

Tools + AI - Online Utility Suite

[English](#) | [中文](#)

A collection of practical online tools built with Vue 3 and modern web technologies.

The tool list is as follows:

- mermaid
- markdown

Features

- **Mermaid Diagram Editor:** Create and edit diagrams with real-time preview
- **Markdown Editor:** Write and preview Markdown documents
- **Dark/Light Theme:** Switch between themes for comfortable viewing
- **Multilingual Support:** Available in English and Chinese

Tech Stack

- **Vue 3:** Core frontend framework with Composition API
- **Vite:** Fast, modern build tool and development server
- **Pinia:** State management for Vue applications
- **Element Plus:** UI component library
- **Tailwind CSS:** Utility-first CSS framework
- **Vue Router:** Official router for Vue.js
- **Vue I18n:** Internationalization plugin for Vue.js
- **Mermaid:** JavaScript based diagramming and charting tool
- **Marked:** Markdown parser and compiler

Getting Started

Prerequisites

- Node.js 18.x or later
- npm 7.x or later

Installation

```
# Clone the repository
git clone https://github.com/yourusername/my-tools.git
cd my-tools

# Install dependencies
npm install
```

Development

```
# Start development server
npm run dev
```

This will start the development server at <http://localhost:3000> (or another available port).

Building for Production

```
# Build for production
npm run build

# Preview production build
npm run preview
```

The build output will be in the **dist** directory.

SEO Optimization

The project includes SEO optimization with:

```
# Generate sitemap
npm run generate-sitemap
```

Project Structure

```
my-tools/
├── public/           # Static assets that will be served as-is
├── scripts/         # Build and utility scripts
├── src/
│   ├── assets/      # Assets that will be processed by the build tools
│   ├── components/  # Vue components
│   ├── i18n/        # Internationalization files
│   ├── layouts/     # Layout components
│   ├── router/      # Vue Router configuration
│   ├── stores/      # Pinia stores
│   ├── tools/       # Tool-specific components and logic
│   ├── App.vue      # Root component
│   └── main.ts       # Application entry point
└── index.html       # HTML template
```

License

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Acknowledgments

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