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

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Step 1: Set Up Project Folder

Begin by correctly setting up the project folder to avoid future organizational issues.

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Step 2: Prompt Cursor AI for Tool Generation

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

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

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Step 3: Test Core Functionality

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

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

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Step 4: Implement Advanced Features

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

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Step 5: Add CSV Export

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

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Step 6: Package as Standalone App

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

- This allows anyone to use the tool easily.

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Step 7: Configure Over-the-Air Updates

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

Resources & Further Reading

Related guides for this process:

■ Build a SEO Sitemap Extractor Tool Checklist

https://storage.googleapis.com/casey-builds-it-checklists-20260728-24e1c3/casey-builds-it/Checklist/build-a-seo-sitemap-extractor-tool-checklist.pdf

■ Build a SEO Sitemap Extractor Tool (Action Sheet)

https://storage.googleapis.com/casey-builds-it-checklists-20260728-24e1c3/casey-builds-it/Action%20Sheet/how-to-build-a-seo-sitemap-extractor-tool-using-ai-and-cursor-action-sheet.pdf

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