

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 for Tool Generation

Learn to prompt Cursor effectively to generate a tool with a graphical user interface (GUI) that extracts sitemap URLs.

- Ensure prompts lead to a functional GUI, not just command-line output.



Step 3: Test and Validate Core Functionality

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

- Verify handling of sitemap.xml, sitemap_index.xml, and other common variations.
- Check detection of WordPress/Yoast SEO sitemaps versus standard HTML sitemaps.



Step 4: Implement Advanced Sorting

Enhance the tool to split sitemap URLs by location or service, useful for multi-location businesses.

- This feature automatically sorts URLs by city or keyword for sites with many locations.



Step 5: Add CSV Export Functionality

Integrate CSV export to include domain names and timestamps, facilitating organization and comparison.

- Exported data is easy to manage and share for client work.



Step 6: 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 makes the tool accessible to users without technical dependencies.



Step 7: Configure Over-the-Air Updates

Set up over-the-air updates to ensure the tool remains current without requiring manual re-downloads.

Resources & Further Reading

Related guides for this process:

■ Build Your Own SEO Sitemap Extractor Tool (Checklist)

<https://storage.googleapis.com/casey-builds-it-checklists-20260730-06c7a0/casey-builds-it/Checklist/build-your-own-seo-sitemap-extractor-tool-checklist.pdf>

■ Build a SEO Sitemap Extractor Tool (Action Sheet)

<https://storage.googleapis.com/casey-builds-it-checklists-20260730-06c7a0/casey-builds-it/Action%20Sheet/how-to-build-a-seo-sitemap-extractor-tool-using-ai-and-cursor-action-sheet.pdf>

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