* The needed libraries are in lib folder of the project
* Open project with eclipse
* First of all change arguments (in Run configurations) for the right ip address and port
* Create Runnable JAR file of the project and start the program with a batch file

(How to create a batch file: copy in Editor following lines,

rem \*

java -jar nameofthejarfile.jar

and save it as a .bat file)

* Or run it in eclipse
* Send „#STT#START“ via UDP to start the recording, after the recording the recognition starts automatically
* After the recognition the result will be shown, send „#STT#END“ via UDP to send the result text to the BRAIN
* In order to create and use own language models und dictionaries, follow these intructions:

1. You need a „corpus.txt“ file, it contains alle the words and sentences fort he language model (LM) and dictionary
2. Upload the corpus.txt to <http://www.speech.cs.cmu.edu/tools/lmtool-new.html>
3. Click on the button „Compile Knowledge Base“
4. LM and dictionary will be generated automatically
5. Add these to the src-folder of the project
6. Add the paths to project under  ***private static final String LANGUAGE\_MODEL*** and ***private static final String DICTIONARY\_PATH***

* Preferably put the LM, acoustic model (AM) and dictionary into the src-folder of the project, it is easier to edit the paths of them in the source code
* Create a folder for the record file on your local drive and change the path according to that in the “Recorder” class for the new “File” object and in the “Sphinx4” class for the method “recognizer.startRecognition(new FileInputStream())”