САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО

Дисциплина: Фронд-энд разработка

Отчет

Домашняя работа 5: Изучение основ работы с менеджером зависимостей npm

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Задание

В рамках данных работы необходимо изучить основные команды пакетного менеджера NPM и научиться стартовать стартовать проект на Vue.

Ход работы

Установка глобально vue и vue-cli

```
AntgDESKTOP-1HM4COU MINGM64 -/WebstormProjects/hw_5

S npm install -g @vue/cli

npm MARI deprecated source-map-url@0.4.1: See https://github.com/lydell/source-map-url#deprecated

npm MARI deprecated unix@0.1.0: Please see https://github.com/lydell/orix#deprecated

npm MARI deprecated apollo-datasource@3.5.2: The 'apollo-datasource' package is part of Apollo Server v2 and v3, which are now

npm MARI deprecated apollo-server-errors@3.5.1: The 'apollo-server-errors' package is part of Apollo Server v2 and v3, which as

s-versions/ for more details.

npm MARI deprecated source-map-resolve@0.5.3: See https://github.com/lydell/source-map-resolve@deprecated

npm MARI deprecated apollo-server-plugin-base@3.7.1: The 'apollo-server-plugin-base' package is part of Apollo Server v2 and v3, which are

ver/inevious-versions/ for more details.

npm MARI deprecated apollo-server-types@3.7.1: The 'apollo-server-types' package is part of Apollo Server v2 and v3, which are

versions/ for more details.

npm MARI deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated

npm MARI deprecated apollo-server-express@3.11.1: The 'apollo-server-express' package is part of Apollo Server v2 and v3, which

ious-versions/ for more details.

npm MARI deprecated apollo-reporting-protobuf@3.3.3: The 'apollo-reporting-protobuf' package is part of Apollo Server v2 and v3, which

ious-versions/ for more details.

npm MARI deprecated apollo-server-env@4.2.1: The 'apollo-server-env' package is part of Apollo Server v2 and v3, which are now

us-versions/ for more details.

npm MARI deprecated apollo-server-env@4.2.1: The 'apollo-server-env' package is part of Apollo Server v2 and v3, which are now

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npm MARI deprecated apollo-server-env@4.2.1: The 'apollo-server-env' package is part of Apollo Server v2 and v3, which are ersions/ for more details.

add
```

Инициализация проекта и выбор параметров установки

```
PS C:\Users\Ant\WebstormProjects\vue_init> npm init vue@latest
Need to install the following packages:
 create-vue@3.5.0
Ok to proceed? (y) y
Vue.js - The Progressive JavaScript Framework
√ Project name: ... vue-project
√ Add TypeScript? ... No / Yes
√ Add JSX Support? ... No / Yes
√ Add Vue Router for Single Page Application development? ... No / Yes
√ Add Pinia for state management? ... No / Yes
√ Add Vitest for Unit Testing? ... No / Yes
√ Add an End-to-End Testing Solution? » No
√ Add ESLint for code quality? ... No / Yes
√ Add Prettier for code formatting? ... No / Yes
Scaffolding project in C:\Users\Ant\WebstormProjects\vue_init\vue-project...
Done. Now run:
 cd vue-project
 npm install
 npm run dev
```

Переход в папку проекта

```
PS C:\Users\Ant\WebstormProjects\vue_init> cd .\vue-project\
PS C:\Users\Ant\WebstormProjects\vue_init\vue-project>
```

Установка зависимостей

```
PS C:\Users\Ant\WebstormProjects\vue_init\vue-project> npm install
npm WARN deprecated sourcemap-codec@1.4.8: Please use @jridgewell/sourcemap-codec instead
added 145 packages, and audited 146 packages in 14s

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

found @ vulnerabilities
PS C:\Users\Ant\WebstormProjects\vue_init\vue-project>
```

Изменения в файле package.json

```
{
    "name": "vue-project",
    "version": "0.0.0",
    "private": true,
    "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": {
        "pinia": "^2.0.28",
        "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": "^4.0.1"
}
```

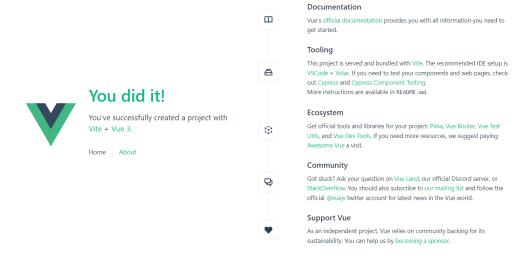
Запуск проекта

```
> vue-project@0.0.0 start
> vite --port 8080

VITE v4.0.1 ready in 299 ms

→ Local: http://127.0.0.1:8080/
→ Network: use --host to expose
→ press h to show help

□
```



Вывод

По результатам домашней работы я создал проект на Vue и ознакомился с основными командами прт.