

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 setting up the project folder to avoid future organizational issues.



Step 2: Prompt Cursor AI Effectively

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

- Ensure the prompts guide the AI to create a GUI, not just a command-line tool.



Step 3: Develop Core 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.
- It can also identify if a site uses WordPress with Yoast SEO or is a standard HTML site.



Step 4: Test and Refine

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



Step 5: Implement Advanced Features

Add advanced capabilities such as splitting sitemap URLs by location or service for multi-location sites.

- This feature helps organize sites with many locations automatically.



Step 6: Add CSV Export

Integrate CSV export functionality, including domain names and timestamps, for easy data management and comparison.



Step 7: Package as Standalone App

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

- Consider setting up over-the-air updates for the tool to stay current.

Resources & Further Reading

Related guides for this process:

■ Build Your Own SEO Sitemap Extractor Tool (Checklist)

<https://storage.googleapis.com/casey-builds-it-checklists-20260730-ebab2c/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-20260730-ebab2c/casey-builds-it/Action%20Sheet/how-to-build-a-seo-sitemap-extractor-tool-using-ai-and-cursor-action-sheet.pdf>

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