

presto insert overwrite table

要想实现可通过设置hive.insert_existing_partitions_behavior参数。 默认append模式

目前支持三种模式:

```
set session hive.insert_existing_partitions_behavior = 'overwrite';  
set session hive.insert_existing_partitions_behavior = 'append';  
set session hive.insert_existing_partitions_behavior = 'error';
```

用presto 覆盖分区hive分区

```
hive.properties  
hive.non-managed-table-writes-enabled=true  
hive.storage-format=Parquet  
hive.max-partitions-per-writers=1000
```

分区覆盖测试

```
create table t_p  
(id string)  
partitioned by(dt string);
```

```
insert overwrite table t_p partition(dt=1) select 3  
insert overwrite table t_p partition(dt=2) select 4  
insert into t_p partition(dt=1) select 1
```

*	id	dt
1	3	1
2	1	1
3	2	2

```
set session hive.insert_existing_partitions_behavior = 'overwrite';  
insert into hive.default.t_p select * from hive_old.default.t_p where dt='1'
```

*	id	dt
1	2	2
2	1	1

```
set session hive.insert_existing_partitions_behavior = 'append';  
insert into hive.default.t_p select * from hive_old.default.t_p where dt='1'
```

*	id	dt
1	3	1
2	1	1
3	1	1
4	2	2

```
set session hive.insert_existing_partitions_behavior = 'error';  
insert into hive.default.t_p select * from hive_old.default.t_p where dt='1'
```

[Code: 16777236, SQL State:] Query failed (#20200618_055246_00065_aibe2): Cannot insert into an existing partition of Hive table: dt=1

--结论

overwrite 模式，会覆盖整个分区数据

append模式，会增加，不会去重的

error模式，已经存在的分区会报错

生产实战

```
set session hive.insert_existing_partitions_behavior = 'overwrite';
```

```
insert into hive.baofoo_fi.fi_b2cbank_order select * from hive_old.baofoo_fi.fi_b2cbank_order where pk_month='2016-01'
```

外部表 路径不一致的操作

```
hadoop fs -mv
```

```
hdfs://192.168.81.40:8020/user/hive/warehouse/baofoo_cutpayment.db/protocol_payment_order_pq/pk_year=2020/pk_month=07/pk_day=2020-07-04 /tmp
```

```
insert into hive_old.BAOFOO_CUTPAYMENT.protocol_payment_order select * from  
hive.BAOFOO_CUTPAYMENT.protocol_payment_order where pk_day='2020-07-04'
```

```
refresh BAOFOO_CUTPAYMENT.protocol_payment_order
```