B^+

??
Driver
Metastore
Thrift
CLI
Thrift
WEBGUI

map
out-
put
keytable-
name-
tag-
prefix
+
join-
column-
value
join-
column-
value
map
out-
put
keytable-
name-
tag-
prefix
+mapjoin(map_table)
hive.auto.convert.join=truehive.smalltable.filesize
hive.optimize.bucketmapjoin=truebucket
map
join

Bucket
Map
Join
Bucket
Map
JoinMap
Side
JoinMap
Side
JoinBuckethivehash
par-
ti-
tion:create
ta-
ble
a
(xxx)
par-
ti-
tion
by
(col_name)

Map
Side
Join
Map
Side
Joinside
data
dis-
tri-
bu-
tion

'select
*
from
ca-
ble.testData
where
car-
dId=80000364;'set
mapred.max.split.size=128000000;

create
ta-
ble
ca-
ble.TempTable
as
se-
lect
car-
dId,Date,Time
as
text
from
ca-
ble.testData;

```
create index TempTable_index on table TempTable(cardId)
as 'org.apache.hadoop.hive.ql.index.compact.CompactIndexHandler'
with deferred rebuild;
alter index TempTable_index on TempTable rebuild;
--TempTable_index
--TempTable_index
select * from cable.cable__temptable_temptable_index__ limit 10;
-- ,/tmp/table02_index_datahdfs;
Insert overwrite directory "/tmp/table02_index_data"
select `_bucketname`,`_offsets` from cable.cable__temptable_temptable_index__
```