

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

- Ensure prompts lead to a tool that meets your specific needs.
- Aim for a GUI rather than a command-line interface.



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 (sitemap.xml, sitemap_index.xml).
- Consider detecting site types like WordPress/Yoast vs. standard HTML.



Step 4: Test and Refine

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



Step 5: Implement Advanced Features

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

- This is useful for sites with many locations or service areas.
- Automate sorting by city or keyword.



Step 6: Add CSV Export

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

- This helps in comparing data over time or sharing with clients.



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.

- This makes the tool accessible to users without technical dependencies.



Step 8: Set Up Over-the-Air Updates

Configure over-the-air updates to ensure the tool remains current without manual 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-20260726-47cb55/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-20260726-47cb55/casey-builds-it/Action%20Sheet/how-to-build-a-seo-sitemap-extractor-tool-using-ai-and-cursor-action-sheet.pdf>

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