

1. abstraction:HRegion
2. crash point:after write
3. bug type:TOF
4. timing:crash

```
1  /*system version:hbase-0.90.2
2  *
   oorg.apache.hadoop.hbase.regionserver.HRegionServer#removeFrom
   OnlineRegions#2239
3  * need calling contex, four caller
4  */
5  protected final Map<String, HRegion> onlineRegions =//inferred
   from HRegion
6      new ConcurrentHashMap<String, HRegion>();
7  public boolean removeFromOnlineRegions(final String
   encodedName) {
8      HRegion toReturn = null;
9      toReturn = this.onlineRegions.remove(encodedName);//crash
10     return toReturn != null;
11 }
```