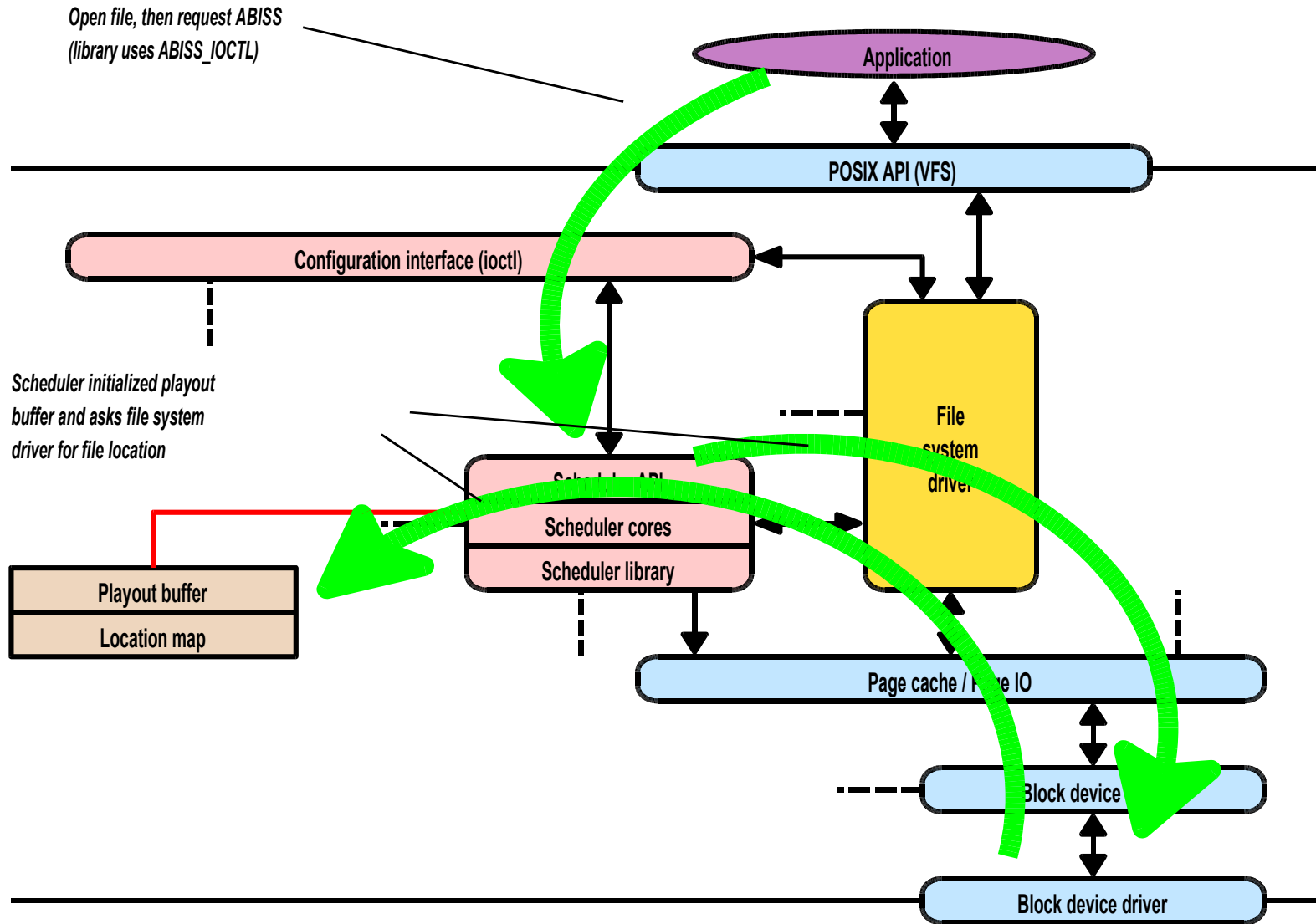




-  *Page is loaded and locked in memory*
-  *Page is being loaded*
-  *Page will be loaded later*
-  *Page status unknown to ABISS*

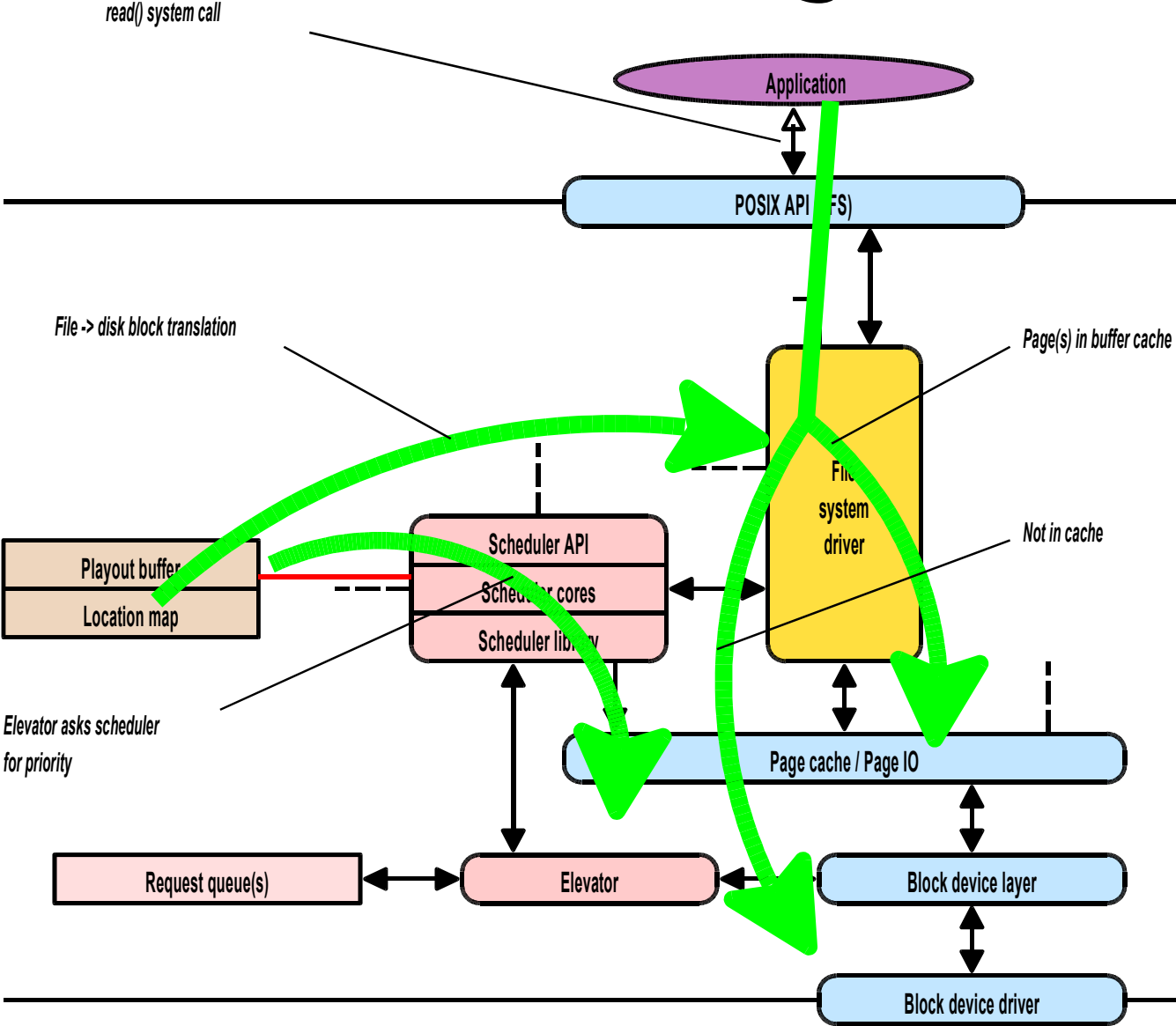
Example: interface of "test" scheduler.

Opening a file



Reading

Reading a file (read)



Update playout point

