*.엘라스틱서치 mysql 연결

⊞ | 🌐 :: KH정보교육원 RA... | 🌐 능력개발교육원 | 🌐 대출 목록 < 내서재...

elastic

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Data view 📇 users_index ⌄   ≡   ➕   🔍 Filter your data using KQL syntax   ↻

🔍 Search field nam   ≡ 0

Available fields ⓘ   5

📅 @timestamp
t @version
age
id
t name

> Meta fields   4

Documents (2)   **Field statistics**

☐ **Summary**

☐ ↗ **@timestamp** May 23, 2025 @ 10:22:00.448 **@version** 1 **age** 25 **id** 1 **name** Alice **_id** 1 **_ignored** -
_index users_index **_score** 1

☐ ↗ **@timestamp** May 23, 2025 @ 10:22:00.448 **@version** 1 **age** 30 **id** 2 **name** Bob **_id** 2 **_ignored** -
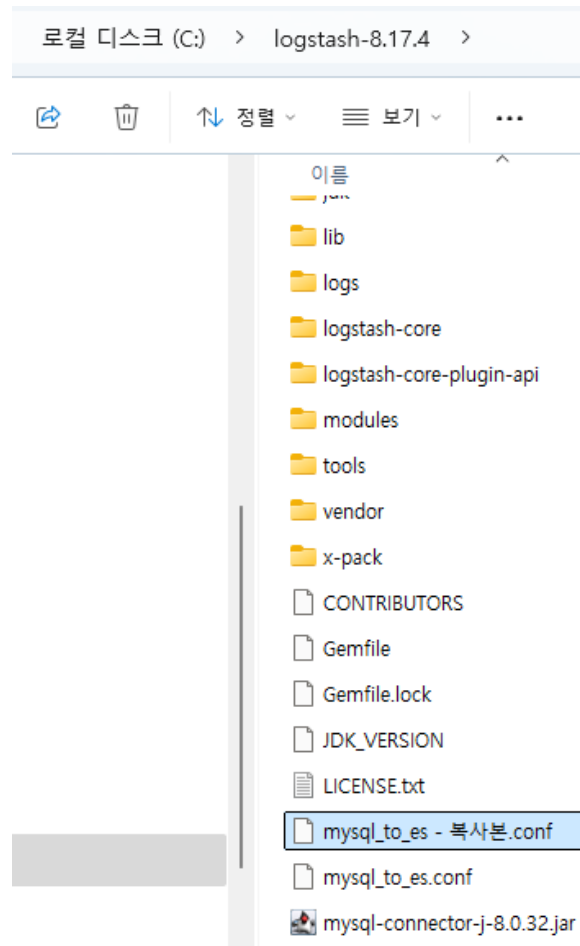**_index** users_index **_score** 1

Sort fields

Users 테이블 생성, 데이터 삽입

```
select * from users;

CREATE TABLE users (
  id INT PRIMARY KEY,
  name VARCHAR(100),
  age INT
);

INSERT INTO users (id, name, age) VALUES (1, 'Alice', 25), (2, 'Bob', 30);
```

mysql-connector-j-8.0.32.jar 복사

mysql_to_es.conf

```
 1  input {
 2    jdbc {
 3      jdbc_driver_library => "C:/logstash-8.17.4/mysql-connector-j-8.0.32.jar"
 4      jdbc_driver_class => "com.mysql.cj.jdbc.Driver"
 5      jdbc_connection_string => "jdbc:mysql://localhost:3306/atom"
 6      jdbc_user => "bts"
 7      jdbc_password => "1234"
 8      schedule => "* * * * *"   # 매 1분마다 실행
 9      statement => "SELECT id, name, age FROM users"
10    }
11  }
12
13  output {
14    elasticsearch {
15      hosts => ["http://localhost:9200"]
16      user => "elastic"
17      password => "k2_1QpptLWAUYWLNlbN8"
18      index => "users_index"
19      document_id => "%{id}"
20    }
21
22    stdout { codec => json_lines }   # 콘솔에 출력
23  }
```

Conf 실행시 로그

Edit View Query Database Server Tools Scripting Help

관리자: 명령 프롬프트 - logstash -f mysql_to_es.conf

-05-23T01:24:00.789525600Z"}
{"@version":"1","id":2,"name":"Bob","age":30,"@timestamp":"2025-0
5-23T01:24:00.790749100Z"}
[2025-05-23T10:25:00,992][INFO][logstash.inputs.jdbc   ][main]
[3d8ba6491bf200545d637ec8a7414cc10faed990c01c96b94608c51e5b18edca
] (0.000515s) SELECT id, name, age FROM users
{"@version":"1","id":1,"name":"Alice","age":25,"@timestamp":"2025
-05-23T01:25:00.992305800Z"}
{"@version":"1","id":2,"name":"Bob","age":30,"@timestamp":"2025-0
5-23T01:25:00.993398300Z"}
[2025-05-23T10:26:00,140][INFO][logstash.inputs.jdbc   ][main]
[3d8ba6491bf200545d637ec8a7414cc10faed990c01c96b94608c51e5b18edca
] (0.000893s) SELECT id, name, age FROM users
{"@version":"1","id":1,"name":"Alice","age":25,"@timestamp":"2025
-05-23T01:26:00.140643300Z"}
{"@version":"1","id":2,"name":"Bob","age":30,"@timestamp":"2025-0
5-23T01:26:00.140643300Z"}
[2025-05-23T10:27:00,445][INFO][logstash.inputs.jdbc   ][main]
[3d8ba6491bf200545d637ec8a7414cc10faed990c01c96b94608c51e5b18edca
] (0.000636s) SELECT id, name, age FROM users
{"@version":"1","id":1,"name":"Alice","age":25,"@timestamp":"2025
-05-23T01:27:00.445480100Z"}
{"@version":"1","id":2,"name":"Bob","age":30,"@timestamp":"2025-0
5-23T01:27:00.445480100Z"}