

Examples

Check out a variety of sample implementations of the SDK in the examples section of the [repo](#). The examples are organized into several categories that demonstrate different patterns and capabilities.

Categories

- **agent_patterns**: Examples in this category illustrate common agent design patterns, such as
 - Deterministic workflows
 - Agents as tools
 - Parallel agent execution
- **basic**: These examples showcase foundational capabilities of the SDK, such as
 - Dynamic system prompts
 - Streaming outputs
 - Lifecycle events
- **tool examples**: Learn how to implement OAI hosted tools such as web search and file search, and integrate them into your agents.
- **model providers**: Explore how to use non-OpenAI models with the SDK.
- **handoffs**: See practical examples of agent handoffs.
- **mcp**: Learn how to build agents with MCP.
- **customer_service** and **research_bot**: Two more built-out examples that illustrate real-world applications
 - **customer_service**: Example customer service system for an airline.
 - **research_bot**: Simple deep research clone.
- **voice**: See examples of voice agents, using our TTS and STT models.

