**NodeJS**

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# Documentation

[https://laravel.com/docs/](https://laravel.com/docs/master/helpers)

# Core Modules

<https://nodejs.org/dist/latest-v13.x/docs/api/>

# NPM

* $ npm init : inisialisasi
* $ npm i <package> : instal package
* $ npm instal <package>@<versi> : instal package dengan versi pilihan
* $ npm unistall <package> : unistal package

# Nodemon

* instal lokal :

$ npm install --save-dev [nodemon@2.0.7](mailto:nodemon@2.0.7)

* konfigurasi di package.json : menambahkan scripts “start” : “nodemon app”

"scripts": {

  "start" : "nodemon app.js",

  "test": "echo \"Error: no test specified\" && exit 1"

}

* running server :

$ npm start

**ExpressJS**

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# Documentation

<https://expressjs.com/>

# Installing

1. $ mkdir myapp : membuat folder project
2. $ cd myapp : masuk kedalam folder project
3. $ npm init : inisialisasi folder
4. $ npm install express : memasang framwork express
5. $ npm install –g nodemon : memasang package nodemon

# Starter

*const* express = require('express')

*const* app = express()

*const* port = 3000

app.get('/', (*req*, *res*) => {

  res.send('Hello World!')

})

app.listen(port, () => {

  console.log(`Example app listening on port ${port}`)

})

# Templating Engine

* Cara 1 :

1. buat folder layouts, berisikan file (tidak perlu seperti yield):

* header.ejs
* navbar.ejs
* footer.ejs

1. penggunaan di views :

<%- include('layouts/header') %>

<%- include('layouts/navbar') %>

<h1>Halaman Contact</h1>

<%- include('layouts/footer') %>

* Cara 2 : (withPackage)

1. $ npm install express-ejs-layouts : memasang package layouts
2. konfigurasi dan setup di app.js :

*const* express = require('express');

*const* expressLayouts = require('express-ejs-layouts');  *// Templating Layouts*

*const* app = express();

*const* port = 3000;

*// EJS*

app.set('view engine', 'ejs');

*// Templating Layouts*

app.use(expressLayouts);

*// Routing*

app.get('/', (*req*, *res*) => {

  res.render('index', { *nama:* 'Moch Ihsan Saepulloh', *title:* 'Halaman Home' });

})

*// Menggunakan templating layouts (package)*

app.get('/about', (*req*, *res*) => {

  res.render('about', {

*title:* 'Halaman About',

*layout:* 'layouts/main-layout'

  });

})

1. penggunakan di views (tidak perlu include) :

<h1>Halaman About</h1>