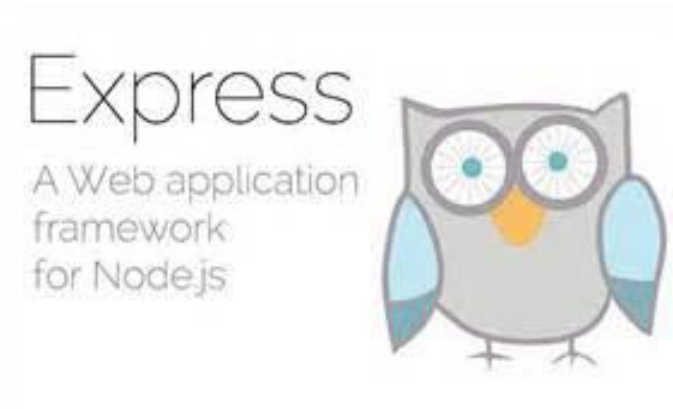
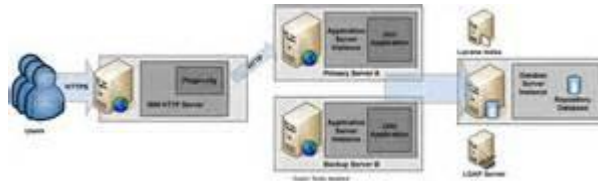


Express For Node JS



What is a framework

A framework, in the context of web development is a set of libraries, functionality and development patterns (project organization) that are created to develop web applications quickly and with little need for repetition or developing things from scratch. Essentially it is a set of virtual parts that you can use to build your web project.



Most typical functions of a website - file serving and storage, user authentication and logins, html template generation, and common forms of data manipulation are part of this.

Frameworks uses

Frameworks can be used to build simple static sites, or to create web applications that store, retrieve and manipulate data.

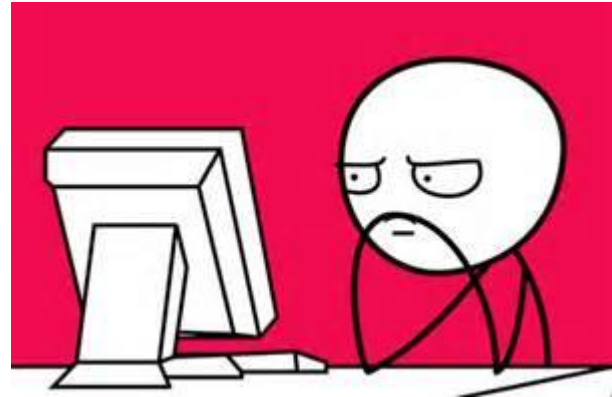
It can also dynamically generate views on a single web page.

To create a web application a web API is used to communicate between a data base and the UI



What is Express

Express is a web framework for Node that exists on the backend of the website, and aids in managing both traditional development of static sites as well as the development of full web applications with functionality and data storage and retrieval capabilities.



Why Express

One of the best supported server side JS web frameworks.

It has built in functionality for most website needs, and can be easily augmented with the use of other NPM packages.



Installing Express for Node

To install node simply input NPM Express into the terminal. If you want to associate node with a specific project do the cd into to directory in your terminal and type.



Setting up the app

Once installed you need to set up an instance of the app.

This allows you to use all the power of express in your application.



Loading Html

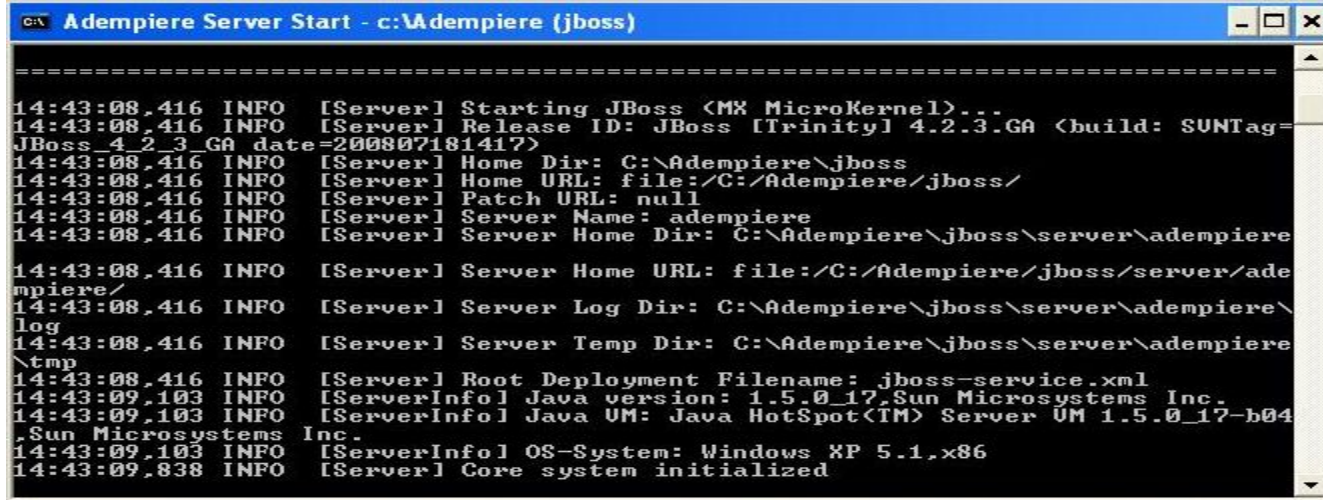
Now that we have an application instance running let's create a homepage “hello world” response that will be triggered when the application runs and a user selects the home page.



Running the Server

How to run a server on node and serve your static files you must first specify a port to server your local site from.

This allows the terminal to know where to look for the content on your site.



```
C:\> Adempiere Server Start - c:\Adempiere (jboss)

=====
14:43:08,416 INFO [Server] Starting JBoss (MX MicroKernel)...
14:43:08,416 INFO [Server] Release ID: JBoss [Trinity] 4.2.3.GA (build: SUNTag=
JBoss_4_2_3_GA date=200807181417)
14:43:08,416 INFO [Server] Home Dir: C:\Adempiere\jboss
14:43:08,416 INFO [Server] Home URL: file:/C:/Adempiere/jboss/
14:43:08,416 INFO [Server] Patch URL: null
14:43:08,416 INFO [Server] Server Name: adempiere
14:43:08,416 INFO [Server] Server Home Dir: C:\Adempiere\jboss\server\adempiere
14:43:08,416 INFO [Server] Server Home URL: file:/C:/Adempiere/jboss/server/ade
mpiere/
14:43:08,416 INFO [Server] Server Log Dir: C:\Adempiere\jboss\server\adempiere\
log
14:43:08,416 INFO [Server] Server Temp Dir: C:\Adempiere\jboss\server\adempiere
\tmp
14:43:08,416 INFO [Server] Root Deployment Filename: jboss-service.xml
14:43:09,103 INFO [ServerInfo] Java version: 1.5.0_17, Sun Microsystems Inc.
14:43:09,103 INFO [ServerInfo] Java VM: Java HotSpot(TM) Server VM 1.5.0_17-b04
, Sun Microsystems Inc.
14:43:09,103 INFO [ServerInfo] OS-System: Windows XP 5.1,x86
14:43:09,838 INFO [Server] Core system initialized
```