Usage Document

> For better experience and updated, please visit https://www.notion.so/lnwautja/Usage-Document-36a1a8ff551a42a08f5383035cfc4b7b

Setup Guideline

1. Unzip

2. run command npm install

3. cp .env.example .env

4. npm start

API Document

URL

```
// if you don't change port env
http://localhost:4003
```

POST Build Tree

request to restructure unformatted tree

> ## Parameter Required: none

> ## Parameter Optional: none

```
http://localhost:4003/build-tree
```

Body

```
{"0":
  [{"id": 10,
    "title": "House",
    "level": 0,
    "children": [],
    "parent_id": null}],
 "1":
  [{"id": 12,
    "title": "Red Roof",
    "level": 1,
    "children": [],
    "parent_id": 13},
   {"id": 18,
    "title": "Blue Roof",
    "level": 1,
    "children": [],
    "parent_id": 10},
   {"id": 13,
    "title": "Wall",
    "level": 1,
    "children": [],
    "parent_id": 10}],
 "2":
  [{"id": 17,
    "title": "Blue Window",
    "level": 2,
    "children": [],
    "parent_id": 12},
   {"id": 16,
    "title": "Door",
    "level": 2,
```

```
       "children": [],
       "parent_id": 13},
     {"id": 15,
      "title": "Red Window",
      "level": 2,
      "children": [],
      "parent_id": 12}]}
```

Response

```
[
    {
        "id": 10,
        "title": "House",
        "level": 0,
        "children": [
            {
                "id": 12,
                "title": "Red Roof",
                "level": 1,
                "children": [
                    {
                        "id": 17,
                        "title": "Blue Window",
                        "level": 2,
                        "children": [],
                        "parent_id": 12
                    },
                    {
                        "id": 15,
                        "title": "Red Window",
                        "level": 2,
                        "children": [],
                        "parent_id": 12
                    }
                ],
                "parent_id": 10
            },
            {
                "id": 18,
                "title": "Blue Roof",
                "level": 1,
                "children": [],
                "parent_id": 10
            },
            {
                "id": 13,
                "title": "Wall",
                "level": 1,
                "children": [
                    {
                        "id": 16,
                        "title": "Door",
                        "level": 2,
```
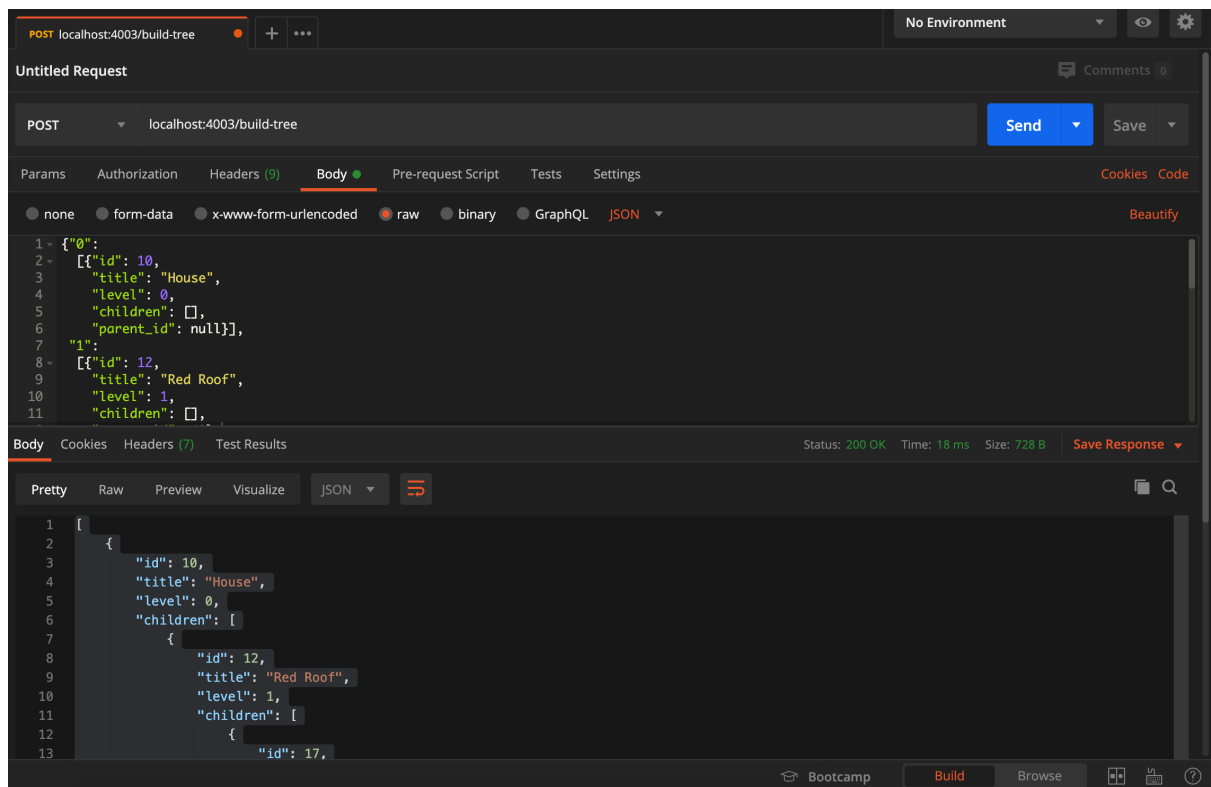
```
                    "children": [],
                    "parent_id": 13
                }
            ],
            "parent_id": 10
        }
    ],
    "parent_id": null
}
]
```

Github search page

http://localhost:4003/index

if port changed please type http://localhost:port/index

Working Example