

# SSTable

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1. Previous week analysis

2. Writable file to SSTable

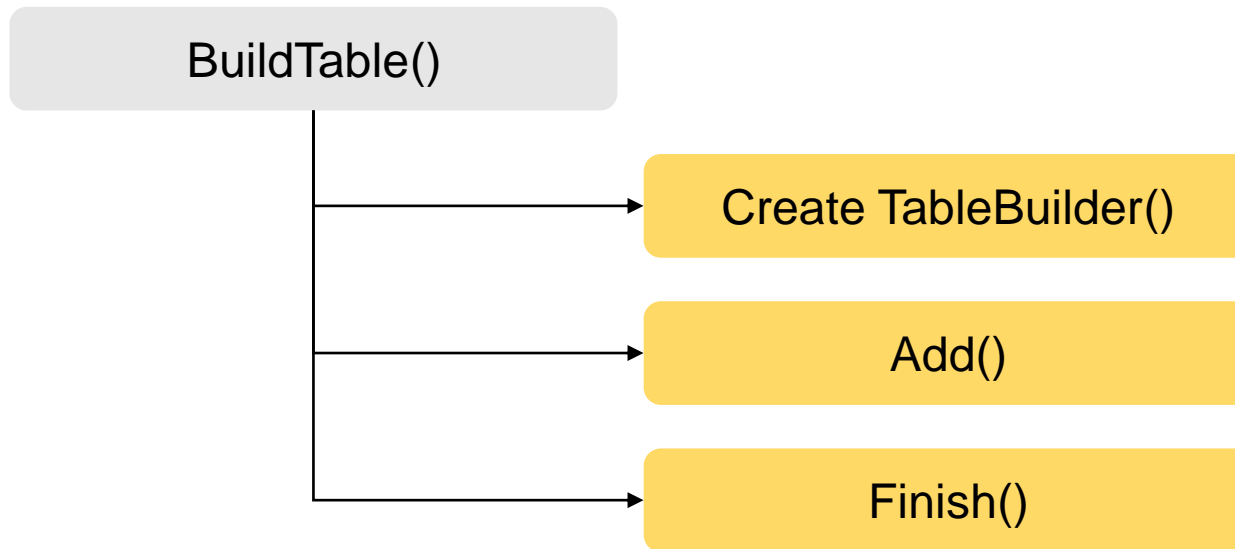
3. Appendix  
(Move written SSTable to cache)

- More about BuildTable() 's role

# 1. Previous week analysis

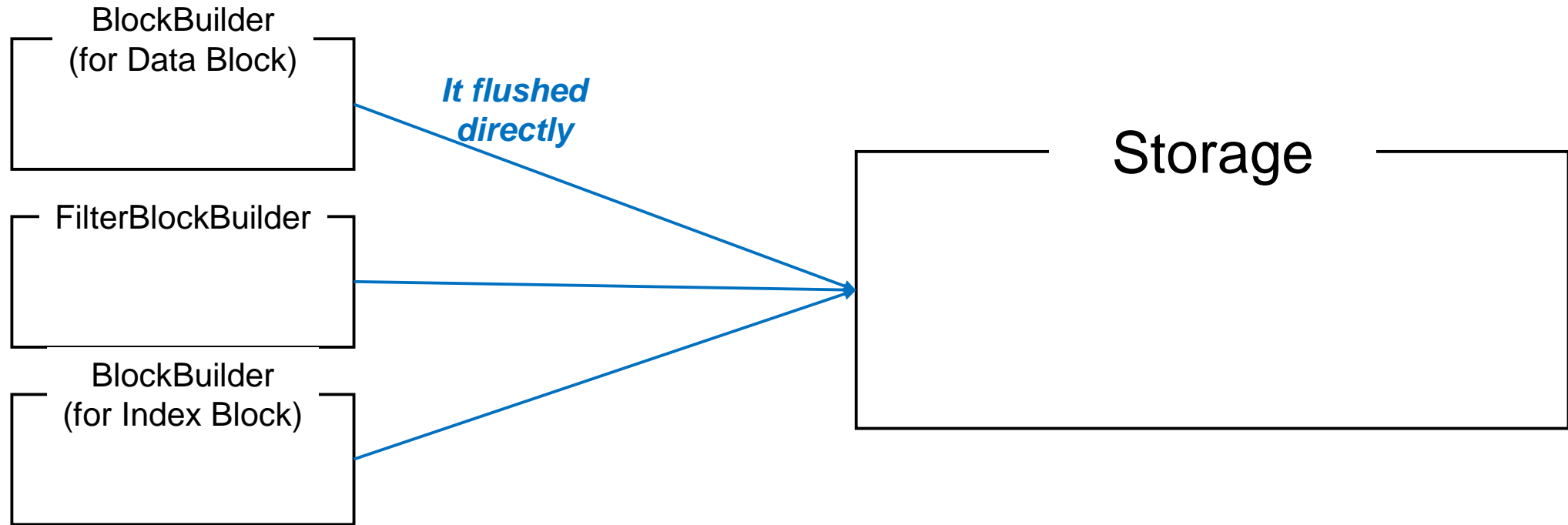
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- Build SSTable with memtable 's iterator in minor compaction
  - SSTable's name is meta->number



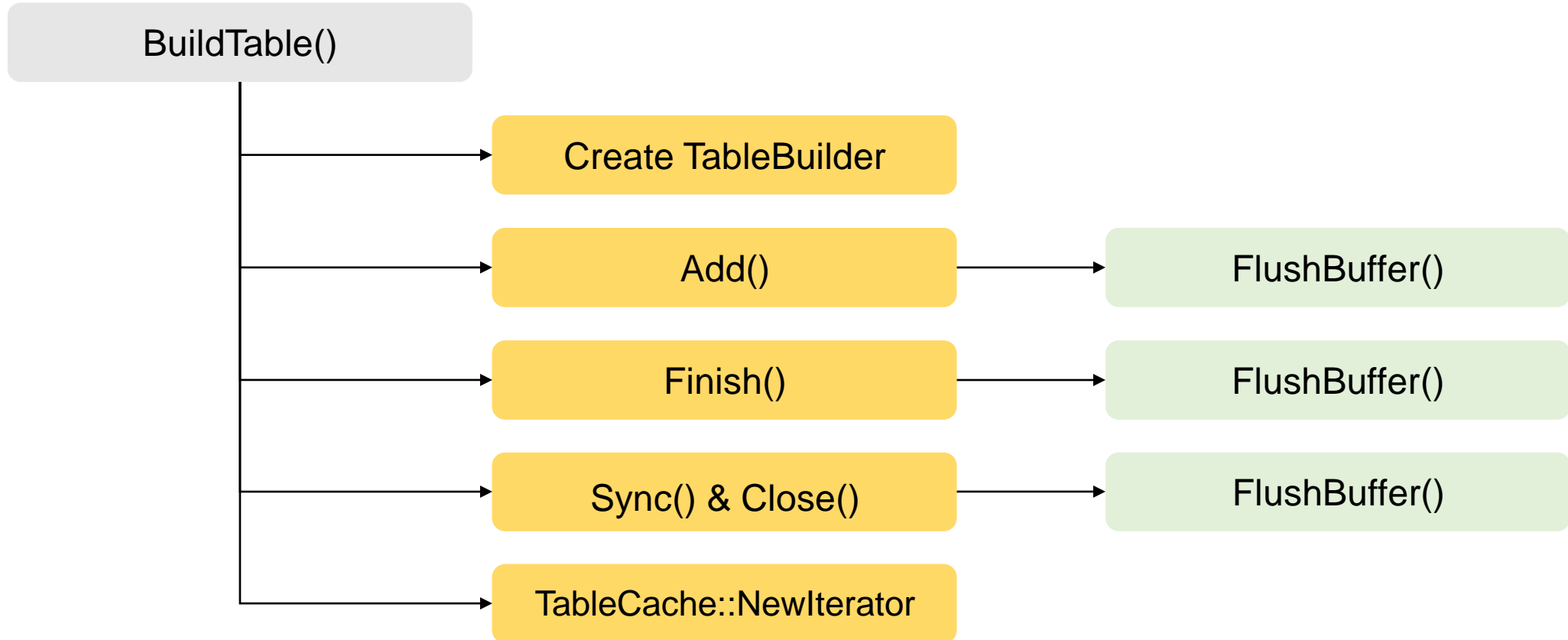
# Previous week analysis

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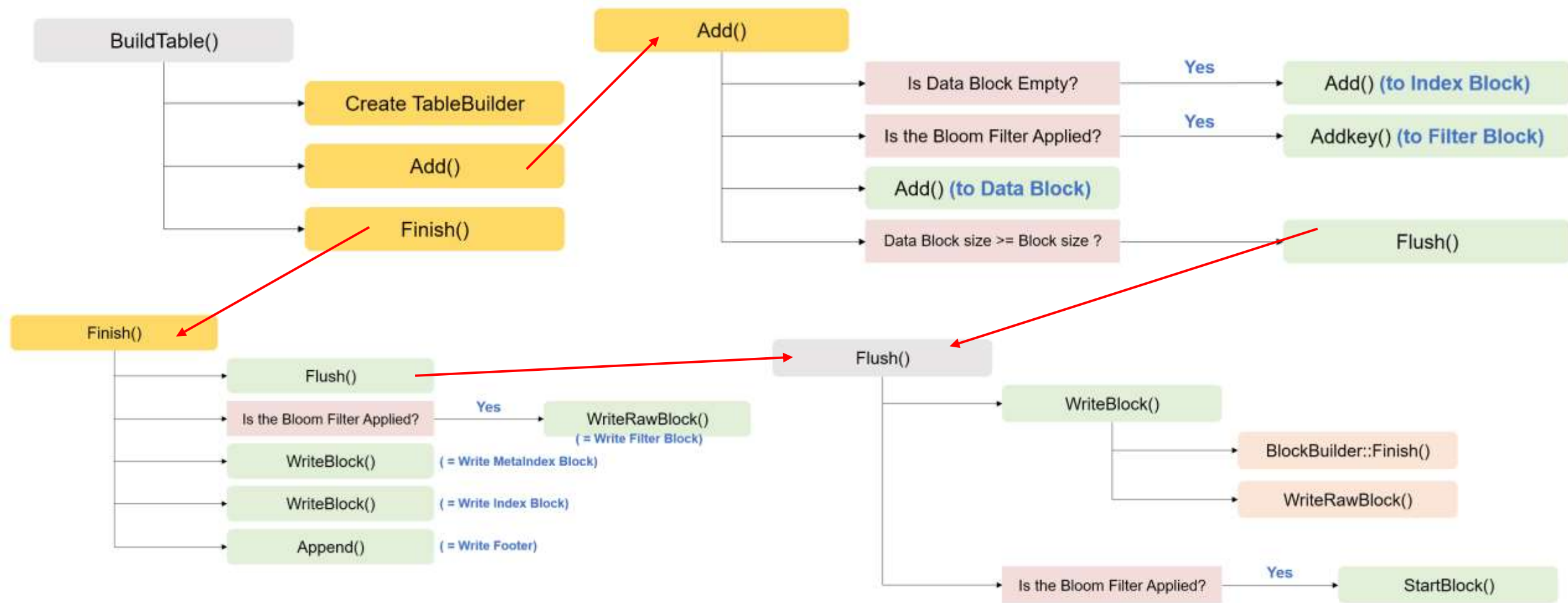


Actually, It was not!!

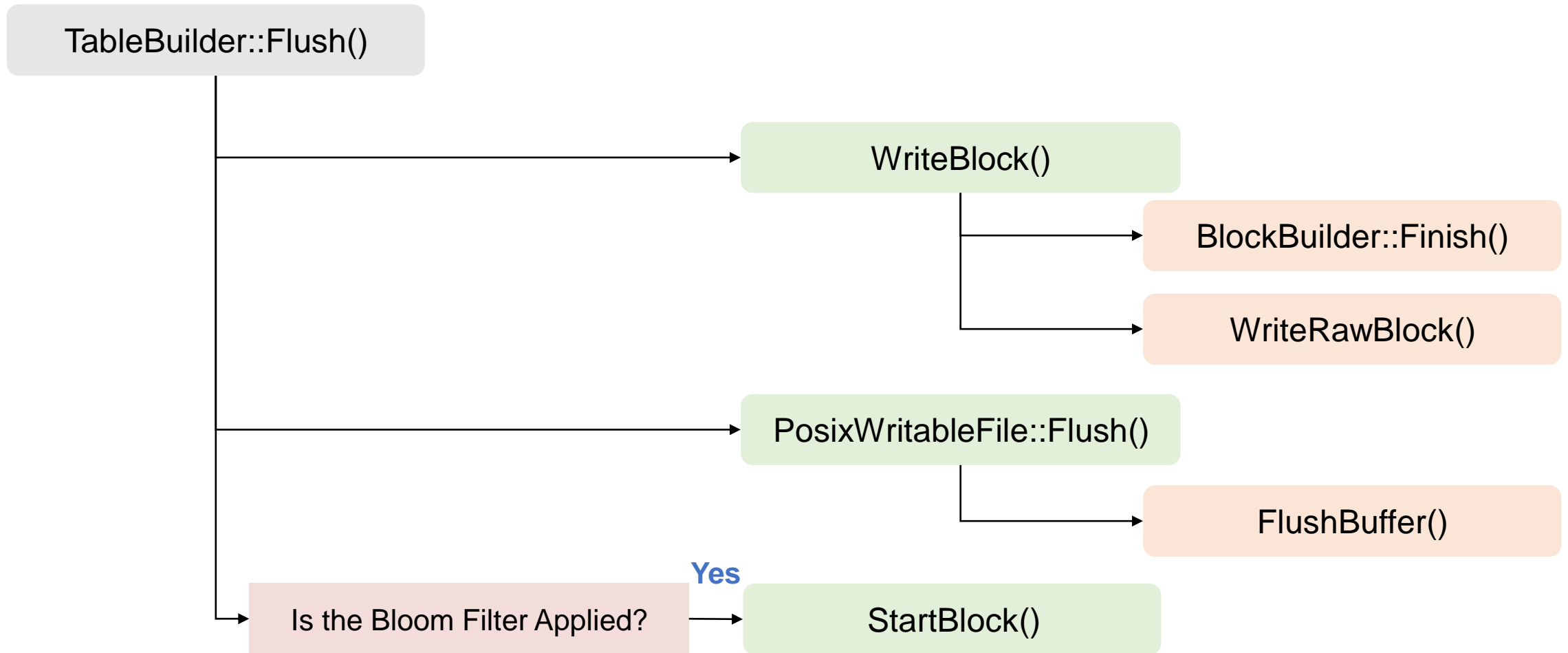
## 2. Writable file to SSTable



# Writable file to SSTable

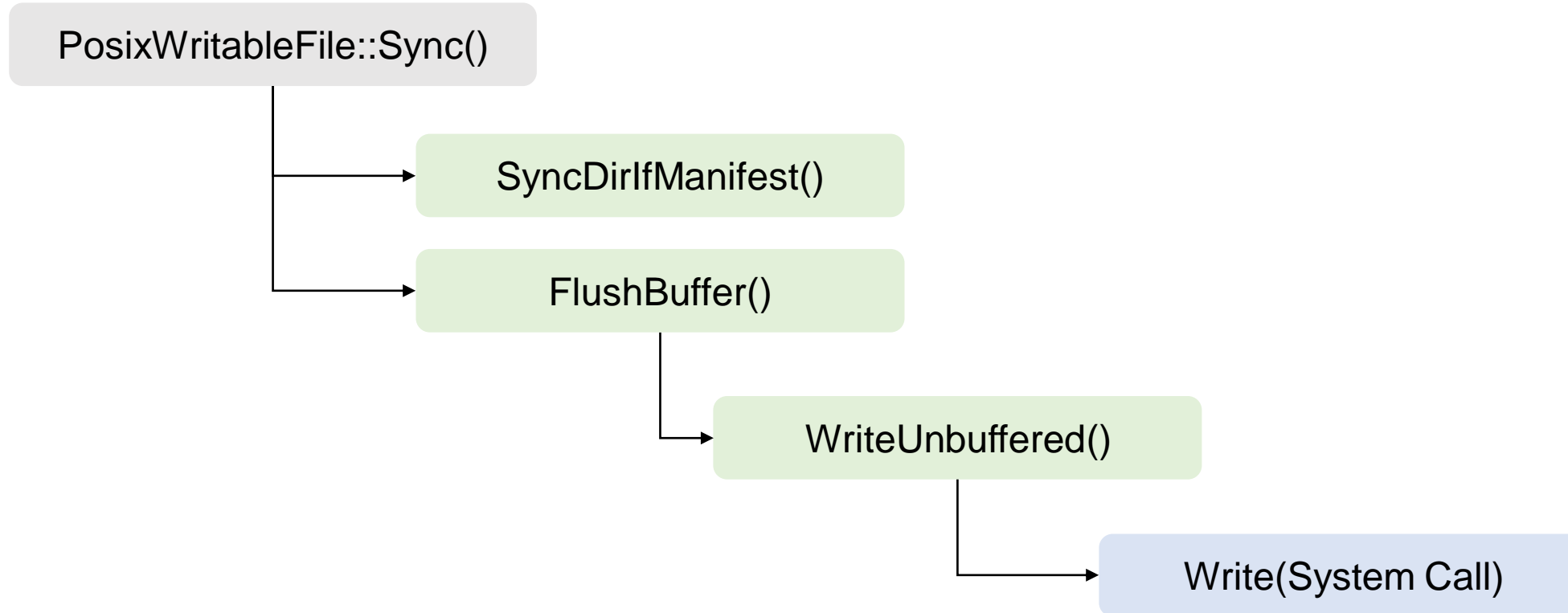


# Writable file to SSTable



# Writable file to SSTable

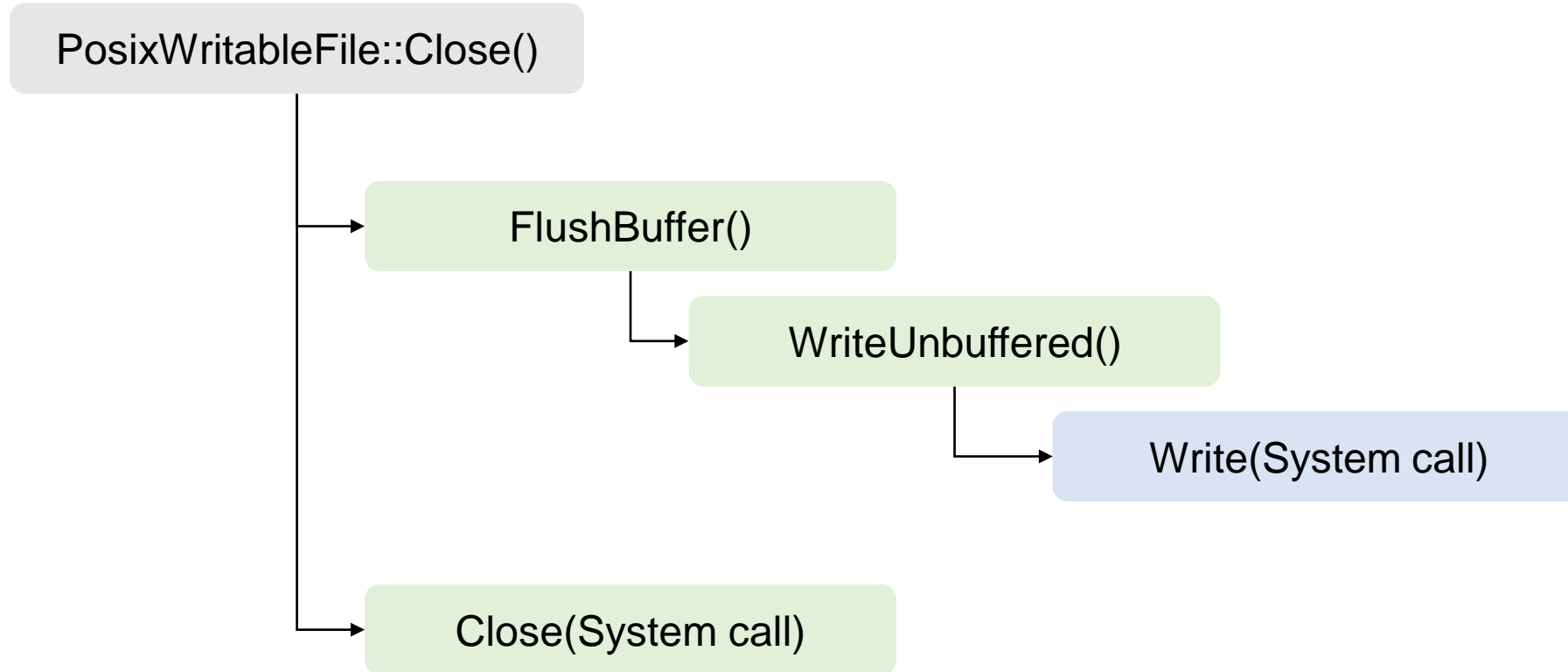
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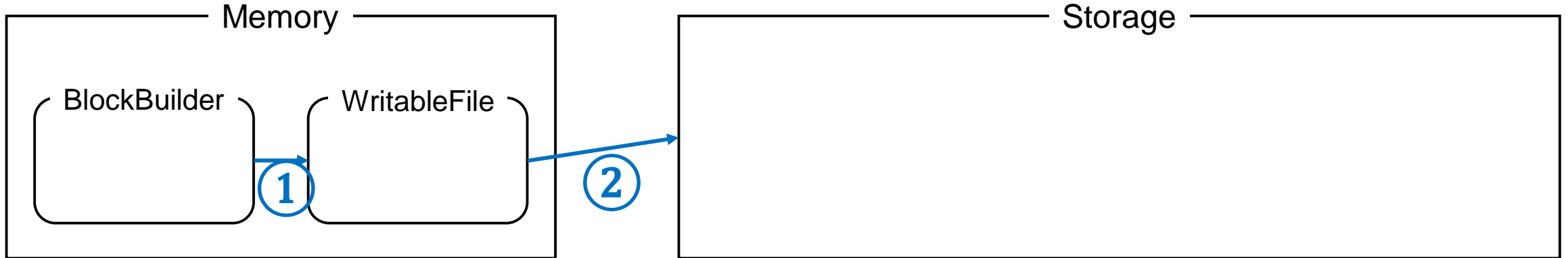
# Writable file to SSTable

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# Writable file to “storage SSTable”

1. Block contents are first stored in a “WritableFile”
2. Later, WritableFile`s contents are flushed.

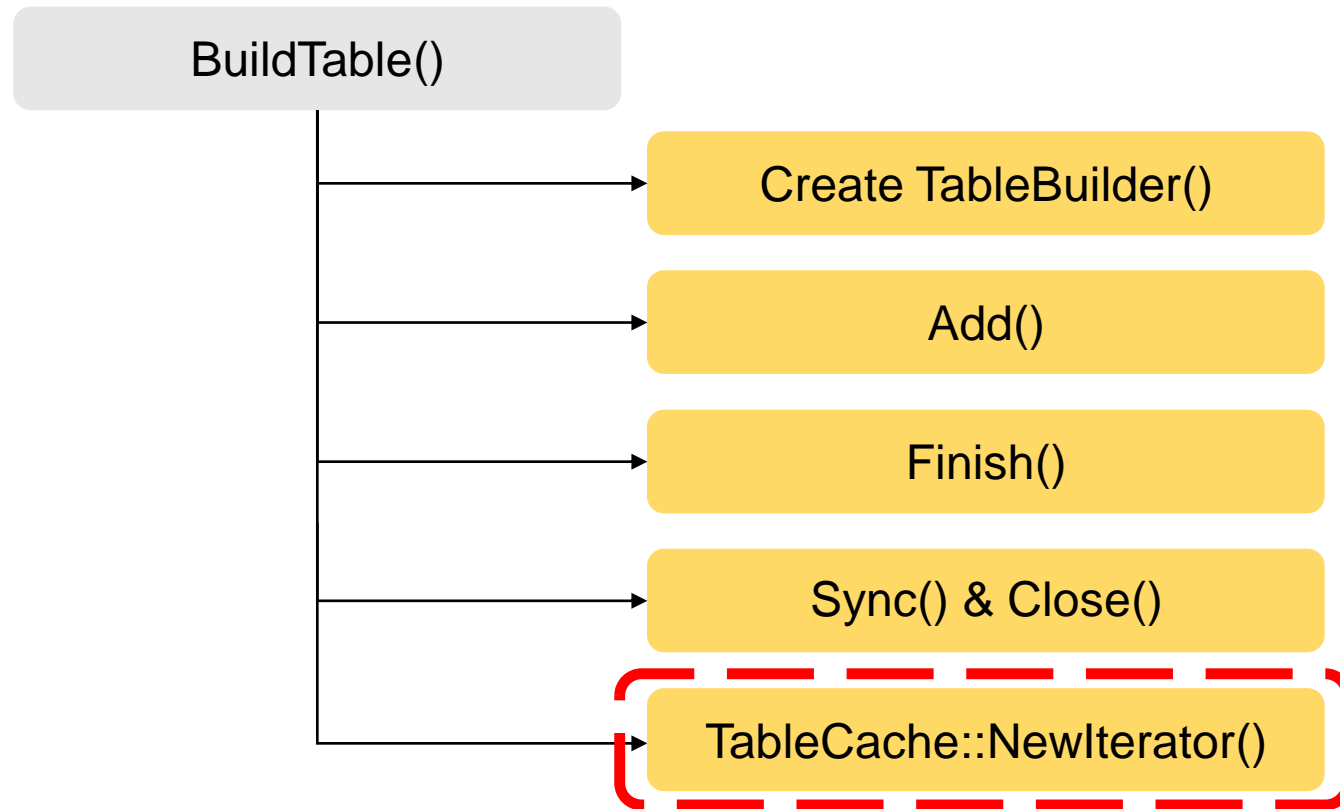


But..

- ✓ Data Block : flushed one by one
- ✓ Other Blocks : flushed together

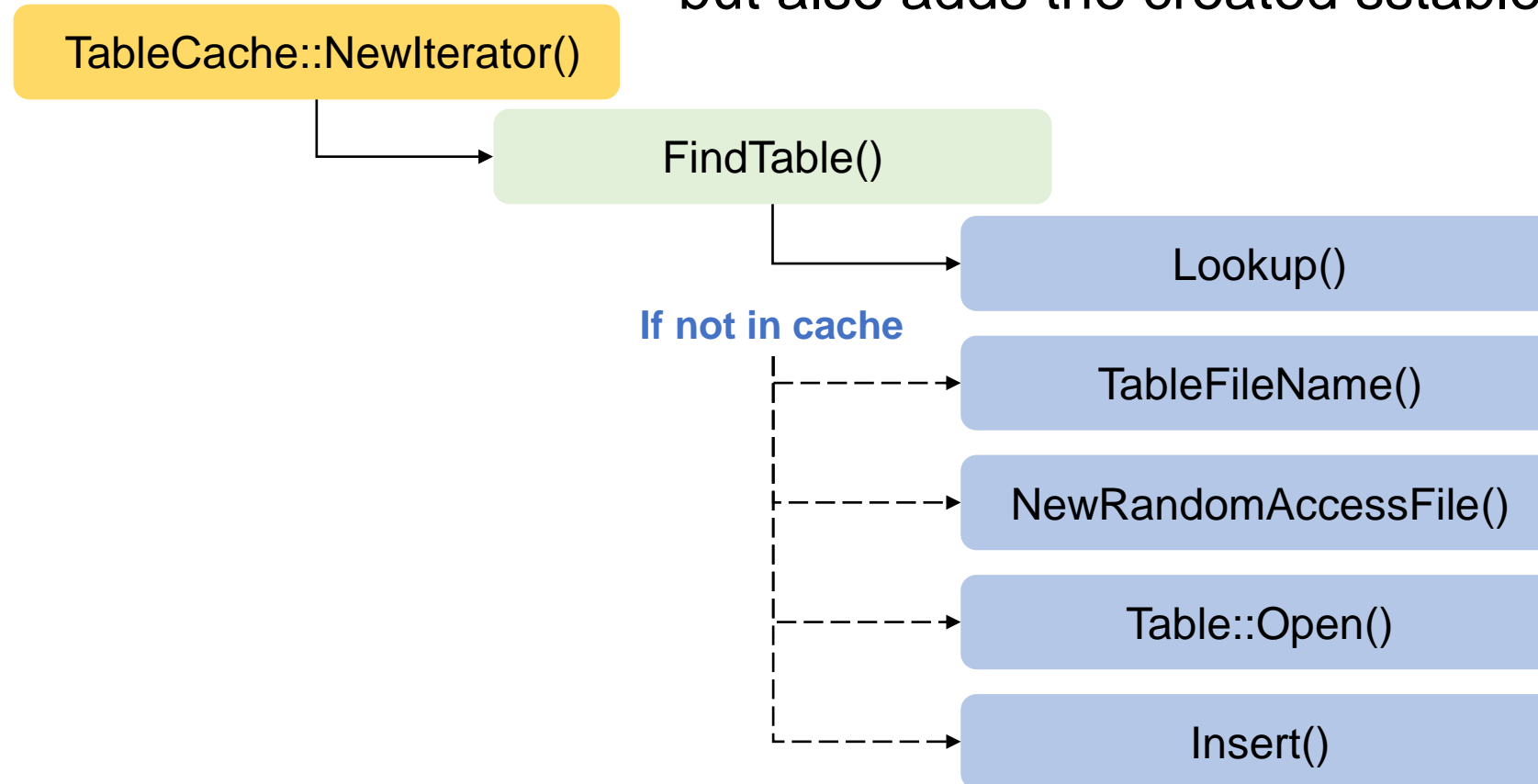
# 3. Appendix

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# Appendix

- BuildTable() not only creates SSTable,  
but also adds the created sstable to the cache



# Thank you