

```
# Import the idefics model from the swarms.models module
```

```
from swarm_models import Idefics
```

```
# Create an instance of the idefics model
```

```
model = Idefics()
```

```
# Define user input with an image URL and chat with the model
```

```
user_input = (
```

```
    "User: What is in this image?"
```

```
    " https://upload.wikimedia.org/wikipedia/commons/8/86/Id%C3%A9fix.JPG"
```

```
)
```

```
response = model.chat(user_input)
```

```
print(response)
```

```
# Define another user input with an image URL and chat with the model
```

```
user_input = (
```

```
    "User: And who is that?"
```

```
"
```

```
https://static.wikia.nocookie.net/asterix/images/2/25/R22b.gif/revision/latest?cb=20110815073052"
```

```
)
```

```
response = model.chat(user_input)
```

```
print(response)
```

```
# Set the checkpoint of the model to "new_checkpoint"
```

```
model.set_checkpoint("new_checkpoint")
```

```
# Set the device of the model to "cpu"
```

```
model.set_device("cpu")
```

```
# Set the maximum length of the chat to 200
```

```
model.set_max_length(200)
```

```
# Clear the chat history of the model
```

```
model.clear_chat_history()
```