```
!pip -q install langchain huggingface_hub openai google-search-results
tiktoken wolframalpha
```

```python
import os
```

To get started with using Wolfram Alpha in your conversational agent, you will need to set up a developer account on their website. After signing up, create an application and retrieve your unique APP ID. Then, you can install the Wolfram Alpha library by using the pip command. Finally, to ensure proper functionality, you should save your APP ID as an environment variable.

```python
os.environ["WOLFRAM_ALPHA_APPID"] = ""
os.environ["OPENAI_API_KEY"] = ""
```

```
!pip show langchain
```

```
Name: langchain
Version: 0.0.196
Summary: Building applications with LLMs through composability
Home-page: https://www.github.com/hwchase17/langchain
Author:
Author-email:
License: MIT
Location: /usr/local/lib/python3.10/dist-packages
Requires: aiohttp, async-timeout, dataclasses-json, langchainplus-sdk,
numexpr, numpy, openapi-schema-pydantic, pydantic, PyYAML, requests,
SQLAlchemy, tenacity
Required-by:
```

```python
from langchain import OpenAI
from langchain.agents import initialize_agent, Tool
# from langchain.prompts import PromptTemplate
# from langchain.chains import LLMChain
from langchain.utilities.wolfram_alpha import WolframAlphaAPIWrapper
```

```python
llm = OpenAI(temperature=0, model_name="text-davinci-003")
```

```python
search =WolframAlphaAPIWrapper()
```

```python
tools = [
    Tool(
        name = "Search",
        func=search.run,
        description="useful for when you need to answer questions
about current events",
        return_direct=True
    ),
```

```python
    Tool(
        name='Lookup',
        func=search.run,
        description='use this tool for general purpose queries'
    )

]


react = initialize_agent(tools, llm, agent="zero-shot-react-description", verbose=True)


question = "How many days until the next Solar exclipse?"
react.run(question)
```

```
> Entering new AgentExecutor chain...
 I need to find out when the next Solar eclipse is
Action: Search
Action Input: "Next Solar Eclipse"
Observation: Assumption: next | solar eclipse | after today
Answer: Saturday, October 14, 2023 (4 months from now)


> Finished chain.
```

```json
{"type":"string"}
```