Kani: A Lightweight and Hackable LLM Framework

🦀 **Kani**

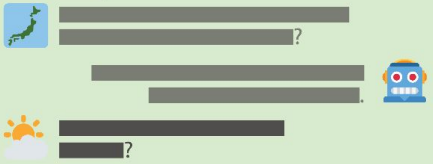Chat History

Function Context
```
def get_weather(location: str)
def fahren_to_celsius(deg: int)
...
```

Engine

What's the weather like in Tokyo?

It's 22 degrees Celsius and sunny in Tokyo right now.

```python
class Unit(Enum):
    FAHRENHEIT = "fahrenheit"
    CELSIUS = "celsius"

engine = OpenAIEngine(model="gpt-4")

class MyKani(Kani):
    @ai_function()
    async def get_weather(self,
        loc: Annotated[str, AIParam(desc="Desired city")],
        unit: Unit):
        """Get the current weather in a given location."""
        # ... query a weather API
        return weather

ai = MyKani(engine, system_prompt="You are...")

chat_in_terminal(ai)
```

Pure Python

Model Agnostic

Robust Function Calling

Chat History Management

Kani (カニ) is a lightweight and unopinionated framework for researchers, industry professionals, and hobbyists alike to build LM applications.

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📦 pip install kani ⚙ github.com/zhudotexe/kani 📕 kani.readthedocs.io