САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО

Дисциплина: Фронд-энд разработка

Отчет

Домашняя работа 5: Изучение основ работы с менеджером зависимостей прт

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Задача

Необходимо изучить основные команды пакетного менеджера NPM и научиться стартовать проект на Vue.

Ход работы

Установка vue и vue-cli

```
$ npm install -g @vue/cli
npm WARN deprecated source-map-url@0.4.1: See https://github.com/lydell/source-map-url#deprenpm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN deprecated apollo-datasource@3.3.2: The `apollo-datasource` package is part of Apol October 22nd 2023). See https://www.apollographql.com/docs/apollo-server/previous-versions,
npm WARN deprecated apollo-server-errors@3.3.1: The `apollo-server-errors` package is part
f-life October 22nd 2023). This package's functionality is now found in the `@apollo/server
rver/previous-versions/ for more details.
npm WARN deprecated source-map-resolve@0.5.3: See https://github.com/lydell/source-map-resolnpm WARN deprecated apollo-server-plugin-base@3.7.1: The `apollo-server-plugin-base` package ted (end-of-life October 22nd 2023). This package's functionality is now found in the `@apol
/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-types@3.7.1: The `apollo-server-types` package is part of
life October 22nd 2023). This package's functionality is now found in the `@apollo/server`
er/previous-versions/ for more details.
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated apollo-server-express@3.11.1: The `apollo-server-express` package is par
d-of-life October 22nd 2023). This package's functionality is now found in the `@apollo/serv
-server/previous-versions/ for more details.
npm WARN deprecated apollo-reporting-protobuf@3.3.3: The `apollo-reporting-protobuf` package ted (end-of-life October 22nd 2023). This package's functionality is now found in the `@apol
lographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-env@4.2.1: The `apollo-server-env` package is part of Apol
October 22nd 2023). This package's functionality is now found in the `@apollo/utils.fetcher
erver/previous-versions/ for more details.
npm WARN deprecated subscriptions-transport-ws@0.11.0: The `subscriptions-transport-ws` pack
-ws` instead. For help migrating Apollo software to `graphql-ws`, see https://www.apollograprom-subscriptions-transport-ws For general help using `graphql-ws`, see https://github.co.npm WARN deprecated apollo-server-core@3.11.1: The `apollo-server-core` package is part of A
pollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This packa
ge's functionality is now found in the `@apollo/server` package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
changed 849 packages, and audited 850 packages in 2m
```

Инициализация проекта и выбор параметров установки

```
$ npm init vue@latest

Vue.js - The Progressive JavaScript Framework

V Project name: ... vue-project

V Add TypeScript? ... No / Yes

V Add JSX Support? ... No / Yes

V Add Vue Router for Single Page Application development? ... No / Yes

V Add Pinia for state management? ... No / Yes

V Add Vitest for Unit Testing? ... No / Yes

V Add an End-to-End Testing Solution? » No

V Add ESLint for code quality? ... No / Yes

V Add Prettier for code formatting? ... No / Yes
```

Установка зависимостей

```
$ npm install
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead
added 145 packages, and audited 146 packages in 15s

33 packages are looking for funding
   run `npm fund` for details

found @ vulnerabilities
```

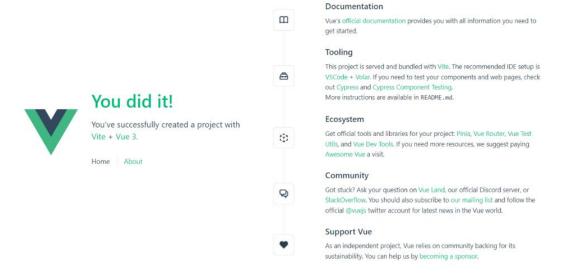
Изменения в файле package.json

```
{} package.json > ...
        "name": "vue-project",
        "version": "0.0.0",
        "private": true,
         Debug
        "scripts": {
          "start": "vite --port 8080",
          "dev": "vite",
          "build": "vite build",
          "preview": "vite preview",
          "lint": "eslint . --ext .vue,.js,.jsx,.cjs,.mjs --fix --ignore-path .gitignore"
         "dependencies": {
          "axios": "^1.2.1",
          "bootstrap": "^5.2.3",
          "pinia": "^2.0.28",
"pinia-persists": "^1.2.0",
          "vue": "^3.2.45",
          "vue-router": "^4.1.6"
        },
"devDependencies": {
          "@vitejs/plugin-vue": "^4.0.0",
          "eslint": "^8.22.0",
          "eslint-plugin-vue": "^9.3.0",
          "vite": "^4.0.0"
```

Запуск проекта

```
VITE v4.0.2 ready in 1560 ms

→ Local: http://localhost:8080/
→ Network: use --host to expose
→ press h to show help
```



Вывод

В ходе лабораторной работы я изучила основные команды npm и создала проект на Vue.