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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| app.js | public | Routes | | | | | | | | | | |  |  |
| Js | index.js | | | | require(‘./user’) | | | | require(‘./event’) | | |
| HTML | user.js | GET | | POST | | | DELETE | | | UPDATE | |
| CSS | event.js | | GET | | | POST | | DELETE | | | UPDATE |
|  |  | | | | | | | | | | |

**Express App**

Architecture Principle 1

**Application Style**

server --> app --> route/index --> route handling functions

server.js

* entry file
* node server
* define and start a server in this file
* get all the data in this file; var data = require(‘./data’);
* pass the data to app.js file; var app = require(‘./app’)(data);

app.js

* get data from server
  + module.exports = function(data){
    - pass data to router/index.js;
    - var routes = require(‘./routes’)(flights);
  + return app;
* };

router/index.js

* get data from app
* call handler functions

**Testing Style**

Create a test folder

* Create helper, test subfolders
* In helper create an instance of an original app and run it against data from data folder
* While installing modules for testing use flag --save-dev
* Create a JS file containing all the unit tests

Misc. learning

* ‘./’ or ‘’ current directory
* ‘../’ parent directory
* module.exports = exports – by default export assumes that is module.export