

A simplest Python3 script for a bot; it will continue to ask for messages and it will start with simple-start.xml and then ask to "load aiml", which means the aiml files mentioned in the file simple-start.xml are loaded. Before you can use it, you have to install (using pip/pip3) python-aiml (this is the Python3 version).

In [41]: **import aiml**

```
# Create the kernel and learn AIML files
kernel = aiml.Kernel()
kernel.learn("simple-start.xml")
kernel.respond("load aiml")

# Press CTRL-C to break this loop
while True:
    message = input("Enter your message >> ")
    if message == "quit":
        break #useful in notebook
        # exit() # useful in actual application
    elif message == "save":
        kernel.saveBrain("bot_brain.brn")
    else:
        bot_response = kernel.respond(message)
        # Do something with bot_response
        # syntactic parse
        # prosodic parse
        print(bot_response)
```

```
Loading simple-start.xml...done (0.00 seconds)
Loading basic_chat.aiml...done (0.00 seconds)
Loading complex_processes.aiml...done (0.00 seconds)
Enter your message >> hello
Well, hello!
Enter your message >> I want to go to rotterdam
Your destination is rotterdam.
Enter your message >> where am i?
You told me you are in .
Enter your message >> i want to go from amsterdam to rotterdam
Your destination is rotterdam, leaving from amsterdam.
Enter your message >> where am i?
You told me you are in amsterdam.
Enter your message >> quit
```

De bot is nu nog heel simpel. Er kunnen allerlei bestaande aiml-files gebruikt worden.