- 1. abstraction:NO(byte[])
- 2. crash point:after write
- 3. bug type:TOF
- 4. timing:crash

```
/* system-version:hbase-0.90.2
  * crash
  point:org.apache.hadoop.hbase.catalog.MetaEditor#offlineParent
  InMeta#85
  * no calling contex
4 */
  public static final byte [] META_REGION
  =HRegionInfo.FIRST_META_REGIONINFO.getRegionName();
  //no way to find the abstraction for the META_REGION
  put(CatalogTracker.META_REGION, put);
```