Node.js express server.

# library link

**Install :**

node.js : https://nodejs.org/en/download/

Express : <https://expressjs.com/ko/starter/installing.html>

**github :**

node.js : <https://github.com/nodejs/node>

Express : https://github.com/expressjs/express

# basic description

****

Express is a minimal and flexible Node.js web application framework that provides a robust set of features for web and mobile applications. Express provides a thin layer of fundamental web application features, without obscuring Node.js features that you know and love.

# version

* Node.js ( >= 16.13.2 )
* Express ( >= 4.17.2 )

# sample data

* sample\_html (Folder): a free HTML5 template in HTML5 format, used to represent html file processing within an express server.
* (requires direct download of template files"/[01]sample\_data/example\_html/example\_html\_set download.txt")
* Sources : <https://html5up.net/story/download>
* Sample\_files (Folder): Image file source for file transfer example practice within the express server. It consists of Gachon University IT University introduction photos and Gachon University logo images.

# code description

* It uses the Express module to create a basic web server on port 8000 and consists of example codes for routing management and HTTP protocol processing, data transfer such as html, css, and image within the server.
* Localhost:8000/get\_test: Example of processing a basic get request.
* Localhost:8000/post\_test: Example of processing a basic get request.
* Localhost:8000/secret: Test area for using middleware functions for all HTTP requests in one path.
* Localhost:8000/route: Example of processing different HTTP requests for one path.
* Localhost:8000/test\_download.jpg : Image data transmission example 1.
* Localhost:8000/test\_download2.jpg : Image data transmission example 2 (detailed settings).
* Localhost:8000/test\_download\_err.jpg: Image data transmission error processing.
* Example of modularizing the routing process and separating it to the outside using the Localhost:8000/testing\_boom: express.Router class.
* Localhost:8000/test\_home: Examples of web page transmission and processing through html files on an express server.
* In addition, it consists of various example codes necessary for server configuration.