

Build a SEO Sitemap Extractor Tool with AI and Cursor

Create a GUI-based tool to extract URLs from sitemaps using AI and Python.

Based on [How To Build A Seo Sitemap Extractor Tool Using Ai And Cursor](#) by Casey Builds It

Step 1: Set Up Project Folder

Begin by correctly organizing your project folder to prevent future complications.



Step 2: Prompt Cursor AI for Tool Generation

Learn to effectively prompt Cursor AI to generate a functional tool with a graphical user interface (GUI).

- Ensure prompts guide the AI to create a GUI, avoiding command-line execution.
- Experiment with prompts to achieve desired functionality.



Step 3: Develop Core Sitemap Extraction Logic

Implement the primary functionality to extract all URLs from a website's sitemap.

- The tool should handle common sitemap variations like `sitemap.xml` and `sitemap_index.xml`.
- The tool can identify if a site uses WordPress with Yoast SEO or is a standard HTML site.



Step 4: Test and Validate Functionality

Test the tool against real websites to confirm it accurately handles different sitemap formats and site structures.



Step 5: Implement Advanced Features

Enhance the tool by adding features such as splitting URLs by location or service for multi-location sites.



Step 6: Add CSV Export

Integrate CSV export functionality, including domain names and timestamps, for better data organization.



Step 7: Package as a Standalone App

Convert the Python script into a standalone `.exe` file so it can be run on Windows without Python installation.

- This allows users without Python to run the tool.
- Consider setting up over-the-air updates for future maintenance.

Resources & Further Reading

Related guides for this process:

■ Build Your Own SEO Sitemap Extractor Tool (Checklist)

<https://storage.googleapis.com/casey-builds-it-checklists-20260725-a3cd59/casey-builds-it/Checklist/build-your-own-seo-sitemap-extractor-tool-checklist.pdf>

■ Build Your Own SEO Sitemap Extractor Tool (Action Sheet)

<https://storage.googleapis.com/casey-builds-it-checklists-20260725-a3cd59/casey-builds-it/Action%20Sheet/how-to-build-a-seo-sitemap-extractor-tool-using-ai-and-cursor-action-sheet.pdf>

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