

```
CREATE TABLE logs (
  app_id TEXT,
  log_level TEXT,
  timestamp TIMESTAMP,
  log_id UUID,
  message TEXT,
  PRIMARY KEY ((app_id), log_level, timestamp)
) WITH CLUSTERING ORDER BY (log_level ASC, timestamp DESC);
```

```
INSERT INTO logs (log_id, app_id, log_level, message, timestamp)
VALUES (uuid(), 'app1', 'INFO', 'Application successfully started', toTimestamp(now()));
```

Все логи для app_id = 'app1':

```
SELECT * FROM logs WHERE app_id = 'app1';
```

Логи уровня INFO для app_id = 'app1':

```
SELECT * FROM logs WHERE app_id = 'app1' AND log_level = 'INFO';
```

```
scylla@cqlsh> CREATE KEYSPACE my_keyspace
... WITH replication = {'class': 'SimpleStrategy', 'replication_factor': 3};
scylla@cqlsh> USE my_keyspace;
scylla@cqlsh:my_keyspace> CREATE TABLE logs (
...   app_id TEXT,
...   log_level TEXT,
...   timestamp TIMESTAMP,
...   log_id UUID,
...   message TEXT,
...   PRIMARY KEY ((app_id), log_level, timestamp)
... ) WITH CLUSTERING ORDER BY (log_level ASC, timestamp DESC);
scylla@cqlsh:my_keyspace> DESCRIBE TABLES;

logs

scylla@cqlsh:my_keyspace> INSERT INTO logs (log_id, app_id, log_level, message, timestamp)
... VALUES (uuid(), 'app1', 'INFO', 'Application successfully started', toTimestamp(now()));
scylla@cqlsh:my_keyspace> INSERT INTO logs (log_id, app_id, log_level, message, timestamp)
... VALUES (uuid(), 'app1', 'ERROR', 'Database connection failed', toTimestamp(now()));
scylla@cqlsh:my_keyspace> INSERT INTO logs (log_id, app_id, log_level, message, timestamp)
... VALUES (uuid(), 'app2', 'DEBUG', 'Debugging user session creation', toTimestamp(now()));
scylla@cqlsh:my_keyspace> INSERT INTO logs (log_id, app_id, log_level, message, timestamp)
... VALUES (uuid(), 'app1', 'INFO', 'Request processed in 200ms', toTimestamp(now()));
scylla@cqlsh:my_keyspace> SELECT * FROM logs WHERE app_id = 'app1';

app_id | log_level | timestamp                | log_id                | message
-----|-----|-----|-----|-----
app1   | ERROR    | 2024-12-01 19:28:02.405000+0000 | 7f874ccf-923b-4601-b4c6-817afede9602 | Database connection failed
app1   | INFO     | 2024-12-01 19:28:05.694000+0000 | eaa8bc01-2f62-47d6-b37b-e62ef6bea3cb | Request processed in 200ms
app1   | INFO     | 2024-12-01 19:28:02.241000+0000 | d67e4a0b-bb36-48cf-a372-23d05b8f1c6a | Application successfully started

(3 rows)
scylla@cqlsh:my_keyspace> SELECT * FROM logs WHERE app_id = 'app1' AND log_level = 'INFO';

app_id | log_level | timestamp                | log_id                | message
-----|-----|-----|-----|-----
app1   | INFO     | 2024-12-01 19:28:05.694000+0000 | eaa8bc01-2f62-47d6-b37b-e62ef6bea3cb | Request processed in 200ms
app1   | INFO     | 2024-12-01 19:28:02.241000+0000 | d67e4a0b-bb36-48cf-a372-23d05b8f1c6a | Application successfully started

(2 rows)
scylla@cqlsh:my_keyspace> █
```