devAIce® XR – Empathic AI Inside The Game Engine

Bring a new depth of immersion to your players' virtual experience by using Expression recognition. With devAIce® XR you recognize your players' Expressions based on their voice in real time. It enables natural and humanlike interactions that are otherwise impossible to implement.
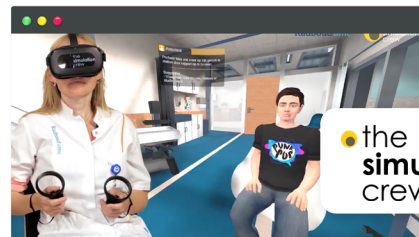

Key Facts

- **Expression Dimensions:** Arousal, Valence, Dominance
- **Expression Categories:** Happy, Angry, Sad, Neutral
- **Voice Activity Detection:** Only captures human voice
- **Speaker Verification:** Only captures the player's voice
- **Speaker Attributes:** Gender
- **XR-Ready:** suitable for VR & AR applications
- **Lightweight package:** as low as 13MB only
- **Multi-platform:** Windows, MacOS, iOS, Android
- **Memory Usage:** as low as 10MB of memory
- **Negligible CPU Usage:** real-time factor under 1
- **Game Engine:** Unity, Unreal

the **simulation** crew

Successful Use in Edutainment

The vocal expression values can seamlessly integrate with any LLM to create a natural interaction with an NPC. The company created a virtual environment to train interns and new employees at a hospital in the Netherlands.

„A future where our interactions with computers and virtual characters are expressionless was not an option for us."
Eric Jutten, CEO. devAIce® XR became the solution

Contact us to find out how our technology can benefit your product!
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