

PanConverter

A cross-platform Markdown editor and converter powered by Pandoc.



PanConverter

Features

Advanced Markdown Editor

- **Tabbed Interface** - Work with multiple files simultaneously in separate tabs
- **Rich Text Editor** - Full-featured editor with syntax highlighting and comprehensive toolbar
- **Find & Replace** - Powerful search and replace with match highlighting and navigation
- **Line Numbers** - Toggle line numbers for easier code editing and navigation
- **Smart Auto-Indentation** - Automatic list continuation and intelligent indentation
- **Undo/Redo** - Full undo/redo support with keyboard shortcuts
- **Advanced Shortcuts** - Tab indentation, line selection, and smart text formatting
- **File Association Support** - Open markdown files directly from file manager

Themes & Interface

- **Live Preview** - See your markdown rendered in real-time with synchronized scrolling
- **Multiple Themes** - Choose from Light, Dark, Solarized, Monokai, or GitHub themes
- **Auto-Save** - Never lose your work with automatic saving every 30 seconds

Export & Conversion

- **Enhanced PDF Export** - Robust PDF generation with multiple LaTeX engine fallbacks (XeLaTeX, PDFLaTeX, wkhtmltopdf)
- **Document Export** - Convert to HTML, DOCX, LaTeX, RTF, ODT, EPUB, PowerPoint (PPTX), and OpenDocument Presentation (ODP)
- **Spreadsheet Export** - Export markdown tables to Excel (XLSX/XLS) and OpenDocument Spreadsheet (ODS) formats
- **Document Import** - Import DOCX, ODT, RTF, HTML, PDF, and presentation files to markdown
- **Table Creation Helper** - Built-in table generator for easy markdown table creation

Platform Support

- **Cross-Platform** - Works seamlessly on Windows, macOS, and Linux

Installation

Prerequisites

- [Pandoc](#) must be installed for export functionality
 - **Ubuntu/Debian**: `sudo apt-get install pandoc`
 - **macOS**: `brew install pandoc`
 - **Windows**: Download installer from Pandoc website

PDF Export Requirements

For optimal PDF export, install a LaTeX engine (recommended): - **Ubuntu/Debian**: `sudo apt-get install texlive-xetex texlive-latex-base` - **macOS**: `brew install --cask mactex` - **Windows**: Install MiKTeX or TeX Live - **Alternative**: `sudo apt-get install wkhtmltopdf` (fallback option)

Download

Download the latest release for your platform from the [Releases](#) page.

Linux

- **AppImage:** PanConverter-1.3.1.AppImage (universal, may require --no-sandbox flag)
- **Debian Package:** pan-converter_1.3.1_amd64.deb
- **Snap Package:** pan-converter_1.3.1_amd64.snap

Install from Source

```
git clone https://github.com/amitwh/pan-converter.git
cd pan-converter
npm install
npm start
```

Usage

Basic Workflow

1. **Write** - Use the editor to write your Markdown content
2. **Preview** - Toggle the preview pane to see rendered output
3. **Theme** - Choose your preferred theme from the View menu
4. **Export** - Export your document to various formats

Export Options

- **Documents:** HTML, PDF, DOCX, LaTeX, RTF, ODT, EPUB
- **Presentations:** PowerPoint (PPTX), OpenDocument Presentation (ODP)
- **Spreadsheets:** Excel (XLSX/XLS), OpenDocument Spreadsheet (ODS)

Import & Conversion

- **Import Documents:** Convert DOCX, ODT, RTF, HTML, PDF, and presentation files to Markdown
- **Cross-Format Conversion:** Convert current file between multiple formats
- **Smart Presentation Handling:** Automatic slide-level formatting for PPTX/ODP exports

Table Creation

- Click the table button in the toolbar
- Specify number of rows and columns
- Automatically generates properly formatted Markdown tables

Keyboard Shortcuts

File Operations

- Ctrl/Cmd + N - New file/tab
- Ctrl/Cmd + T - New tab
- Ctrl/Cmd + W - Close current tab
- Ctrl/Cmd + Tab - Switch to next tab
- Ctrl/Cmd + O - Open file
- Ctrl/Cmd + S - Save file
- Ctrl/Cmd + Shift + S - Save as
- Ctrl/Cmd + I - Import document

Editor Features

- Ctrl/Cmd + F - Find & Replace
- Ctrl/Cmd + Z - Undo
- Ctrl/Cmd + Shift + Z - Redo
- Tab - Indent lines or insert 4 spaces
- Shift + Tab - Outdent selected lines
- Enter - Auto-continue lists with proper indentation

View & Navigation

- Ctrl/Cmd + P - Toggle preview

- Ctrl/Cmd + Enter - Toggle preview (alternative)
- Escape - Close find dialog

Building

```
# Install dependencies
npm install
```

```
# Generate icons
npm run generate-icons
```

```
# Build for current platform
npm run build
```

```
# Build for specific platform
npm run build:win    # Windows
npm run build:mac    # macOS
npm run build:linux  # Linux (generates .deb, .AppImage, and .snap)
```

```
# Build for all platforms
npm run dist:all
```

Version History

- **v1.3.1** - Bug fixes: Fixed file associations for double-clicking .md files, corrected 50/50 layout alignment for editor/preview panes
- **v1.3.0** - Major update: Tabbed interface for multiple files, enhanced PDF export with LaTeX engines, fixed file associations, removed redundant converter menu, improved UI architecture
- **v1.2.1** - Comprehensive editor enhancements: Find & Replace, Line Numbers, Undo/Redo, Auto-indentation, PowerPoint export, document conversion menu, table creation helper, spreadsheet export
- **v1.1.0** - Added Excel/ODS spreadsheet export, updated author information, renamed to PanConverter
- **v1.0.0** - Initial release with basic markdown editing, themes, and Pandoc export

Known Issues

- AppImage may require --no-sandbox flag on some Linux systems
- Windows/Mac builds require platform-specific build environments
- Large files may cause performance issues

Contributing

Contributions are welcome! Please feel free to submit a Pull Request to the [GitHub repository](#).

License

MIT License - see LICENSE file for details.

Author

Amit Haridas - amit.wh@gmail.com

Acknowledgments

- Built with [Electron](#)
- Markdown parsing by [marked](#)
- Export functionality powered by [Pandoc](#)
- Syntax highlighting by [highlight.js](#)
- Spreadsheet export by [XLSX](#)
- HTML sanitization by [DOMPurify](#)