Dev Web

côté serveur

S3 - R3.01

MVC design pattern

Dossier: routers

serve_html

main.js   package.json   router.js

public → images   js   css

views → index.html

controllers → homeController.js

models   services

This new directory structure is mindful of your application's MVC design pattern. Each folder organizes your code based on functionality.
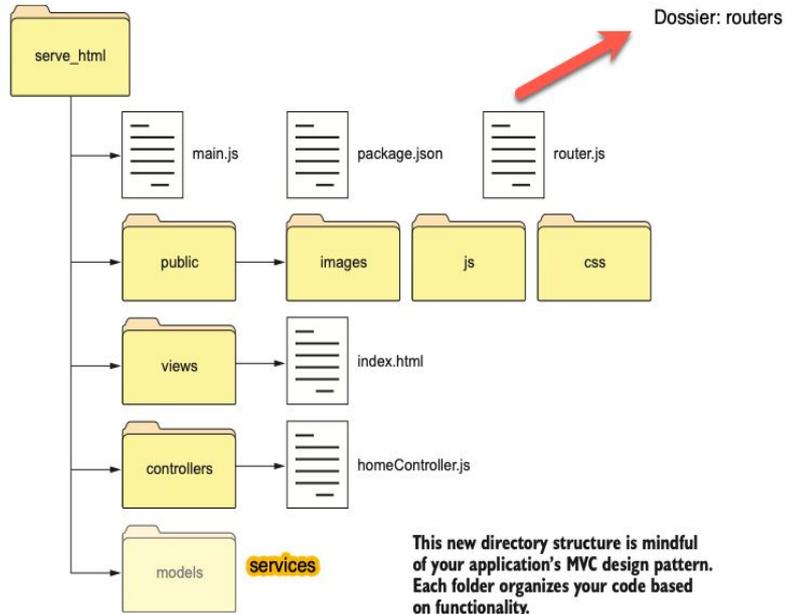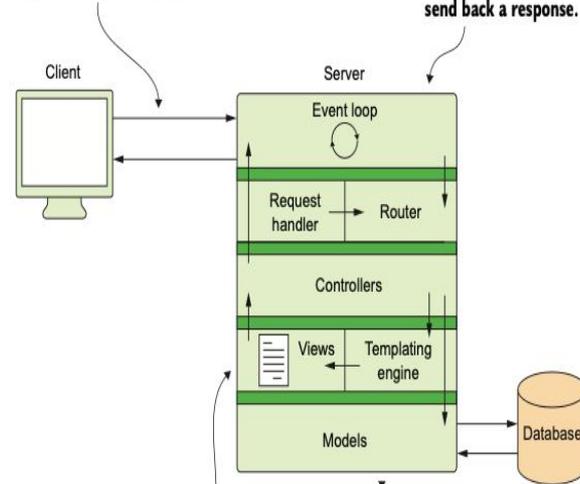
1. A request is sent to the server where it is first handled by the event loop and request handlers.

2. Express.js and its routes handle requests and determine whether to process the request further or send back a response.

Client   Server
Event loop
Request handler → Router
Controllers
Views ← Templating engine
Models ⟷ Database

4. Data is sent back to the client, often through browser views generated with the help of templating engines.

3. A specific request may require interaction with the application models and database layer.

Ajouter des vues avec Express

Express.js est souvent utilisé pour générer et servir des pages Web HTML. Pour y parvenir, il est courant d'implémenter une couche de vue, qui s'occupe de la génération du contenu. Généralement, le contenu est créé dynamiquement à l'aide des "templates". Il existe une variété de moteurs de "templates" qui gèrent l'injection et l'analyse des "templates".
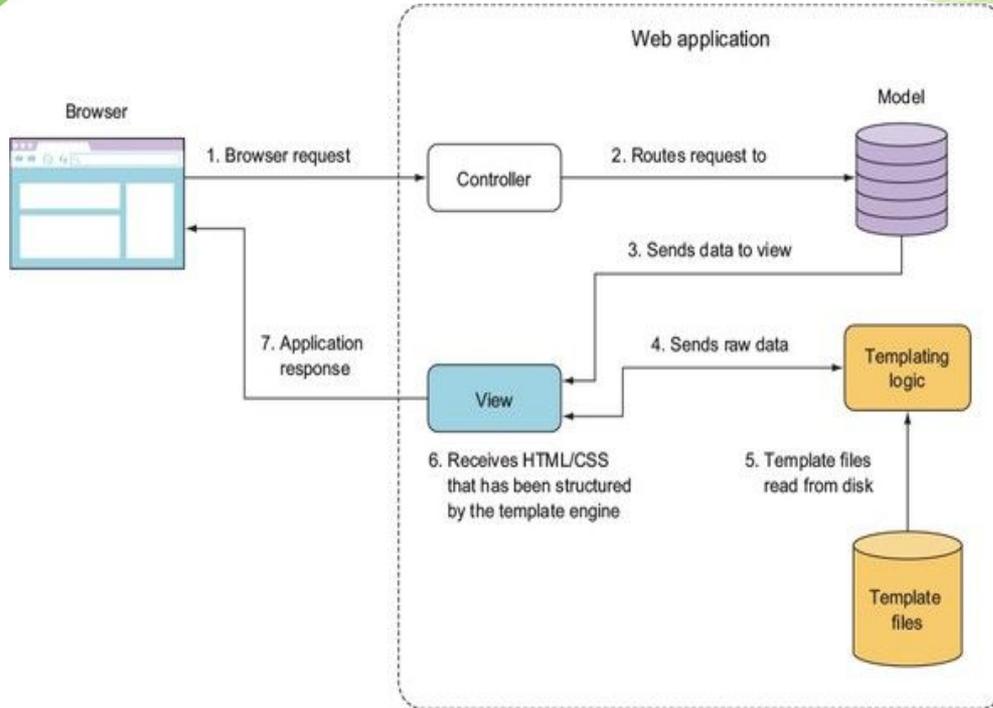
Template engines

Warning: The packages listed below may be outdated, no longer maintained or even broken. Listing here does not constitute an endorsement or recommendation from the Expressjs project team. Use at your own risk.

These template engines work "out-of-the-box" with Express:

- **Pug**: Haml-inspired template engine (formerly Jade).
- **Haml.js**: Haml implementation.
- **EJS**: Embedded JavaScript template engine.
- **hbs**: Adapter for Handlebars.js, an extension of Mustache.js template engine.
- **Squirrelly**: Blazing-fast template engine that supports partials, helpers, custom tags, filters, and caching. Not white-space sensitive, works with any language.
- **Eta**: Super-fast lightweight embedded JS template engine. Supports custom delimiters, async, whitespace control, partials, caching, plugins.
- **combyne.js**: A template engine that hopefully works the way you'd expect.
- **Nunjucks**: Inspired by jinja/twig.
- **marko**: A fast and lightweight HTML-based templating engine that compiles templates to CommonJS modules and supports streaming, async rendering and custom tags. (Renders directly to the HTTP response stream).
- **whiskers**: Small, fast, mustachioed.
- **Blade**: HTML Template Compiler, inspired by Jade & Haml.
- **Haml-Coffee**: Haml templates where you can write inline CoffeeScript.
- **express-hbs**: Handlebars with layouts, partials and blocks for express 3 from Barc.
- **express-handlebars**: A Handlebars view engine for Express which doesn't suck.
- **express-views-dom**: A DOM view engine for Express.
- **rivets-server**: Render Rivets.js templates on the server.
- **LiquidJS**: A simple, expressive and safe template engine.
- **express-tl**: A template-literal engine implementation for Express.
- **Twing**: First-class Twig engine for Node.js.
- **Sprightly**: A very light-weight JS template engine (45 lines of code), that consists of all the bare-bones features that you want to see in a template engine.
- **html-express-js**: A small template engine for those that want to just serve static or dynamic HTML pages using native JavaScript.
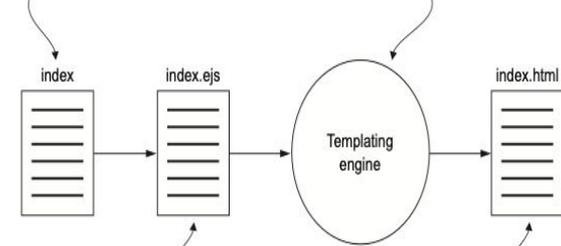
Ajouter des vues avec Express

Ajouter des vues avec Express