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| Case 3 | |
| Description | Reads the contents of the specified block into the buffer's page. If the buffer was dirty, then the contents of the previous page are first written to disk. |
| Ground truth | void assignToBlock(BlockId blk){  internalLock.writeLock().lock();  try{  flush();  this.blk=blk;  contents.read(blk);  pins=**0**;  lastLsn=LogSeqNum. readFromPage(contents,LAST\_LSN\_OFFSET);}  finally{  internalLock.writeLock().unlock();}} |
| GB-CNN | void assignToBlock(fileMetadata){  internalLock.get(name);  try{  this.blk=blk;  contents.read(blk);  lastLsn=LogSeqNum. toString(address);}  finally{  return this.currentState;}} |
| TreeGen | void assignToBlock(BlockId blk){  internalLock.writeLock().lock();  try{  getF1();  this.blk=blk;  getBytes();  pins=**0**;}  finally{  mReorderAlarm.cancelAlarm();  return blk;}} |
| ADG-Seq2Seq | void assignToBlock(BlockId blk){  internalLock.writeLock().lock();  try{  this.blk=blk;  contents.read(blk);  lastLsn=readPage(contents, LAST\_LSN\_OFFSET);}  finally{  internalLock.writeLock().unlock();}} |