

vizard™

VR Toolkit

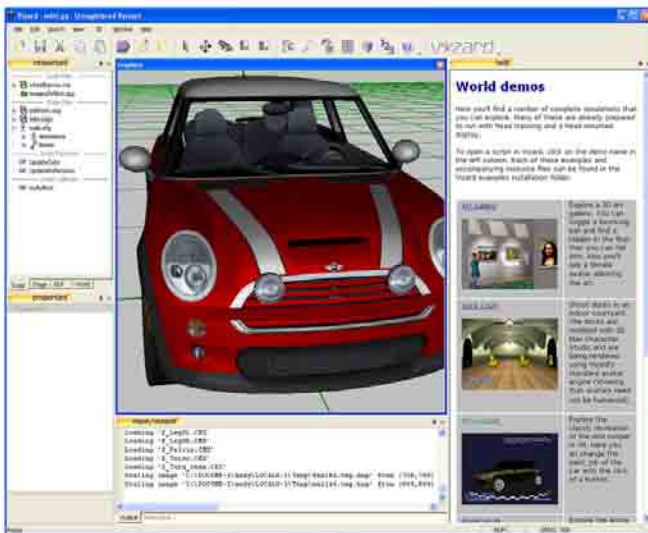


Build 3D Worlds Fast

What is Vizard?

Vizard is a versatile virtual reality development interface designed for building and rendering virtual worlds with minimum effort. By dramatically increasing programming efficiency, Vizard makes virtual reality application development and deployment faster, easier, and cheaper. With Vizard, you are set free by your imagination.

- **Connect to common VR hardware**
- **Populate your worlds with avatars**
- **Use extensive multimedia functions**
- **Control for precise real-time work**
- **Python scripted interaction**
- **Import standard 3D model formats**
- **Extend capabilities with free SDK**



Advantages

Performance kept Simple

The Open GL-based architecture of Vizard has been optimized for maximum performance over 8 years of practical use to provide fast and efficient rendering of environments. Vizard uses a popular and strongly supported scripting language called Python as an easy interface to rapidly building interactive virtual worlds.

Connect

Vizard supports stereoscopic head-mounted displays, 3D sound and many peripheral input devices, including head trackers and game pads. Distributed networked environments are also supported. VRML and other 3D formats provide immediate access to large 3D databases. The open-source language Python is free and has an active user community providing a wealth of resources for applications.

Avatars – Skin & Bones

Built-in human face and body models and an accompanying behavior designer offer a powerful tool to almost instantly insert virtual humans into existing environments. A high-level controller handles sequencing of complex behaviors.



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