

You think, saw, remembered, can

Creating or Cloning Agents

```
1 from agents import Agent
2
3 # Basic
4 my_agent = Agent(
5     name="my_agent",
6     instructions="You are extremely friendly and helpful."
7 )
8
9 # Cloning with modifications
10 new_agent = my_agent.clone(
11     name="my_new_agent",
12     instructions="Now you're more formal."
13 )
```

Context

Sometimes you need to keep session data, credentials, or ephemeral state across multiple tool calls or steps. The Agents SDK allows a **context** object to be passed into the run.

- You create any Python class as context, or use a typed approach with `Agent(context_type=MyContext)`.
- Tools can then access that context, read data, and update it.

Using Context for User Sessions

```
1 from agents.run_context import AgentContextWrapper
2 from agents.tool import function_tool
3
4 class MyContext:
5     def __init__(self, user_id: str):
6         self.user_id = user_id
7         self.seen_messages = []
8
9 @function_tool
10 def greet_user(context: AgentContextWrapper[MyContext], greeting: str) -> str:
11     user_id = context.agent_context.user_id
12     return f"Hello {user_id}, you said: {greeting}"
13
14 agent = Agent(
15     name="my_agent_with_context",
16     context_type=MyContext,
17     tools=[greet_user],
18 )
19
20 my_ctx = MyContext(user_id="alice")
21 result = await AgentRunner.run(
22     agent,
23     input=["Hi agent!"],
24     context=my_ctx,
25 )
```

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Agents SDK

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<https://platform.openai.com/docs/guides/agents-sdk#tools>