

Broadcast stage(end_node_id 12): item,10000FileScan->Filter->Project->BroadcastExchange

Broadcast stage(end_node_id 19): date_dim,10000FileScan->Filter->Project->BroadcastExchange

First stage (end_node_id 7): File Scan inventory,0FileScan->Filter->Project->BroadcastHashJoin->Project->BroadcastHashJoin->Project->ExchangeHashpartitioning

First stage (end_node_id 24): File Scan catalog_sales,1655.9FileScan->Filter->ExchangeHashpartitioning

NormalStage (end_node_id 2): length of beginNodesToChains is 2
[2,0,2,2,2,2,0,0]
Chain 0 is : Sort [i_item_sk#0 ASC NULLS FIRST], false, 0
Sort->SortMergeJoin->Project->HashAggregate->ExchangeHashpartitioning
Chain 1 is : Sort [cs_item_sk#69 ASC NULLS FIRST], false, 0
Sort->SortMergeJoin->Project->HashAggregate->ExchangeHashpartitioning

NormalStage (end_node_id 0): length of beginNodesToChains is 1
[1,0,0,1,0,0,0,0]
Chain 0 is : HashAggregate(keys=[i_item_id#1, i_item_desc#4, i_current_price#5], functions=[])
HashAggregate->TakeOrderedAndProject