



(1) User interface

(Web UI, terminal)

Query Language

(select * from stud)

(2) Translator
(Hive)

Execution plan

Stage-0

Fetch Operator

limit:-1

Select Operator [SEL_1]

outputColumnNames:["_col0", "_col1", "_col2"]

TableScan[TS_0]

alias:stud

DAG



(3) Executor
(Tez)

Physical task list

Map task

Reduce task

(4) Resource manager
(Yarn)

Cluster

Node 1

Node 2

Node 3

Map task

Map task

Map task

Reduce task

Reduce task

Reduce task

Data

Data

Data