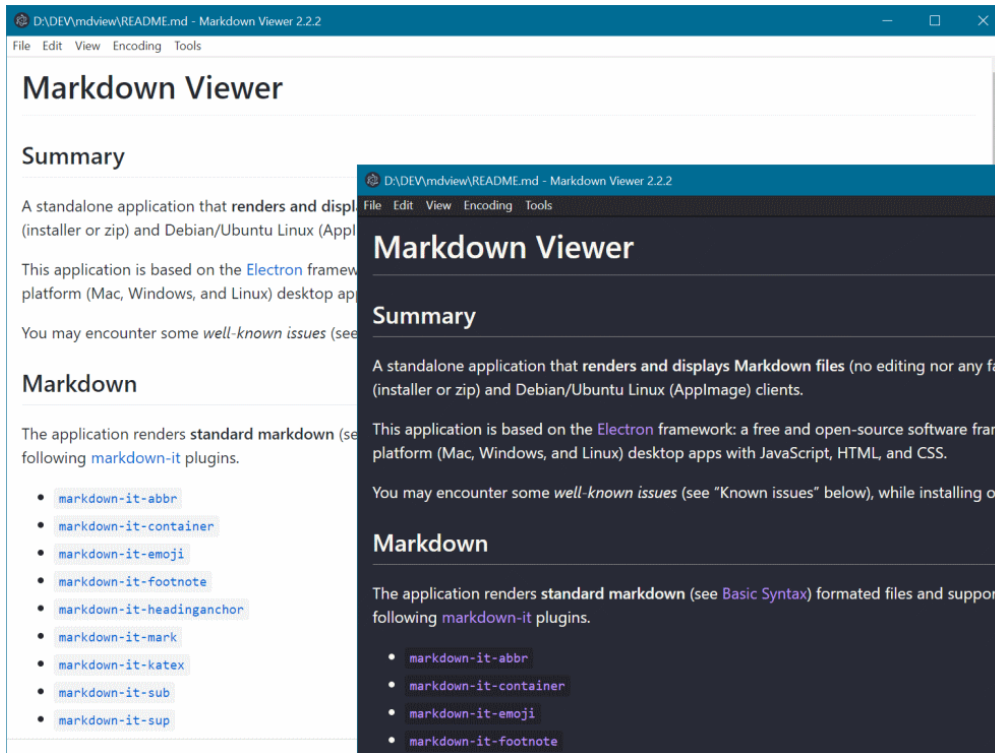


Markdown Viewer



Summary

A standalone application that **renders and displays Markdown files** (no editing nor any fancy note taking feature) on Windows 10 (installer or zip) and Debian/Ubuntu Linux (ApplImage) clients.

This application is based on the [Electron](#) framework: a free and open-source software framework used to develop and build cross-platform (Mac, Windows, and Linux) desktop apps with JavaScript, HTML, and CSS.

You may encounter some *well-known issues* (see "Known issues" below), while installing or running the *Electron based applications*.

Markdown

The application renders **standard markdown** (see [Basic Syntax](#)) formatted files and supports **additional features** as provided by the following [markdown-it](#) plugins.

- [markdown-it-abbrev](#)
- [markdown-it-container](#)
- [markdown-it-emoji](#)
- [markdown-it-footnote](#)
- [markdown-it-headinganchor](#)

- `markdown-it-mark`
- `markdown-it-katex`
- `markdown-it-sub`
- `markdown-it-sup`

Development

The tool is currently developed and tested under Windows 10 (X64).

Requirements

An actual [Node.js](#) and NPM version (usually installed together with Node.js) are required to setup a development environment.

You may also prefer to use **NVM** on windows and on Linux. See:

- [Install nvm, node.js and npm on Windows](#)
- [Install nvm, node.js and npm on Linux, unix, macOS, and windows WSL](#)

Source code and project setup

Clone the github repository and install the project dependencies:

```
git clone https://github.com/khatastroffik/mdview.git
cd mdview
npm install
```


To **start** an instance of the **application**, type `npm start`.

To **generate** the different application **packages/binaries**, type `npm run dist`. This will generate the artifacts (installer, AppImage or compressed archive) depending on your Operating System. MacOS binaries cannot be generated at the present time due to builder settings/properties related issues. Pull requests are welcome!

To **re-generate** the **icons** under Windows, use the script `generate-icons.cmd` provided in the `icon` folder. This script rely on [ImageMagick](#), which thus needs to be installed.

Debugging

The main process can be debugged with [Visual Studio Code](#). A `launch.json` is provided in the `.vscode` folder within this repository.

The renderer process (implemented in `index.html` and `index.js`) must be debugged with help of the Electron development tools by calling in the main menu  "Tools" → "Developer tools" or by pressing the [F10] key.

Contribution

Please see the [Contributing](#) guideline.

Known issues

The following “potential” issues are well-known:

Windows installation and download security

An issue may occur due to some *browser download security* features or *Windows SmartScreen* technology. Anyhow, the provided package should be safe, though prefer to check them using an antivirus scanner like [VirusTotal](#).

Startup speed

The application may have a delay at startup. This delay may be caused by Windows Defender. This may be due to your virus scanner e.g. Windows Defender.

Build error *ERR_ELECTRON_BUILDER_CANNOT_EXECUTE* (development)

You may encounter some issue when trying to build the electron distribution (binaries) i.e. the build may (partially) fail.

A possible fix is described here [not able to build installer/uninstaller \(ERR_ELECTRON_BUILDER_CANNOT_EXECUTE\)](#)

Credits

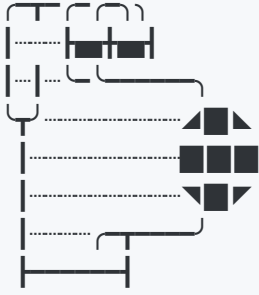
The original application has been created by [Christian Dreier](#): many thanks for your inspiration!

This application is based on version 2.0.0 of the above mentioned application. See the repository containing the original code of this application on [GitHub](#).

Copyright and License

This application is provided under the [MIT license](#).

A [K11K](#) production.



"K11K"

A very pragmatic dog