

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Фронт-энд разработка

Отчет

Домашняя работа 5: Изучение основ
работы с менеджером зависимостей npm

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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

```
hamid@LAPTOP-EI368C4A MINGW64 ~/OneDrive/Bureau
$ npm install -g @vue/cli
npm WARN deprecated source-map-resolve@0.5.3: See https://github.com/lydell/source-map-resolve#deprecated
npm WARN deprecated subscriptions-transport-ws@0.11.0: The `subscriptions-transport-ws` package is no longer maintained. We recommend you use `graphql-ws` instead. For help migrating Apollo software to `graphql-ws`, see https://www.apollographql.com/docs/apollo-server/data/subscriptions/#switching-from-subscriptions-transport-ws For general help using `graphql-ws`, see https://github.com/enisdenjo/graphql-ws/blob/master/README.md
npm WARN deprecated source-map-url@0.4.1: See https://github.com/lydell/source-map-url#deprecated
npm WARN deprecated apollo-server-types@3.7.1: The `apollo-server-types` package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the `@apollo/server` package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-express@3.11.1: The `apollo-server-express` package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the `@apollo/server` package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
npm WARN deprecated apollo-server-plugin-base@3.7.1: The `apollo-server-plugin-base` package is part of Apollo Server v2 and v3, which are now deprecated (end-of-life October 22nd 2023). This package's functionality is now found in the `@apollo/server` package. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
```

Инициализация проекта и выбор параметров установки

```

hamid@LAPTOP-EI368C4A MINGW64 ~/OneDrive/Bureau
$ npm init vue@latest
npm WARN exec The following package was not found and will be installed: create-
vue@latest

Vue.js - The Progressive JavaScript Framework

? Project name: » vue-projectviewproject
✓ Project name: ... viewproject
✓ Add TypeScript? ... No / Yes
? Add JSX Support? » No / Yes
✓ Add JSX Support? ... No / Yes
? Add Vue Router for Single Page Application development? » No / Yes
✓ Add Vue Router for Single Page Application development? ... No / Yes
? Add Pinia for state management? » No / Yes
✓ Add Pinia for state management? ... No / Yes
? Add Vitest for Unit Testing? » No / Yes
✓ Add Vitest for Unit Testing? ... No / Yes
? Add an End-to-End Testing Solution? » - Use arrow-keys. Return to submit.
> No
  Cypress
  Playwright

✓ Add an End-to-End Testing Solution? » No
? Add ESLint for code quality? » No / Yes
✓ Add ESLint for code quality? ... No / Yes

Scaffolding project in C:\Users\hamid\OneDrive\Bureau\viewproject...

```

Установка зависимостей

```

hamid@LAPTOP-EI368C4A MINGW64 ~/OneDrive/Bureau/viewproject
$ npm install
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-code
c instead

added 132 packages, and audited 133 packages in 1m

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

found 0 vulnerabilities

```

Изменение в файле package.json

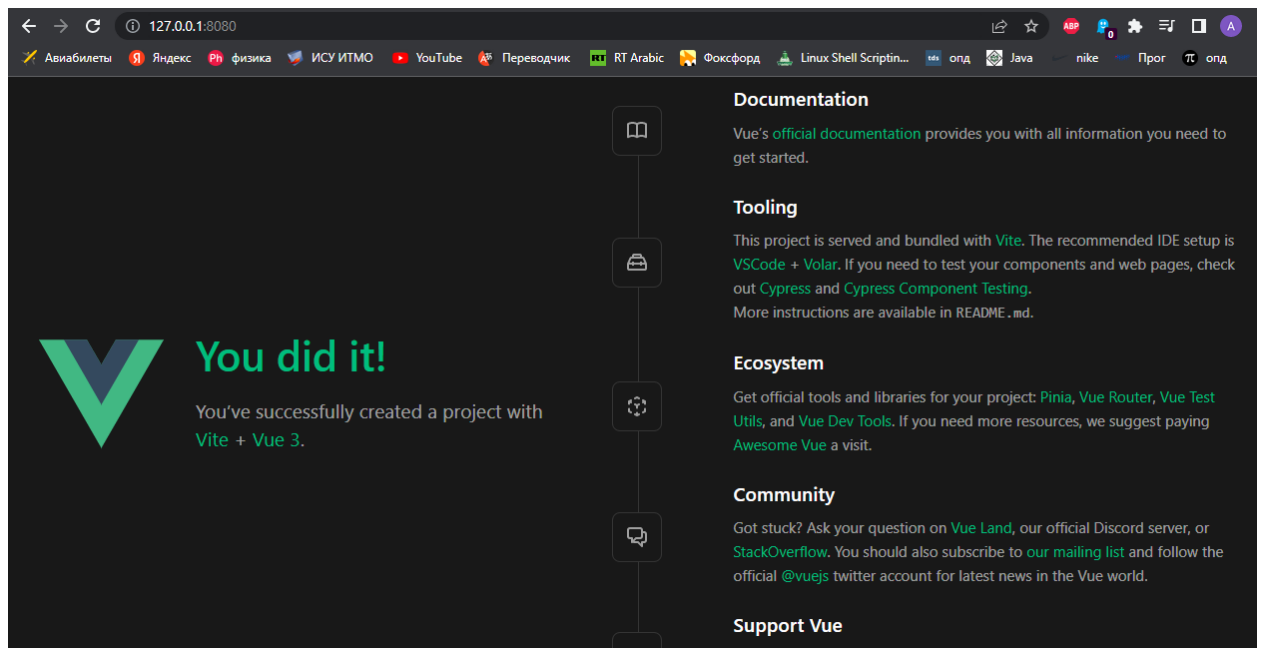
```
{
  "name": "viewproject",
  "version": "0.0.0",
  "private": true,
  "scripts": {
    "start": "vite --port 8080",
    "dev": "vite",
    "build": "run-p type-check build-only",
    "preview": "vite preview",
    "build-only": "vite build",
    "type-check": "vue-tsc --noEmit"
  },
  "dependencies": {
    "vue": "^3.2.45"
  },
  "devDependencies": {
    "@types/node": "^18.11.12",
    "@vitejs/plugin-vue": "^4.0.0",
    "@vue/tsconfig": "^0.1.3",
    "npm-run-all": "^4.1.5",
    "typescript": "~4.7.4",
  }
}
```

Запуск проекта

```
hamid@LAPTOP-EI368C4A MINGW64 ~/OneDrive/Bureau/viewproject
$ npm start

> viewproject@0.0.0 start
> vite --port 8080

VITE v4.0.4 ready in 418 ms
➔ Local:   http://127.0.0.1:8080/
➔ Network: use --host to expose
```



Вывод

В ходе домашней работы ознакомился с пакетным менеджером npm и его основными командами и создал проект на Vue.