

```
from swarms_cloud.schema.openai_spec import OpenAIAPIWrapper
```

```
def test_set_input_spec():
```

```
    wrapper = OpenAIAPIWrapper()
```

```
    wrapper.set_input_spec(prompt="Hello, world!")
```

```
    assert wrapper.input_spec.prompt == "Hello, world!"
```

```
def test_set_output_spec():
```

```
    wrapper = OpenAIAPIWrapper()
```

```
    wrapper.set_output_spec(status="completed")
```

```
    assert wrapper.output_spec.status == "completed"
```

```
def test_get_input_spec():
```

```
    wrapper = OpenAIAPIWrapper()
```

```
    wrapper.set_input_spec(prompt="Hello, world!")
```

```
    assert (
```

```
        wrapper.get_input_spec()
```

```
        == '{"model": "gpt-3.5-turbo", "max_new_tokens": 100, "prompt": "Hello, world!", "stream": false,
```

```
"sampling_params": null, "best_of": 1, "echo": false, "frequency_penalty": 0.0, "logit_bias": null,
```

```
"logprobs": null, "max_tokens": null, "n": 1, "presence_penalty": 0.0, "seed": null, "stop": null, "suffix":
```

```
null, "temperature": 0.0, "top_k": 0, "top_p": 1.0, "user": null}'
```

```
)
```

```
def test_get_output_spec():  
    wrapper = OpenAPIWrapper()  
    wrapper.set_output_spec(status="completed")  
    assert '"status": "completed"' in wrapper.get_output_spec()
```