```
--------------------Use Case 1---------------------
cepAdm.createEPL("create schema countEventType (timeStamp Long , userCount Long,
channel String) ");
EPStatement inertStatement = cepAdm
        .createEPL("     "
        + "insert into countEventType "
        + "select  "
        + "(select count(*)  "
        + "from UserEvent.win:time_batch( "+ windowSize +" sec)  as ue "
        + "where "
        + "ce.userChannel = ue.userChannel "
        + "and ue.userAction = '<vistaTV:quit>' "
        + ") "
        + "+ (select count(*)  "
        + "from UserEvent.win:time_batch( "+ windowSize +" sec) as ue "
        + "where "
        + "ce.userChannel = ue.userChannel "
        + "and ue.userAction = '<vistaTV:join>' "
        + ") "
        + " as userCount , ce.userChannel as channel ,  (current_timestamp + 1000L) as
timeStamp "
        + "from "
        + "UserEvent.win:time_batch( "+ windowSize +" sec) as ce "
        + "group by ce.userChannel  "
        );
EPStatement countEventCopyStatement = cepAdm
.createEPL("insert into countEventType "
        + "select sum(userCount) as userCount, channel as channel , (current_timestamp +
1000L) as timeStamp "
        + "from countEventType.win:time_batch( "+ windowSize +" sec) "
        + "group by channel  "
        + " ");

EPStatement initChannelItatement =
cepAdm.createEPL("                                        "
        + "insert into countEventType "
        + "select 1L as userCount, ue.userChannel as channel , ue.timeStamp as timeStamp "
        + "from UserEvent(userAction='<vistaTV:join>').win:length(1) as ue "
        + "Where not exists  "
        + "( "
        + "select *  "
        + "from countEventType.win:time_batch( "+ windowSize +" sec) as ce where ce.channel
= ue.userChannel "
```

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        + ") "
        );


EPStatement countEventLogStatement = cepAdm
.createEPL("select sum(userCount) as counter, ce.channel as channel "//, current_timestamp as
currentTime "//, ce.channel "
        + "from countEventType.win:time_batch( "+ windowSize +" sec) as ce "
        + "group by ce.channel  "
        + " ");


--------------------Use Case 2---------------------
EPStatement insertInoNextFact = cepAdm.createEPL(" "
        + "insert into UserEventSession "
        + "select  (current_timestamp + "+windowSize+"000L ) as timeStamp, originalTime as
originalTime, ce.session as session, ce.userName as userName, '<vistaTV:join>' as userAction,
ce.userChannel as userChannel "
        + "from UserEventSession.win:time_batch( "+windowSize+" sec ).std:unique(session)
ce "
        + "Where ce.userAction = '<vistaTV:join>' "
        );


EPStatement outputDuration = cepAdm.createEPL(" "
        + "select  userChannel "//, (current_timestamp - originalTime), originalTime "
        + "from UserEventSession.win:time_batch( "+windowSize+" sec
).std:unique(session)"//.win:length(1)"
        + "where UserEventSession.userAction = '<vistaTV:join>'"
        + "group by userChannel"
        );
```