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👤 **abhaysingh1122** Fix: Correct environment variable name for ElevenLabs API   ✓

🕘 9391a64 · 3 months ago   🕘

Name	Name	Last commit date
📁 ..		
📄 README.md	Updated repo structure	5 months ago
📄 blog_to_podcast_ag...	Fix: Correct environment v...	3 months ago
📄 requirements.txt	Updated repo structure	5 months ago

README.md   ✏️ ☰

📰➡️🎙️ Blog to Podcast Agent

This is a Streamlit-based application that allows users to convert any blog post into a podcast. The app uses OpenAI's GPT-4 model for summarization, Firecrawl for scraping blog content, and ElevenLabs API for generating audio. Users simply input a blog URL, and the app will generate a podcast episode based on the blog.

Features

- **Blog Scraping**: Scrapes the full content of any public blog URL using Firecrawl API.

- **Summary Generation**: Creates an engaging and concise summary of the blog (within 2000 characters) using OpenAI GPT-4.

- **Podcast Generation**: Converts the summary into an audio podcast using the ElevenLabs voice API.

- **API Key Integration**: Requires OpenAI, Firecrawl, and ElevenLabs API keys to function, entered securely via the sidebar.

Setup

Requirements

1. **API Keys**:

   - **OpenAI API Key**: Sign up at OpenAI to obtain your API key.

   - **ElevenLabs API Key**: Get your ElevenLabs API key from ElevenLabs.

   - **Firecrawl API Key**: Get your Firecrawl API key from Firecrawl.

2. **Python 3.8+**: Ensure you have Python 3.8 or higher installed.

Installation

1. Clone this repository:

   ```
   git clone https://github.com/Shubhamsaboo/awesome-llm-apps
   cd ai_agent_tutorials/ai_blog_to_podcast_agent
   ```

2. Install the required Python packages:

   ```
   pip install -r requirements.txt
   ```

Running the App

1. Start the Streamlit app:

   ```
   streamlit run blog_to_podcast_agent.py
   ```

2. In the app interface:

   - Enter your OpenAI, ElevenLabs, and Firecrawl API keys in the sidebar.

   - Input the blog URL you want to convert.

   - Click "🎙️ Generate Podcast".

- Listen to the generated podcast or download it.