Abstract

In this paper, the design of intelligent agent is discussed. This agent is used to percept the changes in the environment and changes the expression of 3D human face using 3D morphing. The design is proposed for implementation in Java 3D API. Type of intelligent agent is a simple reflex agent and it has four functions, the first is to percept the change in the environment, the second is to understand the change and the third is to perform actions by generating expression on 3D human face as actuator.

References

- Kaihui Mu, Jianhua Tao, Jianfeng che, Minghao Yang, &quot;Real-Time Speech-Driven
Lip Synchronization”; IUCS, 2010.

Index Terms

Computer Science Multimedia

Keywords
Augmented Reality 3d Facial Animation Intelligent Agents Java 3d Api Image Processing Artificial Intelligence Intelligent Systems Computer Vision Human Computer Interaction