

# H1 Despliegue de Aplicación VPS

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## H2 Pasos mas importantes en la instalación y el despliegue

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Para ejecutar este trabajo, necesitamos tener instalado:

- MySQL
- Apache
- vsftpd
- Java

1. Para la ejecución del despliegue de la aplicación, se utilizo el siguiente tutorial y se siguieron los siguientes repositorios para la extracción del contenido tanto **BACK** como **FRONT** de la aplicación.

TUTORIAL: <https://youtu.be/ibIn4qIniv8>

REPOSITORIO PARTE DEL BACK: [<https://github.com/cavanosa/virtualBACK>]

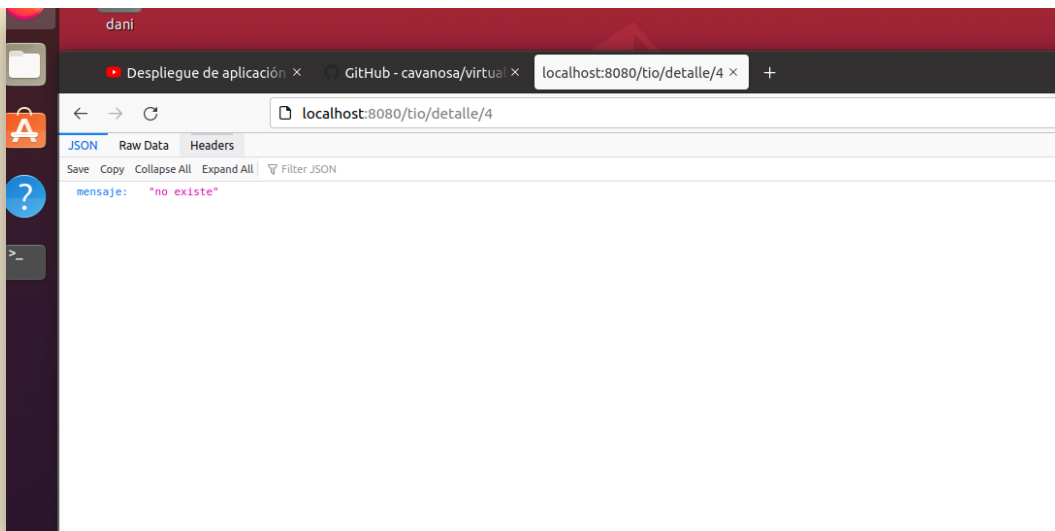
REPOSITORIO PARTE DEL FRONT: [<https://github.com/cavanosa/virtualFRONT>]

### PARTE DEL BACK-END

2. En el proceso del BACK, hay que modificar el **POM** de la siguiente forma para que deje de dar errores.

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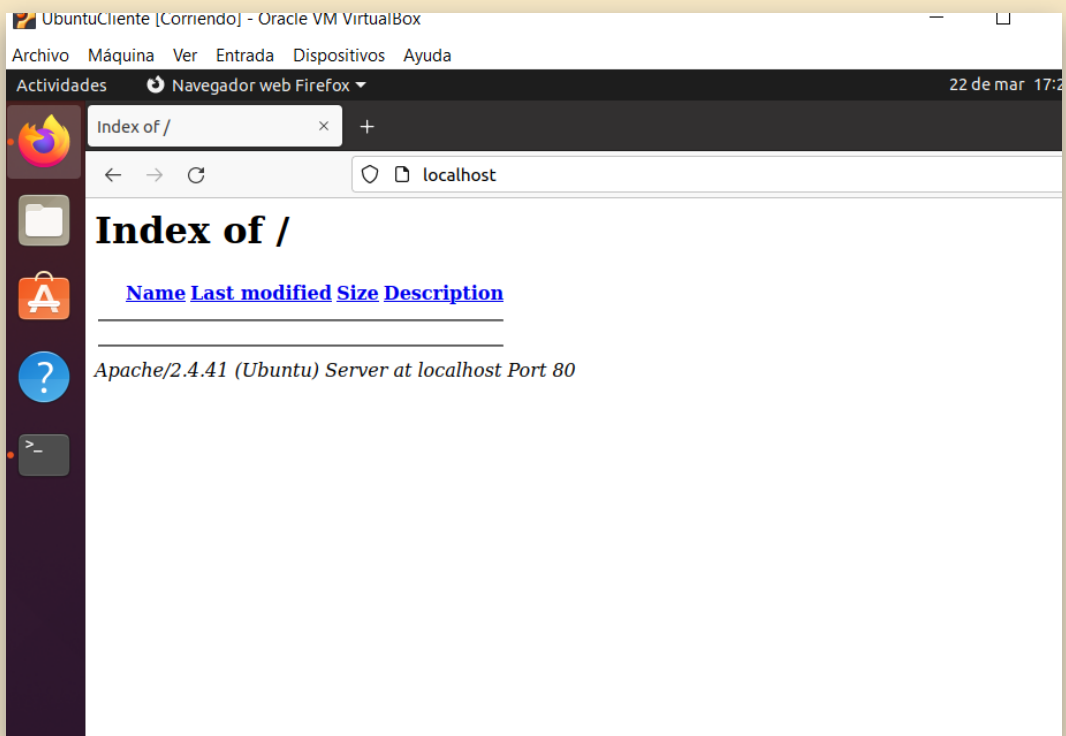
Muestra un array de los elementos creados, como esta vacío, indica que no existe.

Con esto el BACK estaría terminado.

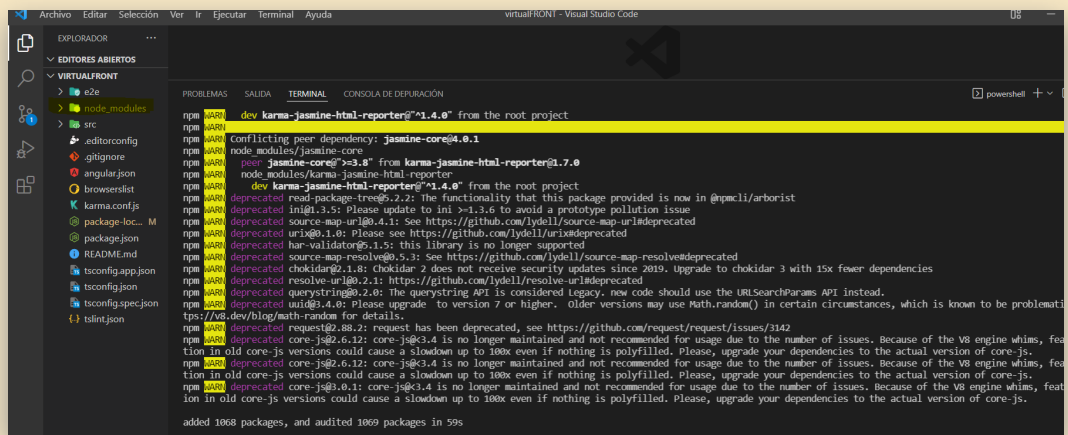
## PARTE DEL FRONT-END

Instalas apache, y su página `Index.html` la mueves por ejemplo a tu sitio local para que quede así:

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En Visual Studio Code , realizamos un `npm update` para que nos genere los `node_modules` .



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the output of an npm install command. The output includes several deprecation warnings and a final message indicating that 1068 packages were added and 1069 packages were audited in 59s. The Explorer sidebar on the left shows the project structure, including files like e2e, node\_modules, src, .editorconfig, .gitignore, angular.json, browserslist, karma.conf.js, package-lock.json, package.json, README.md, tsconfig.app.json, tsconfig.json, tsconfig.spec.json, and tsint.json.

```
npm WARN deprecated karma-jasmine-html-reporter@1.4.0: from the root project
npm WARN Conflicting peer dependency: jasmine-core@4.0.1
npm WARN node_modules/jasmine-core
npm WARN peer jasmine-core@>3.8 from karma-jasmine-html-reporter@1.7.0
npm WARN node_modules/karma-jasmine-html-reporter
npm WARN dev karma-jasmine-html-reporter@1.4.0 from the root project
npm WARN deprecated read-package-tree@5.2.2: the functionality that this package provided is now in @npmcli/arborist
npm WARN deprecated ini@1.3.5: Please update to ini >=1.3.6 to avoid a prototype pollution issue
npm WARN deprecated source-map-url@0.4.1: See https://github.com/lydell/source-map-url#deprecated
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated source-map-resolve@0.5.3: See https://github.com/lydell/source-map-resolve#deprecated
npm WARN deprecated chokidar@2.1.8: Chokidar 2 does not receive security updates since 2019. Upgrade to chokidar 3 with 15x fewer dependencies
npm WARN deprecated resolve-url@2.1.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated querystring@0.2.0: The querystring API is considered legacy. new code should use the URLSearchParams API instead.
npm WARN deprecated uuid@3.4.0: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain circumstances, which is known to be problematic
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142
npm WARN deprecated core-js@2.6.12: core-js@3.4 is no longer maintained and not recommended for usage due to the number of issues. Because of the V8 engine whims, feature in old core-js versions could cause a slowdown up to 100x even if nothing is polyfilled. Please, upgrade your dependencies to the actual version of core-js.
npm WARN deprecated core-js@2.6.12: core-js@3.4 is no longer maintained and not recommended for usage due to the number of issues. Because of the V8 engine whims, feature in old core-js versions could cause a slowdown up to 100x even if nothing is polyfilled. Please, upgrade your dependencies to the actual version of core-js.
npm WARN deprecated core-js@3.0.11: core-js@3.4 is no longer maintained and not recommended for usage due to the number of issues. Because of the V8 engine whims, feature in old core-js versions could cause a slowdown up to 100x even if nothing is polyfilled. Please, upgrade your dependencies to the actual version of core-js.
added 1068 packages, and audited 1069 packages in 59s
```

Realizamos un `ng serve -o` y vemos que funciona:

