Autonomous Agents

CodeName : AIBond

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Codename : AIBond - Main Idea

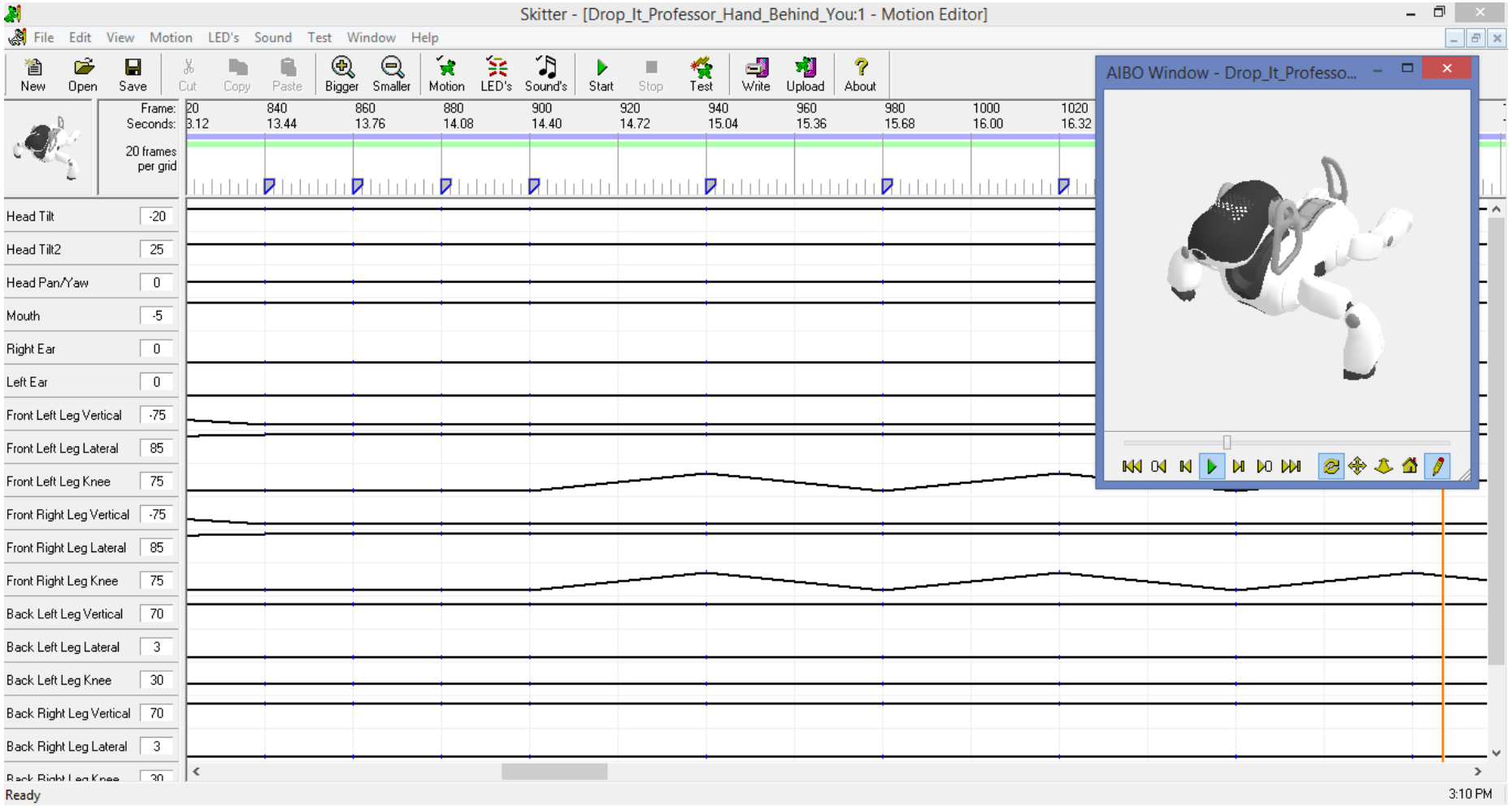
- The main idea of “Codename : AIBond” project is the development of a complete personality of the famous agent James Bond on AIBO ERS-7 Entertainment Robot.
- James Bond personality includes original lines form the movies, motion of the robot and LED lighting and of course the legendary James Bond theme music.

Good evening
Mr. Bond!

James Bond in Skitter

- The personality of James Bond was developed on Skitter – AIBO Performance Editor.
- Every line of 007 was transformed in a skit that includes the movie line itself, motion of the robot, LED lights and music.
- All the three performance editors of Skitter were used, one for the motion of AIBO, one for LEDs and one for music.
- And of course the music that was chosen was James Bond theme music.

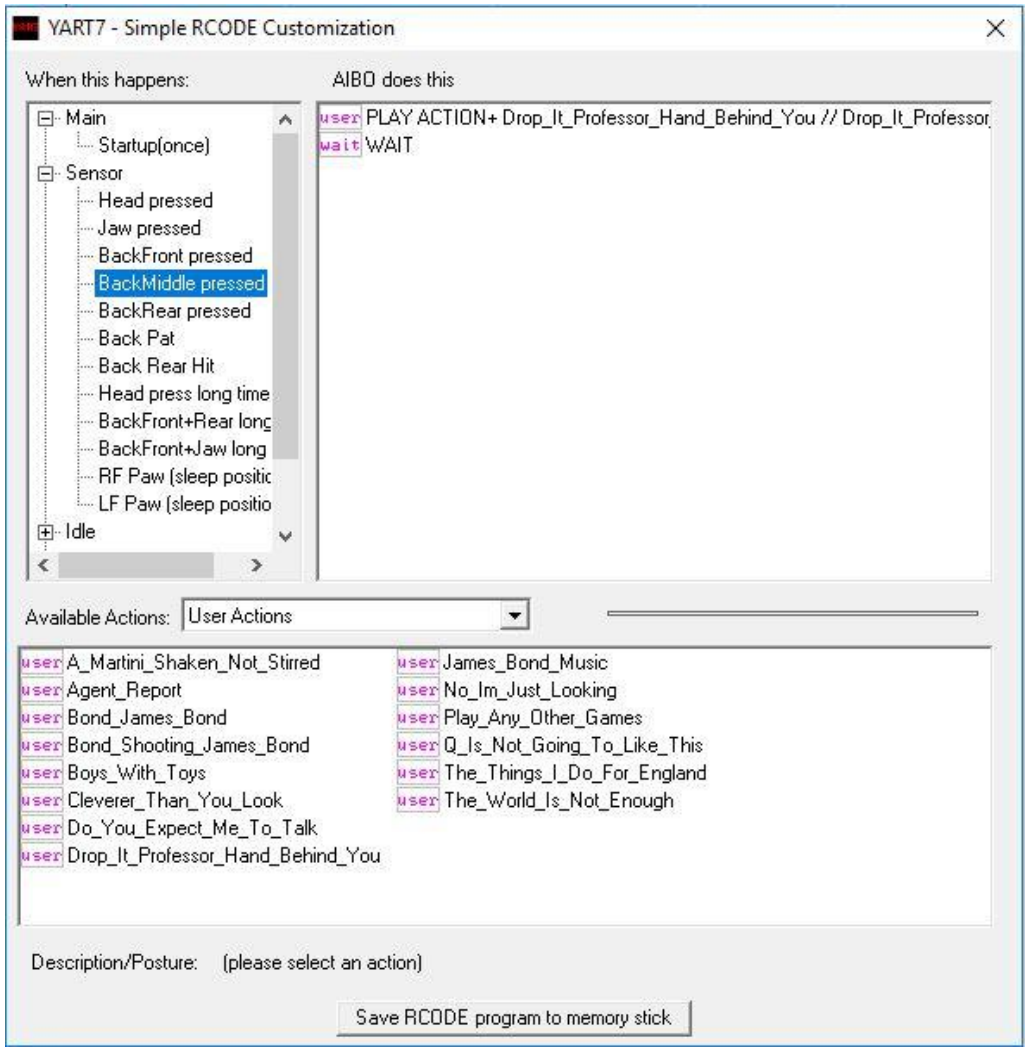
James Bond in Skitter



James Bond in YART

- After creating all the skits, we need to activate them on AIBO.
- How AIBO can get the skits, created by Skitter?
- In order to activate them, YART tool was used.
- In YART, every single skit was connected to a specific voice command, given by us or a specific touch sensor on the robot.
- Thus, listening to a voice command, AIBO performs a specific skit.

James Bond in YART



In other words…

AIBO is Bond, James Bond!

To sum up!

- Achievement : Complete development of James Bond personality and applying it on AIBO ERS-7.
- The project provides opportunities to word in the robot world, design their motions, get inspired, create new personalities, work and learn different software programs etc.
- “Codename : AIBond can be used as an educational material.
- It has the potential to be improved with several new features.

References

Skitter - AIBO Performance Editor

DogsBody's Tutorials

YART = Yet Another RCode Tool

ERS-7 Stuff

Αυτόνομοι Πράκτορες - Ιδέες για εργασία εξαμήνου

That's all Folks!