**mapReduce**

pktc@pktc-Veriton-M480:~/mongodb-linux-x86\_64-2.6.4/bin$ ./mongo

MongoDB shell version: 2.6.4

connecting to: test

> db.createCollection("orders")

{ "ok" : 1 }

> db.orders.insert({Cust\_id:"A123",amount:500,status:"A"})

WriteResult({ "nInserted" : 1 })

> db.orders.insert({Cust\_id:"A123",amount:250,status:"A"})

WriteResult({ "nInserted" : 1 })

> db.orders.insert({Cust\_id:"B212",amount:200,status:"A"})

WriteResult({ "nInserted" : 1 })

> db.orders.insert({Cust\_id:"A123",amount:300,status:"D"})

WriteResult({ "nInserted" : 1 })

> db.orders.mapReduce(function()

{

emit(this.Cust\_id,this.amount);

},

function(key,values)

{

return Array.sum(values)

},

{

query:{status:"A"},out:"order\_totals1"

})

Output

{

"result" : "order\_totals1",

"timeMillis" : 56,

"counts" : {

"input" : 3,

"emit" : 3,

"reduce" : 1,

"output" : 2

},

"ok" : 1

}

Check

> db.order\_totals1.find()

{ "\_id" : "A123", "value" : 750 }

{ "\_id" : "B212", "value" : 200 }