Modules in NodeJS

- Node supports modules
  - Predefined modules
  - Custom modules

http

- This is the native module.

- This module is available along with 'Node Engine'.

- This module is used to develop http servers.

url

- This is native module.

- This module is used to read get parameters in http servers.

query-string

- This is native module.

- This module is used to read the post parameters in http servers.

fs

- This is native module.

- fs stands for 'File system'.

- This module is used to interact with flat files.

  - Eg:- txt, xml, json, etc

express

- This is third party module.

- This module is used to develop 'ReST APIs' (web services.)

- ReST API:- Representational State Transfer Application Programing

  Interface.

mysql

- This is third party module.

- This module is used to interact with My Sql database.

mongodb

- This is third party module.

- This module is used to interact with mongodb without schema.

- [Note:- rules and regulations of db are called as schema].

mongoose

- This is third party module.

- This module is used to interact with mongodb with schema.

mssql

- This is third party module.

- This module is used to interact SQL Server.

multer

- This is third party module.

- This module is used to upload images to server.

socket.io

- This is third party module.

- This module is used to develop chat applications.

jwt-simple

- This is third party module.

- This module is used to generate tokens for authentication purpose.

- This system is technically called as Token based authentication system.

body-parser

- This is third party module.

- This module is used to set MIME type.

cluster

- This is third party module.

- This module is used to implement child process in http server.

- implementing child process is called as load balancing.

express-cluster

- This third party module.

- This module is used to implement load balancing in ReST APIs.

cookie-parser

- This is third party module.

- This module is used to work with cookies.