

WgetGUI Ultimate: A Fluent Command Generator

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1 Wget Command Generator

Following the success of my RobocopyGUI tool, I've developed **WgetGUI Ultimate**. This interactive web-based interface is designed to demystify the powerful but complex GNU Wget utility, allowing users to build sophisticated download strings through a clean, Fluent-style UI.

Instead of wrestling with dozens of command-line switches like `-r`, `-np`, or `--limit-rate`, you can simply toggle switches and fill in fields to see your command built in real-time.

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2 Features

The WgetGUI provides a comprehensive suite of options for web scraping and file retrieval:

- **Quick Presets:** One-click configurations for common tasks like mirroring an entire website for offline viewing or checking for broken links (Spider mode).
- **Recursive & Mirroring:** Easily set recursion depth, convert links for local viewing, and manage page requisites.
- **Advanced Throttling:** Control your bandwidth usage with rate limiting and randomized wait intervals to avoid server rate-limits.
- **Batch Queue:** Build multiple commands and export them as a single `.bat` file for Windows automation.
- **Dark/Light Mode:** A native-feeling Windows 11 (Fluent) aesthetic that respects your system's theme preference.

3 Technical Details

This tool is a pure client-side application built using **vanilla HTML, CSS, and JavaScript**. It uses: - **Fluent UI Design:** CSS variables are utilized to mimic the Windows 11 design language,

providing a seamless experience for desktop users. - **GitHub Pages**: Hosted directly from the source repository, ensuring high availability and automatic updates. - **No Backend Required**: All command generation logic happens locally in your browser, ensuring your URLs and credentials remain private.

4 Use Cases

WgetGUI is ideal for: - **Digital Archivists**: Creating offline mirrors of websites before they go offline. - **Developers**: Testing server responses and checking for broken links via the “Spider” feature. - **Bulk Downloaders**: Managing large lists of files by importing URL text files. - **Students**: Learning the syntax of GNU Wget through a visual, trial-and-error environment.

Feedback and contributions are welcome! Check out the project on GitHub: <https://github.com/arpuuk/wget-gui>