Team
Compaction

좌우꾸와쐰
E-Mail : erosbryant@dankook.ac.kr

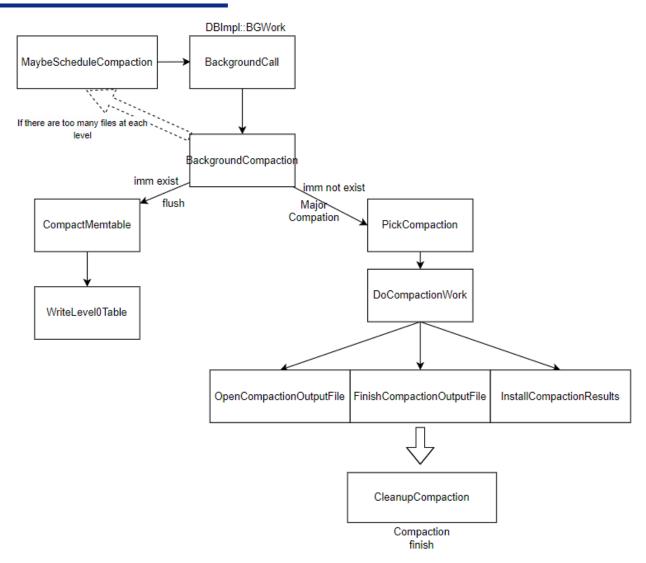발표: 강상우

E-Mail : aarom416@naver.com

DANKOOK UNIVERSITY

Dankook University
System Software Laboratory

Contents

- CleanupCompaction()

- DoCompactionWork() Detail

  - How data is put into the sstable?

  - Data code flow

DANKOOK UNIVERSITY

Dankook University
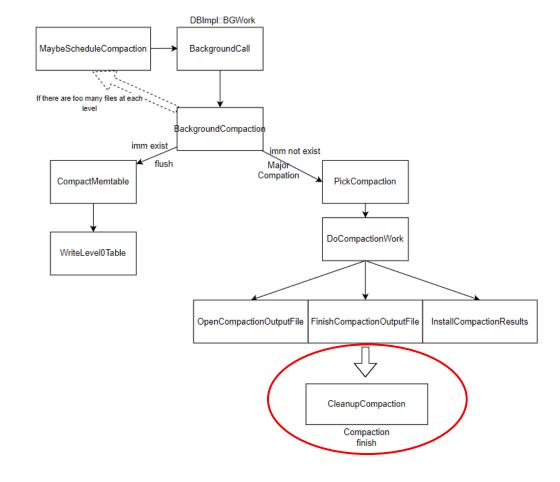System Software Laboratory

Overall Code Flow:

Overall Code Flow: CleanupCompaction()

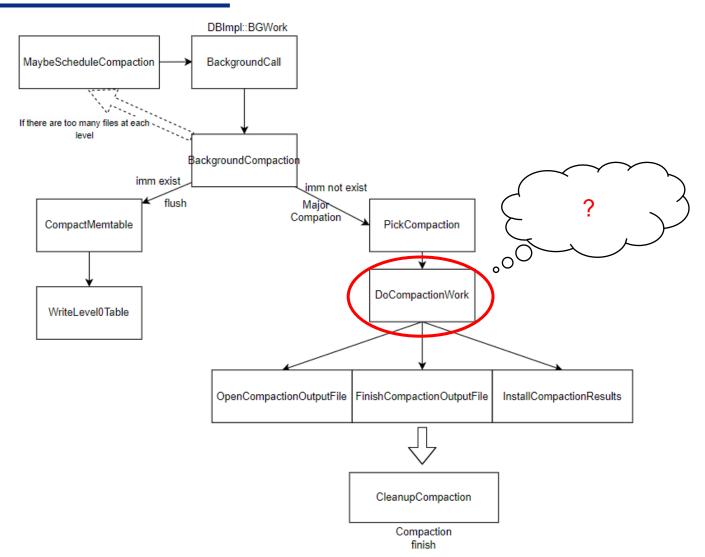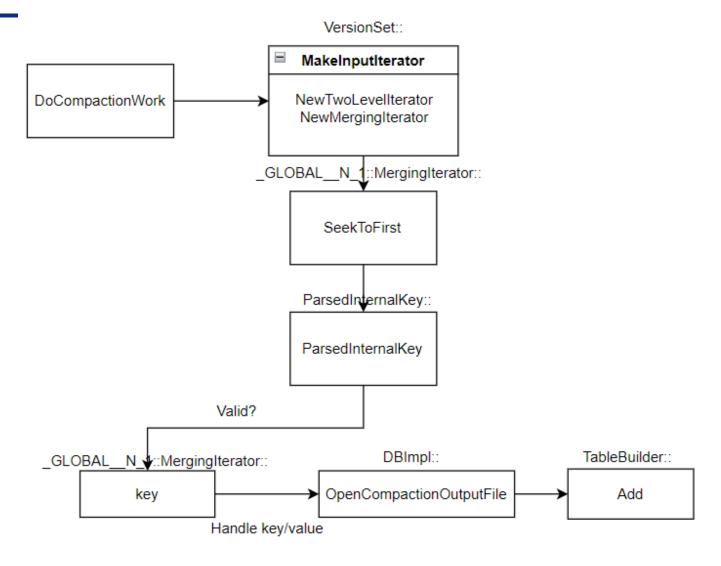CleanupCompaction

- Remove abnormal sstables
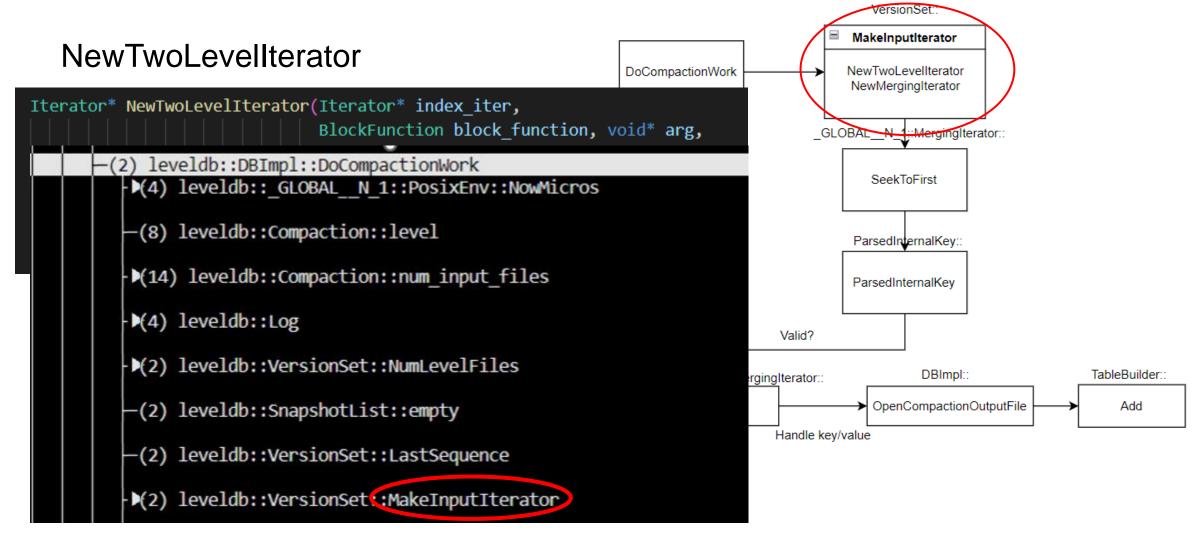
How data is put into the sstable?
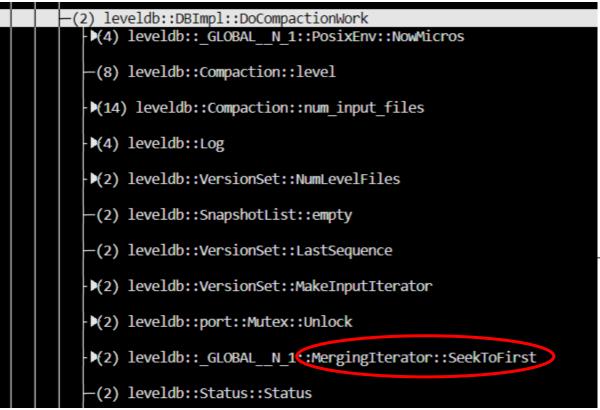
DoCompactionWork() Detail: Data Code Flow
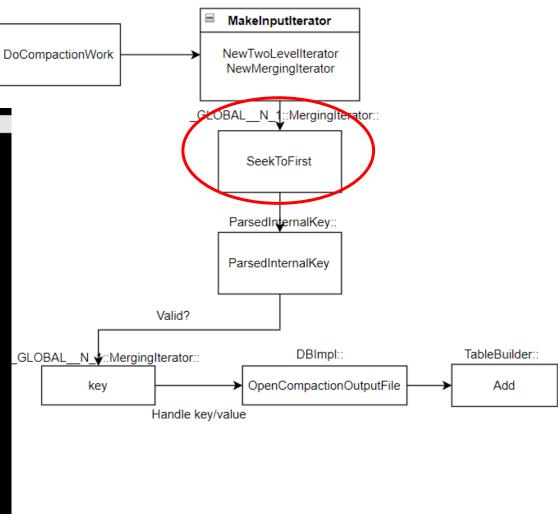
DoCompactionWork() Detail: MakeInputIterator()

NewTwoLevelIterator

DoCompactionWork() Detail: SeekToFirst()

SeekToFirst

- Position at the first key

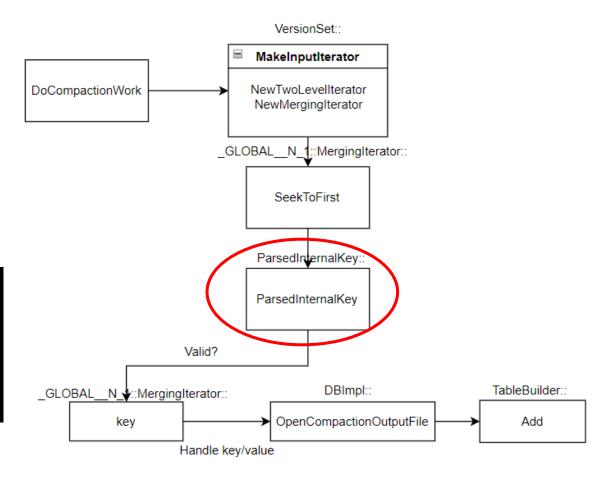# DoCompactionWork() Detail: ParsedInternalKey()

ParsedInternalKey

- Internalkey parsing
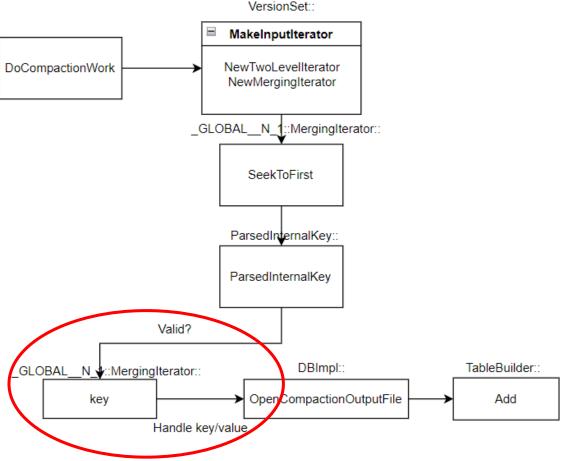
DoCompactionWork() Detail: MergingIterator::key()
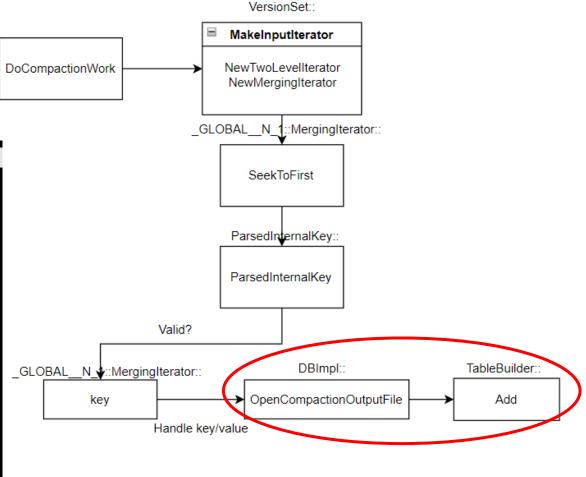
MergingIterator::key()

DoCompactionWork() Detail: Add key/value to sstable

OpenCompactionOutputFile

- ▪ Create new sstable

Thank you