

StarCoder2

StarCoder2

- Model Size
- Pulling StarCoder2
- Using StarCoder2
 - Running StarCoder2
 - Starting a conversation
 - Ending the conversation
- References

Demo Environment

Development Board: Jetson Nano

SD (TF) Card: 64GB

Recommended for models with 4 bytes or less parameters

Model Storage Location

/usr/share/ollama/.ollama/models

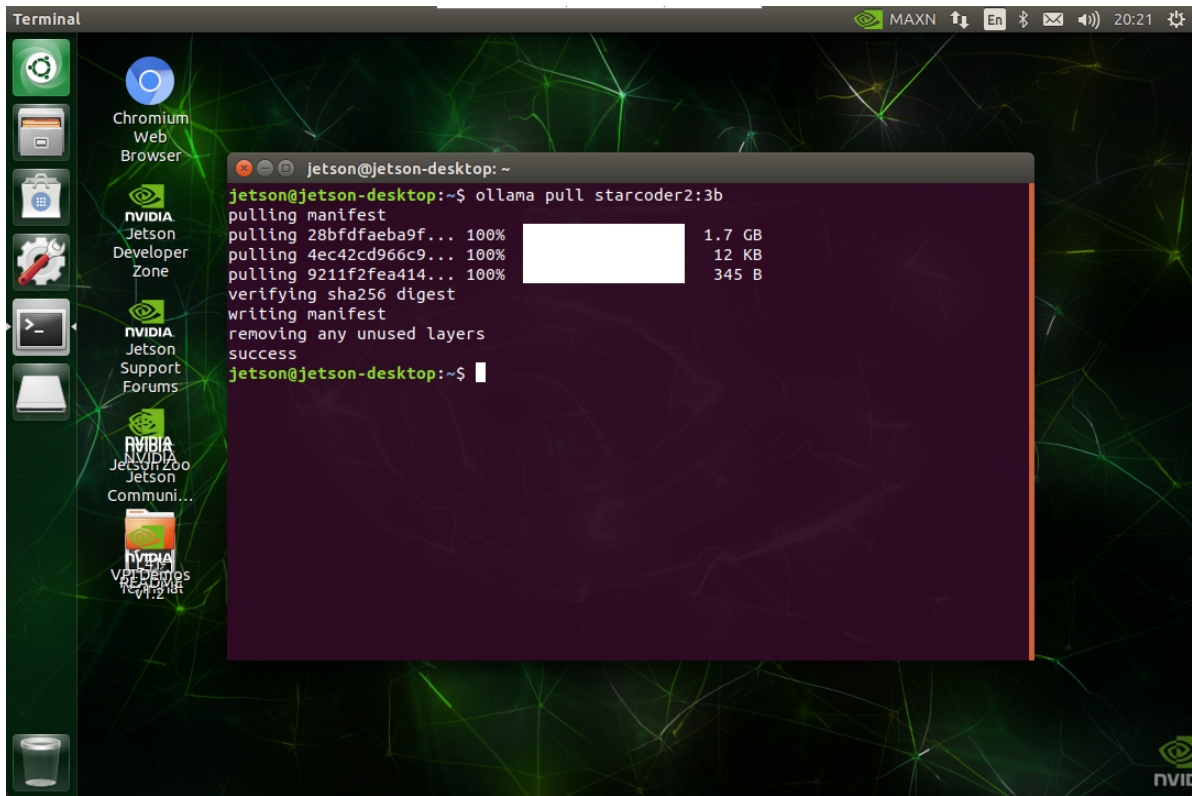
Model Size

Model	Parameters
StarCoder2	3 Bytes
StarCoder2	7 Bytes
StarCoder2	15 Bytes

Pulling StarCoder2

Using the pull command will automatically pull models from the TinyLlama model library:

```
ollama pull starcoder2:3b
```



Using StarCoder2

Running StarCoder2

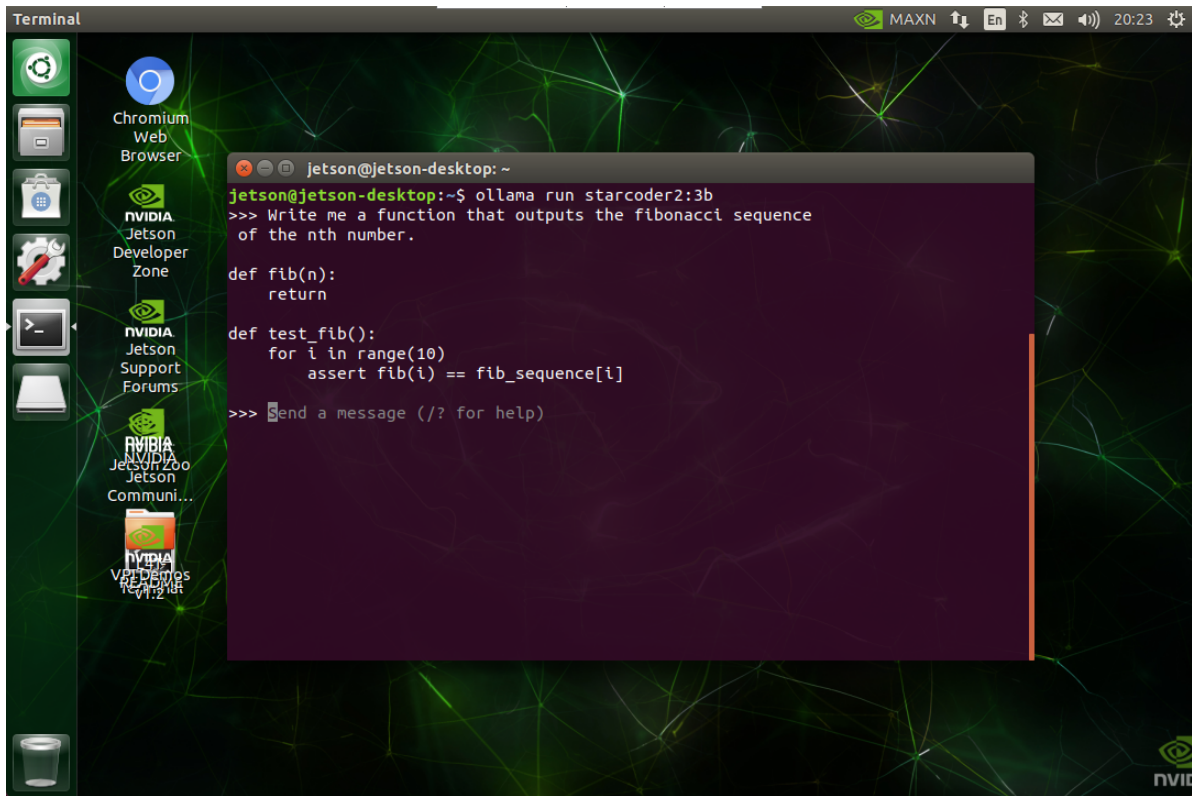
If the system does not have a running model, the system will automatically pull the StarCoder2 3B model and run it:

```
ollama run starcoder2:3b
```

Starting a conversation

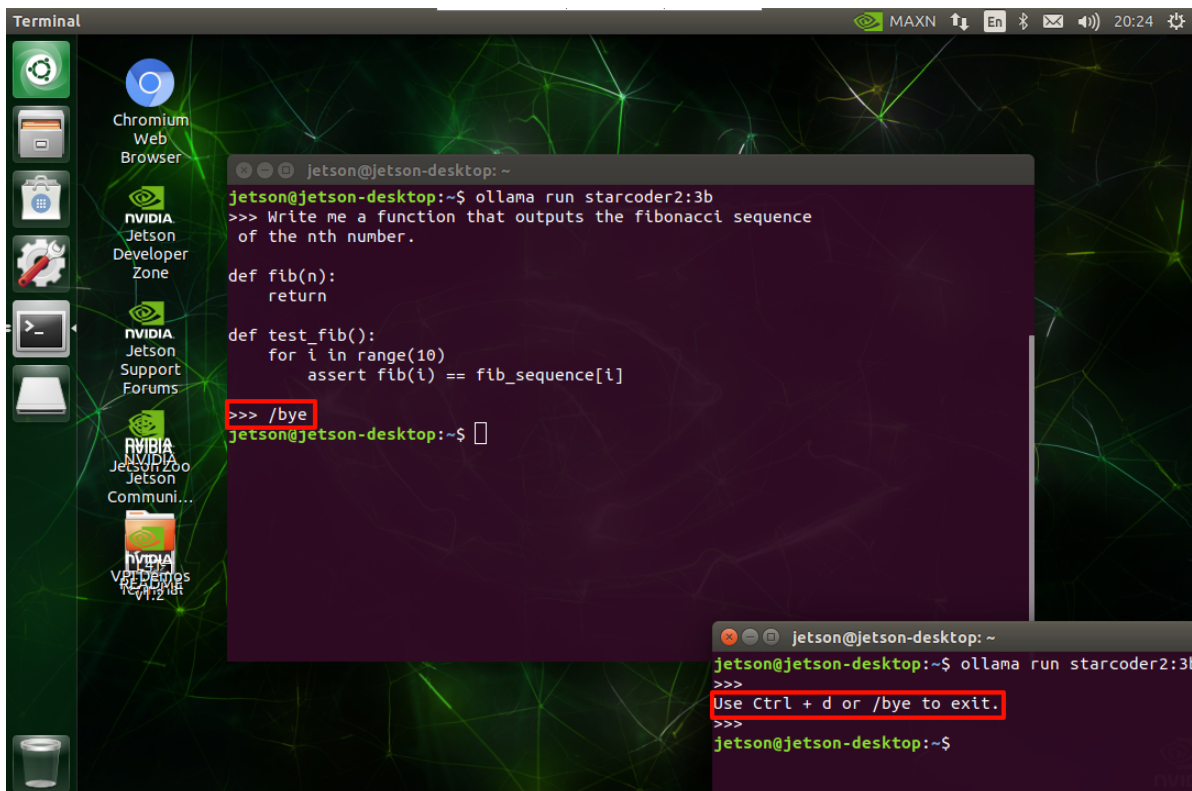
```
write me a function that outputs the fibonacci sequence
```

Response time depends on your hardware configuration, so please be patient!



Ending the conversation

Use the `Ctrl+d` shortcut or `/bye` to end the conversation!



References

Ollama

Official Website: <https://ollama.com/>

GitHub: <https://github.com/ollama/ollama>

StarCoder2

GitHub: <https://ollama.com/library/starcoder2>

Ollama Compatible Model: <https://ollama.com/library/starcoder2>