

doris::BaseCompaction
::execute_compact_impl

doris::ColdDataCompaction
::execute_compact_impl

doris::CumulativeCompaction
::execute_compact_impl

get_compaction_permits

```
graph LR; A[doris::BaseCompaction::execute_compact_impl] --> D[get_compaction_permits]; B[doris::ColdDataCompaction::execute_compact_impl] --> D; C[doris::CumulativeCompaction::execute_compact_impl] --> D;
```

The diagram illustrates a common method call pattern. Three boxes on the left represent different Doris compaction classes: `doris::BaseCompaction::execute_compact_impl`, `doris::ColdDataCompaction::execute_compact_impl`, and `doris::CumulativeCompaction::execute_compact_impl`. Blue arrows from each of these boxes point to a single gray box on the right labeled `get_compaction_permits`, indicating that all three classes utilize this common method.