对话系统文档

翟晓琳 1711533

- 启动方式：roslaunch rchomeedu_speech speech.launch

- 实现的功能：（1）使用 speech.launch 文件实现语音识别节点、aiml 对话节点、soundplay 节点三个节点的配置和启动

  （2）实现了离线语音识别

  （3）使用 aiml 生成对话

  （4）使用 soundplay 进行语音合成

- 对话设计：Q:Hello.

  A:Well,hello.

  Q:What is your name?

  A:My name is Jack.

  Q:Where are you from?

  A:I am from NANKAI University,Tianjin,China.

  Q:How old are you?

  A:I am 18 years old.

  Q:What are you?

  A:I am a bot,silly.

  Q:Tell me a joke.

  A:(随机选择一个)
I met a Dutch girl with inflatable shoes last week, phoned her up to arrange a date but unfortunately she'd popped her clogs.

  So I said "Do you want a game of Darts?" He said, "OK then", I said nearest to bull starts". He said, "Baa", I said, "Moo", he said, You're closest".

  The other day I sent my girlfriend a huge pile of snow. I rang her up; I said "Did you get my drift?"

So I went down the local supermarket, I said, "I want to make a complaint, this vinegar's got lumps in it", he said, "Those are pickled onions".

I saw this bloke chatting up a cheetah; I thought, "He's trying to pull a fast one".

Q:Do you think it is funny?

A:Well computers think it's a funny joke.