**NodeJs Documentation**

**NodeJs (**[**https://www.tutorialspoint.com/nodejs/nodejs\_introduction.htm**](https://www.tutorialspoint.com/nodejs/nodejs_introduction.htm%20) **)**

Node.js is a platform built on [Chrome's JavaScript runtime](https://code.google.com/p/v8/) for easily building fast and scalable network applications. Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js applications are written in JavaScript, and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux.

Node.js also provides a rich library of various JavaScript modules which simplifies the development of web applications using Node.js to a great extent.

**NPM**

NPM, short for Node Package Manager, is two things: first and foremost, it is an online repository for the publishing of open-source Node.js projects; second, it is a command-line utility for interacting with said repository that aids in package installation, version management, and dependency management.

npm makes it easy for JavaScript developers to share and reuse code, and it makes it easy to update the code that you're sharing.

**ExpressJs**

Express.js, or simply Express, is a web application framework for Node.js, It is designed for building web applications and APIs.

const express = require('express')

const app = express()

app.get('/', function (req, res) {

res.send('Hello World!')

})

app.listen(3000, function () {

console.log('Example app listening on port 3000!')

})

Example:

var express = require('express');

var app = express();

var path = require("path");

var mongojs = require("mongojs");

var db = mongojs('catportal', ['user', 'trainerDetails', 'courseDetails', 'assessmentDetails']);

var bodyParser = require("body-parser");

var session = require('express-session');

app.set('trust proxy', 1) // trust first proxy

app.use(express.static(\_\_dirname + "/public")); //making public folder static

app.use(bodyParser.json());

**MEAN Stack**

The term MEAN stack refers to a collection of JavaScript based technologies used to develop web applications. MEAN is an acronym for MongoDB, ExpressJS, AngularJS and Node.js. From client to server to database, MEAN is full stack JavaScript.

**MongoDB**

MongoDB is a free and open-source cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with schemas.