Dataset curation: 1,645 API calls. 94 from Torch Hub (exhaustive), 626 from TensorFlow Hub v2 (exhaustive) and 925 from HuggingFace (Top 20 in each domain).

Self-instruct with in-context examples to generate 16,450 {instruction,API} pairs

This is then used to train Gorilla-7B

GORILLA

API Database

API: torch.hub.load(...)

"I want to see some cats dancing in celebration!"

Information Retriever

Input:
###Task: Generate image from text
###Reference API:
StableDiffusionPipeline.from_ pretrained (...)

GORILLA

API:StableDiffusionPipeline.from_pretrained(stabilityai/stable-diffusion-2-1)

Execution Results!

Zero-shot