

# Chatbot Dialogs

Alison Hau

Because of the way AIML matches patterns, some characters couldn't be properly entered into the chatbot. The characters from the input have been transcribed to the proper IPA in the glosses.

## 1 Dialog 1

**USR: eUZ**

eʊʒ  
eʊʒ  
hello  
hello  
'Hello.'

**BOT: aNeUZ**

aŋeʊʒ  
aŋ- eʊʒ  
two- hello  
second hello  
'Hello back to you.'

**USR: sA SeSAr Za**

sə ʃi:ef:ɑɪ ʒa  
sa ʃi:ef: -ɑɪ ʒa  
yes.Q fish -SG.ACC 3.SG.NOM.PRON  
yes fish it  
'Isn't this a fish?'

**BOT: SeSAr Za sA**

ʃi:ef:ɑɪ ʒa sɑ  
ʃi:ef: -ɑɪ ʒa sɑ  
fish -SG.ACC 3.SG.NOM.PRON no  
fish it yes  
'Yes, it is a fish.'

**USR: ZaTHe ZaAr Yamsawat**

ʒaθe ʒaɑr !amsawat<sup>h</sup>  
ʒa -θe ʒaɑr !ams -a -wat<sup>h</sup>  
3.SG.NOM.PRON -Q 3.SG.ACC.PRON eat -3.SG.PRES -IMP  
who it eat -ing  
'Who is eating it?'

**BOT: wlat<sup>h</sup> ZaAr !amsEnwAt**

wlat<sup>h</sup> ʒaɑr !amsenwat<sup>h</sup>  
wlat<sup>h</sup> ʒaɑr !ams -ɛn -wat<sup>h</sup>  
1.SG.NOM.PRON 3.SG.ACC.PRON eat -1.SG.PRES -IMP  
I it eat -ing  
'I am eating it.'

**USR: sAZE manin Za**

saʒɛ manin ʒa  
 sa -ʒɛ manin ʒa  
 yes.Q -no.q delicious 3.SG.NOM.PRON  
 yes no delicious it  
 ‘Is it delicious?’

**BOT: manin Za ZE**

manin ʒa ʒɛ  
 manin ʒa ʒɛ  
 delicious 3.SG.NOM.PRON no  
 delicious it no  
 ‘No, it is not delicious.’

## 2 Dialog 2

(Loosely based on actual conversations I’ve had with my dad)

**USR: InsE xEnr**

msɛ xɛnɪ  
 ms -ɛ xɛn -ɪ  
 have -2.SG.PRES hour -PL.ACC  
 have you hour -s  
 ‘Do you know what time it is?’

**BOT: xEnr s^insEt**

xɛnɪ saɪnsɛt<sup>h</sup>  
 xɛn -ɪ sa- ins -ɛt<sup>h</sup>  
 hour -PL.ACC NEG have -1.SG.PRES  
 hour -s not have I  
 ‘I don’t know what time it is’

**USR: saZIm xEnr anrTHE Insa**

saʒɪm xɛnɪ anɪθe msa  
 saʒɪm xɛn -ɪ an -ɪ -θe ms -a  
 falling tide hour -PL.ACC twelve -PL.ACC -Q have -2.SG.PRES  
 falling tide hour -s twelve -s have  
 ‘What time is it? (*How many hours does the falling tide have?*)’

**BOT: saZIm xEnir aNir Insa**

saʒɪm xɛnɪr aɲɪr msa  
 saʒɪm xɛɲ -ɪr aɲ -ɪr ms -a  
 falling-tide hour -DU.ACC two -DU.ACC have -3.SG.PRES  
 falling-tide hour -s two have  
 ‘It is 1pm.’

**USR: Insa saZIM xEnir aNir**

msa saʒɪm xɛnɪr aɲɪr  
 ms -a saʒɪm xɛɲ -ɪr aɲ -ɪr  
 have -3.SG.PRES falling-tide hour -DU.ACC two -DU.ACC  
 have falling-tide hour -s two  
 ‘It’s 1pm, yes?’

**BOT: ZE**

ʒɛ  
 ʒɛ  
 No  
 No  
 ‘No’

### 3 Dialog 3

**USR: ZaTHe zEIn**

ʒaθe zɛɪn

ʒa -θe zɛɪn  
3.SG.NOM.PRON -textscq 2.SG.NOM.PRON  
it ? you

‘Who are you?’

**BOT: wlat wlat**

wlat<sup>h</sup> wlat  
wlat<sup>h</sup> wlat<sup>h</sup>  
1.SG.NOM.PRON 1.SG.NOM.PRON  
I I

‘I am me.’

**USR: wlat USR**

wlat<sup>h</sup> USR  
wlat<sup>h</sup> USR  
I USR  
I USR

‘I am USR.’

**BOT: eUZ USR wlat AmA**

eʊʒ ʊʃr wlat<sup>h</sup> ama  
eʊʒ USR wlat<sup>h</sup> ama  
hello USR 1.SG.NOM.PRON birth-parent  
hello USR I birth-parent

‘Hi USR, I’m dad.’

**USR: Umini sfˆ wlanA**

ʊm:iɪni sfˆ wlanə  
ʊm:i -ini sfˆ wlanə  
swim -2.SG.FUT COM 1.SG.ADP.PRON  
swim with me

‘Will you swim with me?’

**BOT: sfˆ Umiwi**

sfˆ ʊmiwi  
sfˆ ʊm:i -iwi  
COM swim 1.SG.FUT  
with swim

‘I will swim with (you).’

**USR: nU ZaTHe Umiila**

nʊ ʒaθe ʊm:iila  
nʊ ʒa -θe ʊm:i -ila  
ALL 3.SG.NOM.PRON -Q swim -1.DU.INCL.FUT  
to what swim

‘Where will we swim to?’

**BOT: nU simUIIt**

nʊ simʊɪt<sup>h</sup>  
nʊ simʊ -it<sup>h</sup>  
all iceberg -SG.ADP  
to iceberg

‘To the iceberg.’

**USR: sA a:wE**

sa a:wE  
sa a:wE  
yes bye  
yes bye  
'Okay bye!!'

**BOT: mElI sAfI Um:i:ni**

mElI sAfI um:i:ni  
mε lɪ safi um:i -ini  
IMP INE deep ocean swim -2.SG.FUT  
in deep ocean swim  
'Be safe/bye!'

## 4 Future improvements

One thing I wish I could've done that I wasn't able to figure out was how to dynamically answer any type of question, since 1) questions are sometimes marked by moving the VP to the beginning of the sentence, which is hard to identify without hard-coding, and 2) changing the person marking of the verb involves identifying the stem verb and swapping out the word ending, which is also hard to do using the AIML pattern matching and without just hard-coding the verb stems. Maybe AIML 2.0 or some preprocessing would do the trick.