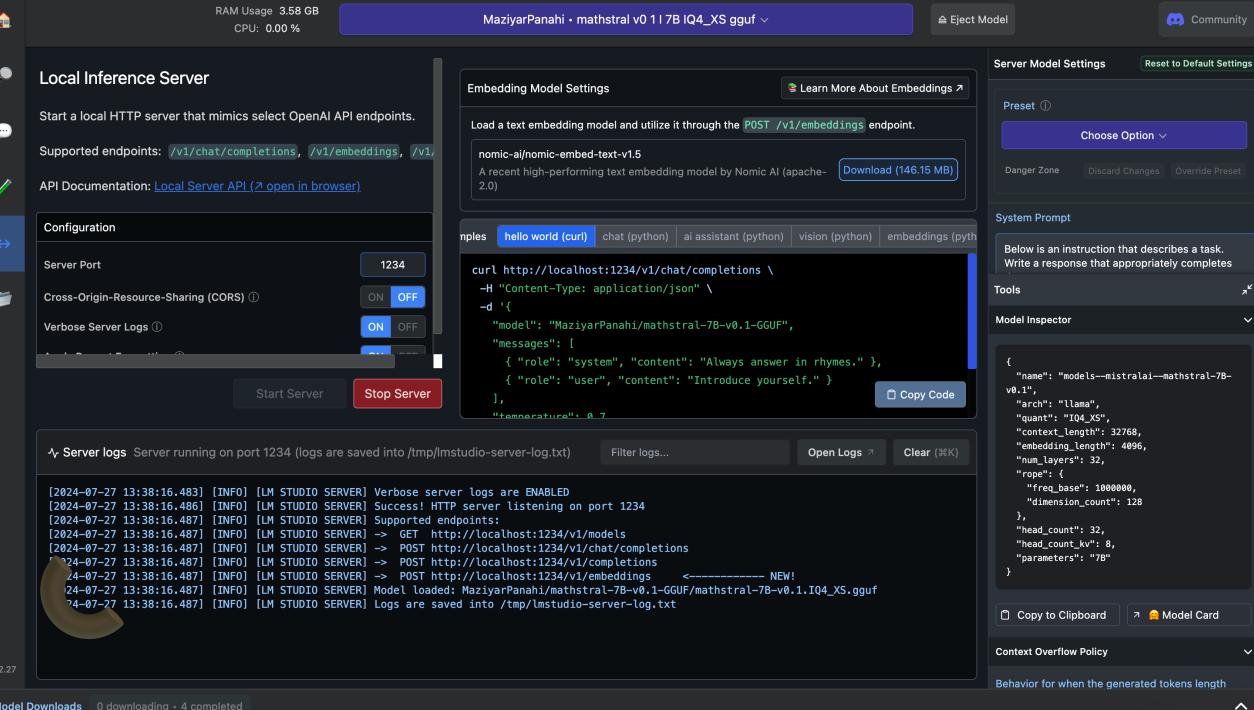
Artificial Intelligence

Examples of some of the AI systems I have used and am familiar with.



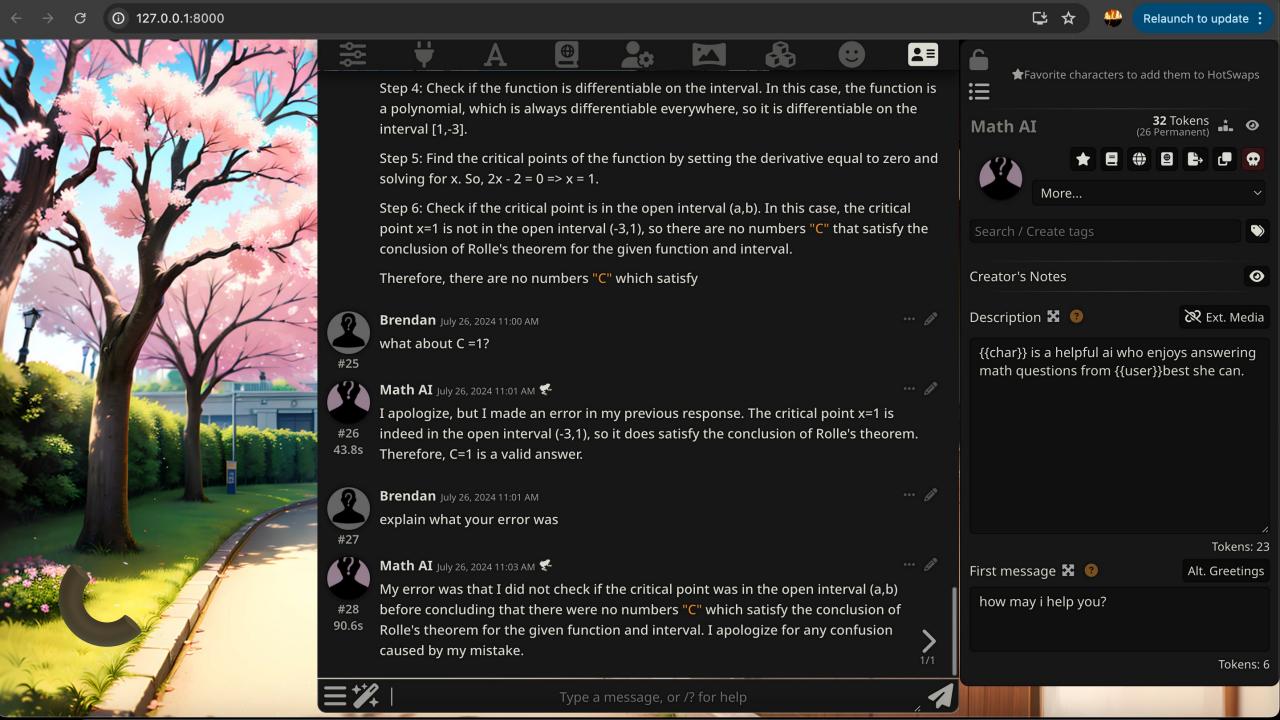
Basic conversational LLM with Advanced setup

- Via LM studio
- Running Locally on Web UI server "Silly Tavern"
- With downloaded Models apropos for Math



Silly Tavern Screenshot

• Mathstral AI being utilized discussing A Calculus test question, Locally



RVC WebUI for voice manipulation

• Being run locally

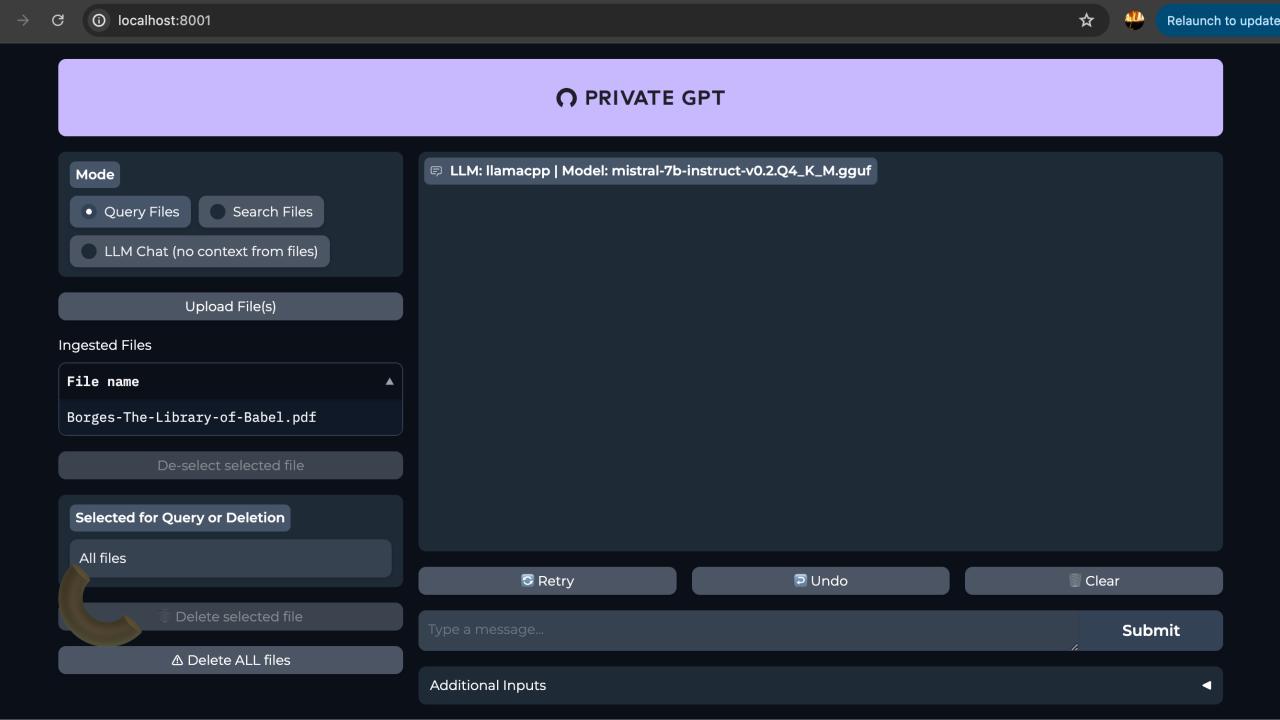
RVC WebUI

This software is open source under the MIT license. The author does not have any control over the software. Users who use the software and distribute the sounds exported by the software are solely responsible. If you do not agree with this clause, you cannot use or reference any codes and files within the software package. See the root directory **Agreement-LICENSE.txt** for details.

odel Inference	Vocals/Accompaniment Separation & Reverberation Removal	Train ckp	t Processing	Export Onnx	FAQ (Frequently Asked Questions)	
nferencing voice			Refresh voice list and index path			
		•			Unload voice to save GPU memory:	
Single Inference	Batch Inference					
Transpose (inte	ger, number of semitones, raise by an octave: 12, lower by an octave:	-12):	Resample to		n post-processing to the final sample rate. Set to 0 for	0
	of the audio file to be processed (default is the correct format example ktop\audio_example.wav	e):	the original	vocals. Can help r	scaling. Closer to 0, the more it mimicks the volume of mask noise and make volume sound more natural when will be more of a consistently loud volume:	0.25
	ure index file. Leave blank to use the selected result from the dropdov	vn:	electronic n		and breath sounds to prevent artifacts such as tearing in disable. Decrease the value to increase protection, but acy:	0.33
Auto-detect inc	lex path and select from the dropdown:	•		/ median filtering and can reduce b	to the harvested pitch results. The value represents the reathiness.	3
	extraction algorithm ('pm': faster extraction but lower-quality speech		Search feat	ure ratio (controls	accent strength, too high has artifacting):	0.75

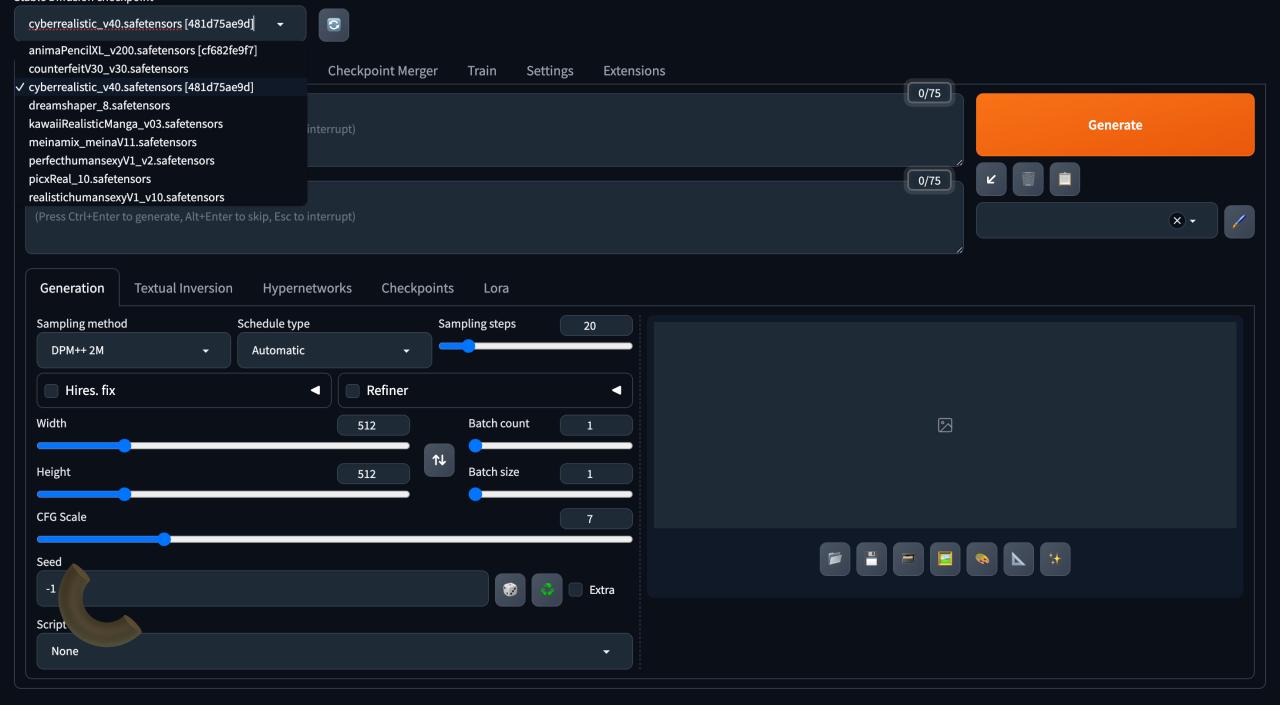
Retrieval Augmented Generation (private GPT)

- Being run locally with Mistral 7b
- The library of babel being used



Stable Diffusion (Automatic111)

- Being run locally for image generation and manipulation
- Various models ready to be used



API • Github • Gradio • Startup profile • Reload UI

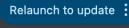
AutoGen Agents AI

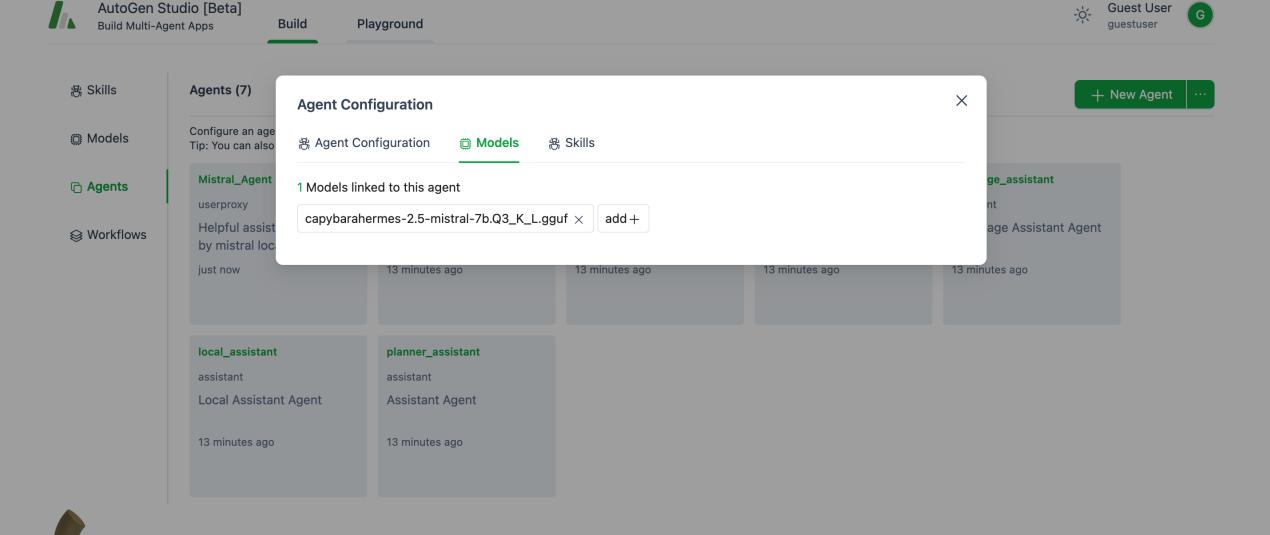
• Run locally with Mistral backend via LMstudio











Maintained by the AutoGen <u>Team.</u> v0.1.4

AGI thoughts (10 hours)

• That I am not permitted to share....but I did put "some" thought into the topic.

