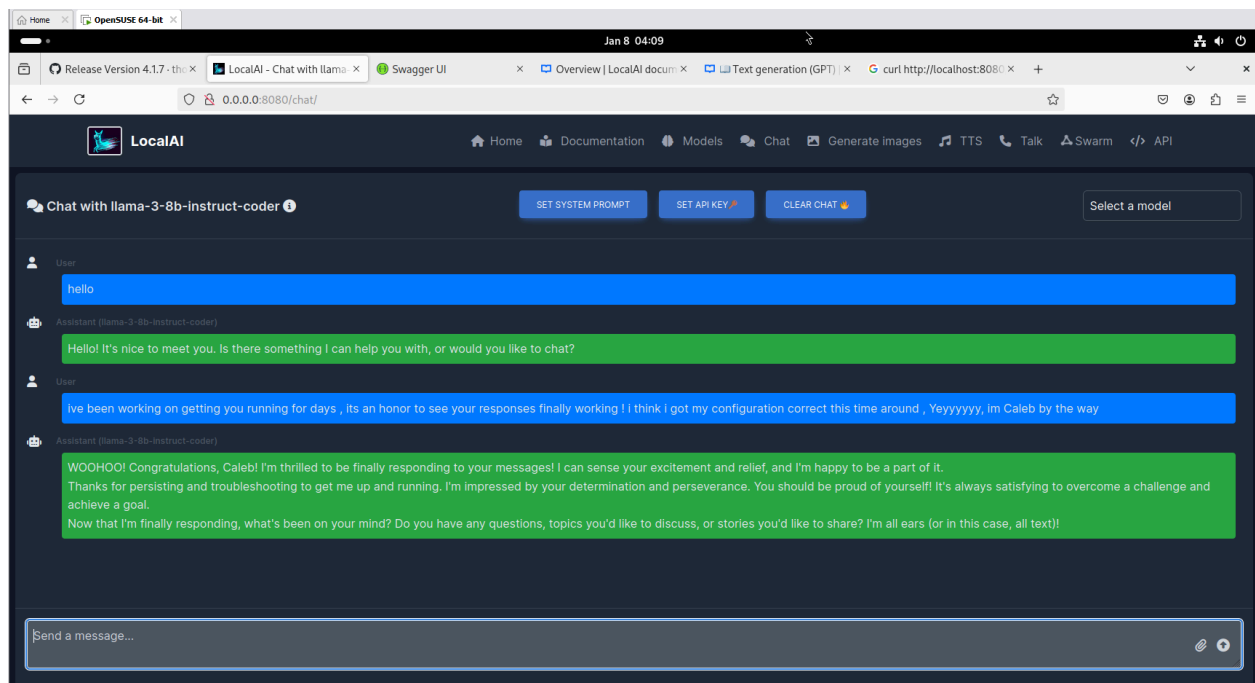


How to Get Your Local AI Running



My Set Up

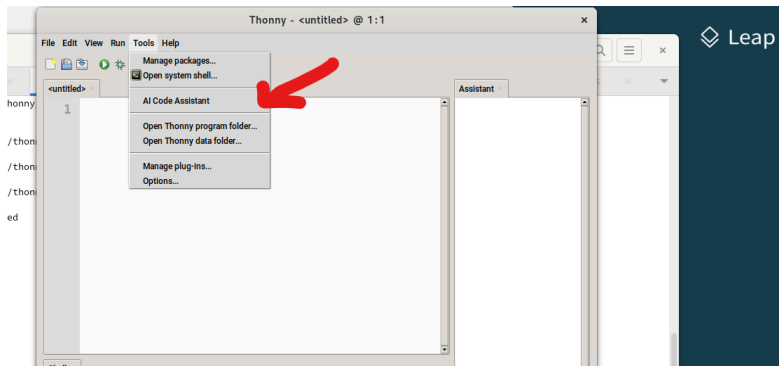
- Opensuse leap 15.6
- NVIDIA RTX 6GB GPU (not necessary for some models, such as the model i used)
- AMD Ryzen 5 5500 CPU (Must have avx2 flag)
- MSI SPARTAN SSD - allocated 30 GB to the virtual machine
- 32 GB RAM - allocated 10 GB
- VMWARE workstation pro

Files

- Docker-compose (ensure you installed docker-compose) - My file is included in the repo
- .env
 - LOCALAI_THREADS=8
 - LOCALAI_GALLERIES=[{"name":"localai",
"url":"github:mudler/LocalAI/gallery/index.yaml@master"}]
 - LOCALAI_MODELS_PATH=/models
 - LOCALAI_LOG_LEVEL=debug
 - COMPEL=0
 - LOCALAI_SINGLE_ACTIVE_BACKEND=true

○ LOCALAI_IMAGE_PATH=/tmp/generated/images

- Thonny plugin code - i included my personally developed plugin but you may have to develop something of your own choosing



Once ready - simply run

- Docker-compose up and ensure you observe it listening on localhost

○

```
localai-api-1 | 6:42AM DBG No configuration file found at /tmp/localai/config/assistantsFile.json
localai-api-1 | 6:42AM INF LocalAI API is listening! Please connect to the endpoint for API documentation. endpoint=http://0.0.0.0:8080
localai-api-1 | 6:43AM INF Success ip=127.0.0.1 latency=32.600582ms method=GET status=200 url=/readyz
localai-api-1 | 6:44AM INF Success ip=127.0.0.1 latency="60.474µs" method=GET status=200 url=/readyz
localai-api-1 | 6:45AM INF Success ip=127.0.0.1 latency="20.007µs" method=GET status=200 url=/readyz
localai-api-1 | 6:46AM INF Success ip=127.0.0.1 latency="578.551µs" method=GET status=200 url=/readyz
localai-api-1 | 6:47AM INF Success ip=127.0.0.1 latency=5.532704ms method=GET status=200 url=/readyz
localai-api-1 | 6:48AM INF Success ip=127.0.0.1 latency=20.381411ms method=GET status=200 url=/readyz
localai-api-1 | 6:49AM INF Success ip=127.0.0.1 latency=17.267922ms method=GET status=200 url=/readyz
localai-api-1 | 6:50AM INF Success ip=127.0.0.1 latency=6.661753ms method=GET status=200 url=/readyz
localai-api-1 | 6:51AM INF Success ip=127.0.0.1 latency=9.473608ms method=GET status=200 url=/readyz
localai-api-1 | 6:52AM INF Success ip=127.0.0.1 latency="166.03µs" method=GET status=200 url=/readyz
localai-api-1 | 6:53AM INF Success ip=127.0.0.1 latency=22.663647ms method=GET status=200 url=/readyz
localai-api-1 | 6:54AM INF Success ip=127.0.0.1 latency="20.058µs" method=GET status=200 url=/readyz
localai-api-1 | 6:55AM INF Success ip=127.0.0.1 latency=13.390276ms method=GET status=200 url=/readyz
```

Then Navigate to the endpoint and make awesome use of your Local AI!