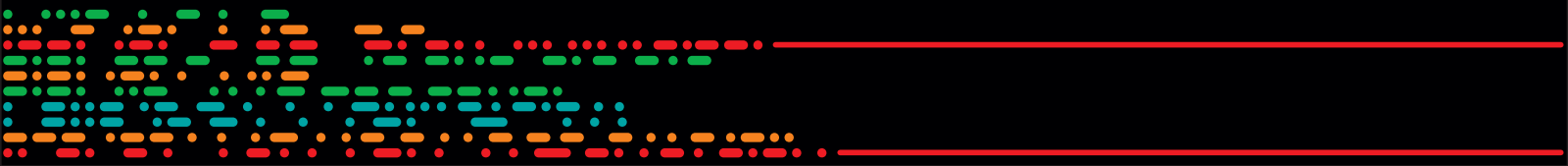




Activity Stream

Advanced data processing in real-time





- Low-Latency Capturing
- Simple Ingestion

- Push Notifications
- Rich Query API



- Actionable Intelligence
- Real-Time Analytics
- Real-Time Dashboards

- Business Activity Insight
- Historical Analytics
- Advanced Data Mining
- Complete Auditing Log

- RabbitMQ
- REST, Thrift

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- REST, Thrift



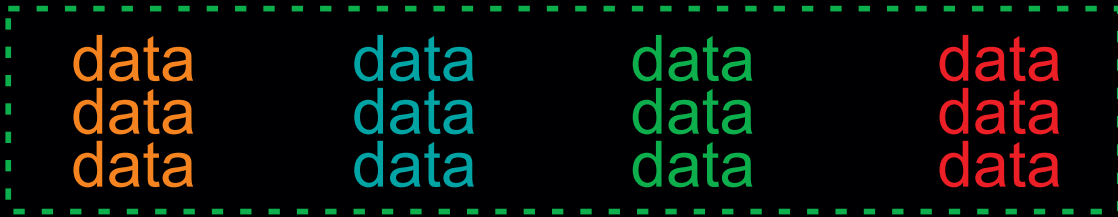
- Java, Akka
- Esper
- OrientDB (Titan/Neo4j)
- Mahout ... etc.

- Druid
- Orientdb (Titan/Neo4j)
- Cassandra

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queries

queries

queries

queries



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EPL = SQL + Time Windows + Patterns + More

Time Window:

```
select ipaddress, count(*) from  
SecurityFilter.win:time(60 sec) group by ipaddress
```

```
select distinct * from  
TempSensorEvent.win:time_length_batch(10, 100)
```

```
select count(*) from MyEvent(somefield = 10).win:time(3  
min) having count(*) >= 5 output first every 3 minutes
```

Patterns:

```
insert into playbackAbandoned select a.device_id as  
device_id, a.session_id as session_id,  
current_timestamp.toDate() as occurred_at from pattern  
[every a=clientHeartbeat() -> (timer:interval(20 seconds)  
and not clientHeartbeat(device_id=a.device_id) and not  
playbackStopped(device_id=a.device_id))]",
```

Thank you

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