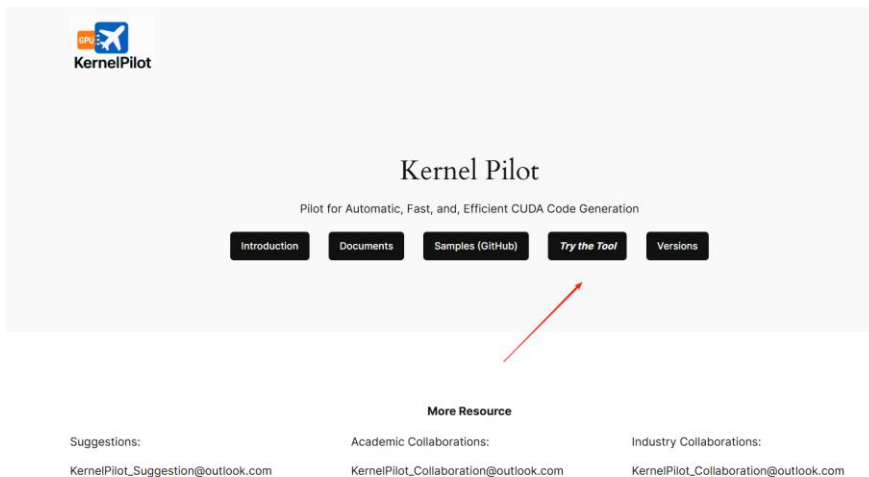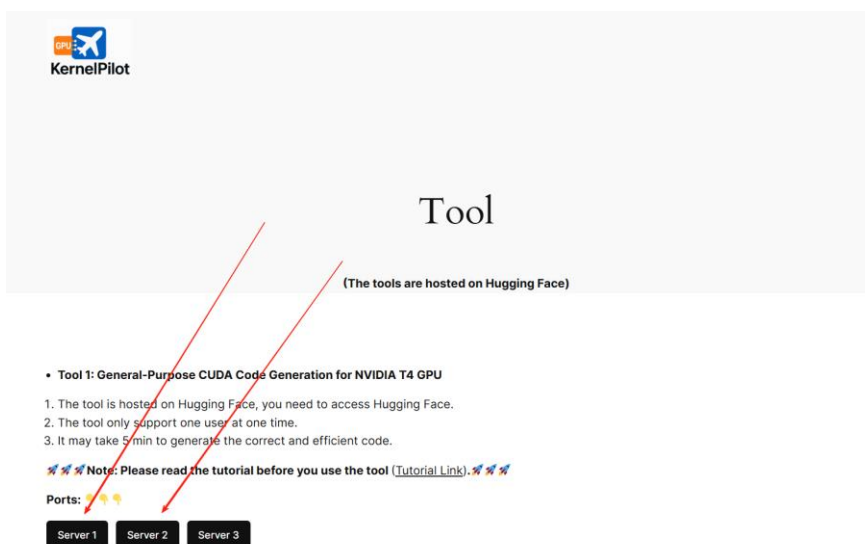# Tutorial for Kernel Pilot V1.0

Pilot for Automatic, Fast, and, Efficient CUDA Code Generation.

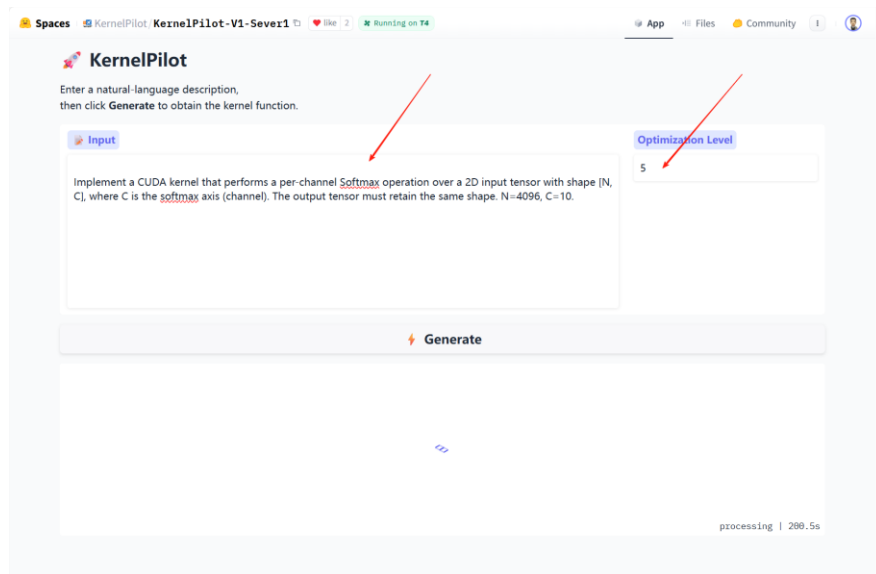**Step 1:** To use Kernel Pilot. Please make sure you can access Hugging Face, where the tool is supported.

Step 2: Come to the "*Try the Tool*" on the main page.

Step 3: Click the "Server 1/2" button to access the tool interface.

Step 4: You can enter a description of the CUDA code in the input window and select an optimization level (maximum = 5). **The input prompt is critical—minor errors may cause the tool to return an error. We strongly recommend starting with a sample prompt from the Prompt_Example.pdf in Documents page, which you can then modify as needed.**

Step 5: Click the "Generate" button to begin. It may take up to 20 minutes to generate the CUDA code. The server supports only one user at a time. If a "queue" message appears at the bottom, it means you need to wait for the previous job to finish.