

Broadcast stage(end_node_id 15): reason,10000FileScan->Filter->Project->BroadcastExchange

First stage (end_node_id 12): File Scan store_returns,1660.0FileScan->Filter->ExchangeHashpartitioning

First stage (end_node_id 9): File Scan store_sales,15217.4FileScan->ExchangeHashpartitioning

NormalStage (end_node_id 2): length of beginNodesToChains is 2
[2,2,4,2,2,2,0,0]
Chain 0 is : Sort [sr_item_sk#27 ASC NULLS FIRST, sr_ticket_number#34L ASC NULLS FIRST], false, 0
Sort->SortMergeJoin->Project->BroadcastHashJoin->Project->HashAggregate->ExchangeHashpartitioning
Chain 1 is : Sort [ss_item_sk#4 ASC NULLS FIRST, ss_ticket_number#11L ASC NULLS FIRST], false, 0
Sort->SortMergeJoin->Project->BroadcastHashJoin->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=[ss_customer_sk#5], functions=[sum(act_sales#0)])
HashAggregate->TakeOrderedAndProject