According to https://issues.apache.org/jira/browse/FLINK-9740 this isuse, I have a general idea:

* *Increase in DataStreamLogicalWindowAggregateRule.scala processing logic of the month*
* call.getOperands.get(idx) match {

 case v: RexLiteral if v.getTypeName.getFamily == SqlTypeFamily.INTERVAL\_DAY\_TIME => case v: RexLiteral if v.getTypeName.getFamily == SqlTypeFamily.INTERVAL\_DAY\_TIME =>

 v.getValue.asInstanceOf[JBigDecimal].longValue() v.getValue.asInstanceOf[JBigDecimal].longValue()

 case v: RexLiteral if v.getTypeName.getFamily == SqlTypeFamily.INTERVAL\_YEAR\_MONTH =>

 v.getValue.asInstanceOf[JBigDecimal].longValue()

 case \_ => throw new TableException("Only constant window intervals with millisecond and months resolution are supported.")

}
* *Increase in DataStreamGroupWindowAggregate.scala processing logic of the month*
* case TumblingGroupWindow(\_, timeField, size)

 if isRowtimeAttribute(timeField) && isMonthsIntervalLiteral(size) =>

 stream.window(TumblingEventTimeWindows.of(toMonths(size)))
* *Increase in ExpressionUtils.scala processing logic of the month*
* private[flink] def isMonthsIntervalLiteral(expr: Expression): Boolean = expr match {

 case Literal(\_, TimeIntervalTypeInfo.INTERVAL\_MONTHS) => true

 case \_ => false

}

private[flink] def toMonths(expr: Expression): FlinkTime = expr match {

 case Literal(value: Long, TimeIntervalTypeInfo.INTERVAL\_MONTHS) =>

 FlinkTime.months(value)

 case \_ => throw new IllegalArgumentException()

}
* *I want to add a WindowTimeAssigner to assignWindows method to assign the month logic be TumblingEventTimeWindows these inheritance*
* Date date = new Date(timestamp);

Calendar cal = Calendar.getInstance();

cal.setTime(date);

cal.add(Calendar.MONTH, monthSize);

this.size = cal.getTimeInMillis() - timestamp;
* *Add tests to groupwindowtest.scala*
* @Test

def TestWindowForMonthsInterval(): Unit = {

 RunWindowForMonthsInterval("TUMBLE", "interval '10' month")

 RunWindowForMonthsInterval("TUMBLE", "INTERVAL '2-10' YEAR TO MONTH")

 RunWindowForMonthsInterval("HOP", "INTERVAL '1' MONTH, INTERVAL '10' MONTH")

 RunWindowForMonthsInterval("HOP", "INTERVAL '1' MONTH, INTERVAL '2-10' YEAR TO MONTH")

 RunWindowForMonthsInterval("SESSION", "interval '10' month")

 RunWindowForMonthsInterval("SESSION", "INTERVAL '2-10' YEAR TO MONTH")

}