





#### open source massively parallel processing (MPP) SQL query engine



Cloudera Impala is a query engine that runs on Apache Hadoop. Impala brings scalable parallel database technology to Hadoop, enabling users to issue low-latency SQL queries to data stored in HDFS and Apache HBase without requiring data movement or transformation.

### What is Impala?

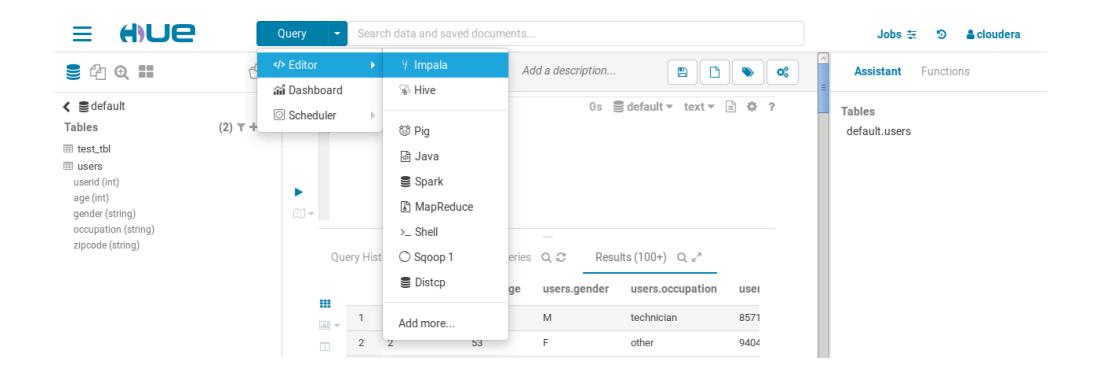


General--- purpose SQL engine
Real--time queries in Apache Hadoop
Opensource under Apache License
Runs directly within Hadoop
High performance

- C++ instead of Java
- Runtime code generator
- Roughly 4-100 x Hive

## **Start Impala Query Editor**

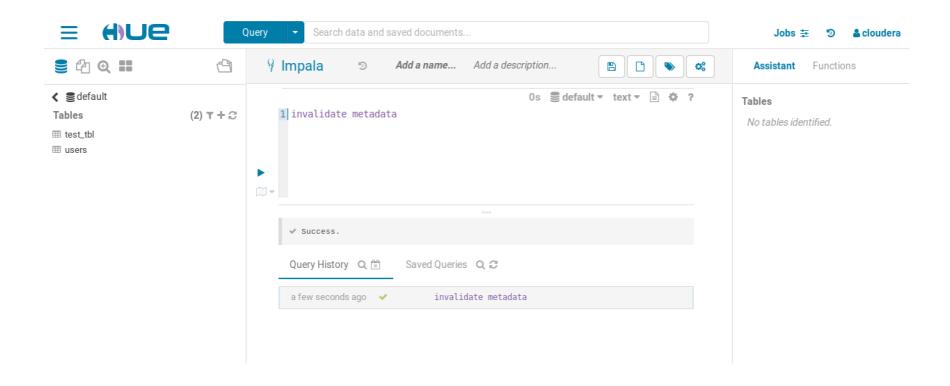




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# Update the list of tables/metadata by execute the command invalidate metadata



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### Run Impala On Terminal



### **Open Terminal**

Type command > impala-shell

[quickstart.cloudera:21000] > select \* from users;

[[quickstart.cloudera:21000] > select \* from users; Query: select \* from users

+   userid	   age	gender	   occupation	
1	24	г—————   М	technician	85711
2	53	F	other	94043
3	23	M	writer	32067
4	24	M	technician	43537
5	33	F	other	15213
6	42	M	executive	98101
7	57	M	administrator	91344
8	36	M	administrator	05201
9	29	M	student	01002
10	53	M	lawyer	90703
11	39	F	other	30329
12	28	F	other	06405
13	47	M	educator	29206
14	45	M	scientist	55106
15	49	F	educator	97301
16	21	M	entertainment	10309