Introduction to AutoGen and AI Agents

Video 4: A Simple Example

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How to Use Autogen?

```python
import autogen
import os

os.environ["AUTOGEN_USE_DOCKER"] = "False"

config_list = [
    {
        "model": "gpt-4o",
        "api_key": "your openai api key here",
    }
]
```

- Autogen requires a **config list**.

- **Use_Docker** should be **false** unless running code.

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Can Agents Converse with each other?

```python
12    from autogen import AssistantAgent, UserProxyAgent
13
14    assistant = AssistantAgent("assistant", llm_config=llm_config)
15    user_proxy = UserProxyAgent("user_proxy", code_execution_config=False)
16
17    user_proxy.initiate_chat(assistant, message="Hello!  How are you today?")
```

Let's create 2 agents and let them chat!