javascript - single threading,asynchronous

node-environment for run javascript

object-->array,string,function

ajax- asynchronous javascript and xml

js engine - call stack and memory heap,compiler,interpreter etc

web api - dom events,settimeout(),setinterval(),fetch(),xmlhttp(), asynchrounous activities of synchronous javascript is handled by web api.

javascript runtime - js engine + web api

web api -> call back que -> call stack when call stack is empty

event loop -> continuousely monitor the call stack to be empty