

# Interactive Robocopy GUI Tool

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## 1 Robocopy Command Generator

I've developed an interactive web-based tool that simplifies creating robocopy commands through a user-friendly graphical interface. Instead of memorizing complex command-line syntax, users can simply select options and generate commands visually.

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## 2 Features

The tool provides an intuitive interface for:

- **Source and Destination Selection:** Easy path input with validation
- **Copy Options:** Checkboxes for common robocopy parameters like /E, /MIR, /R:n, etc.
- **Real-time Preview:** See your robocopy command as you build it
- **Copy to Clipboard:** One-click copying of the generated command
- **Parameter Explanations:** Tooltips and descriptions for each option

## 3 Technical Details

This tool is built with vanilla HTML, CSS, and JavaScript, making it lightweight and fast. It's hosted on GitHub Pages, which means it automatically updates whenever I push changes to the source repository.

The interface translates user selections into proper robocopy syntax, helping both beginners learn the command structure and experienced users save time on complex operations.

## 4 Use Cases

This tool is particularly useful for:

- System administrators managing file synchronization

- IT professionals setting up backup routines
- Anyone needing to copy large directory structures with specific parameters
- Learning robocopy syntax through visual exploration