

Contents

1. Vizard Supports CAVE
2. fMRI & Vizard Path to Experiment Control
3. Tip of the Month - Search WorldViz Website Documents for Technical Support
4. Development Seminar for VR Applications
5. Upcoming Conferences

1. Vizard Supports CAVEs

CAVE (CAVE Automated Virtual Environment) development is a straightforward process with the Vizard VR authoring toolkit. A typical CAVE deployment involves synchronizing multiple rendering PCs over a network cluster. Vizard is fully cluster capable, and its built-in CAVE libraries means simulations can literally be adapted to CAVE clusters in a matter of minutes. You'll be amazed how well Vizard automatically synchronizes even the most complex interactive scene graphs across as many as 32 client PCs.

For more information on Vizard's CAVE module:

<http://www.worldviz.com/vizhelp/VizHelp.htm#Vizcave.htm>

For more information on Vizard's cluster features:

http://www.worldviz.com/vizhelp/VizHelp.htm#What_is_a_cluster_.htm

2. fMRI & Vizard: Path to Experiment Control

Vizard can accept signals from fMRI machine output. Synchronizing measured data at millisecond frequencies with Vizard is possible via included python serial-data driver libraries. Data synchronized over the parallel port with Vizard can trigger events within the immersive virtual environment. Traditional monitor display technology is supported by Vizard, as well as cutting edge fMRI-safe Head Mounted Display technology from Resonant Technologies, Nordic Neurolabs, and Cambridge Research. For a look at how Vizard has been used in a previous fMRI research application, see the following paper published in Nature Neuroscience.

Thomas Wolbers, Mary Hegarty, Christian Büchel & Jack M Loomis. Spatial updating: how the brain keeps track of changing object locations during observer motion. 2008.

<http://www.nature.com/natureneuroscience/>

3. Tip of the Month - Search WorldViz Website Documents for Technical Support

We have a large amount of technical documentation at the WorldViz website that is available with a quick search. A search of the Vizard online manual for "scripting" will bring up over 300 different entries. You can access the Vizard online manual at:

<http://www.worldviz.com/vizhelp/VizHelp.htm>

You can also search our forums for technical information and solutions at:

<http://www.worldviz.com/forum/search.php?s=>

Finally you can use our forums for asking any questions you may have at:
<http://www.worldviz.com/forum/>

4. Development Seminar for VR Applications

WorldViz is hosting and conducting a Development Seminar for VR Applications. This Five-Day Short Course will be held January 22-26, 2009 and has a cost of \$3,900 per attendee (hotel accommodations included). The seminar will be held in Santa Barbara, CA.

Intensive training includes:

- Fundamentals of immersive virtual environments
- 3D model and avatar creation
- Vizard programming
- Immersive methodologies and protocols
- Individual projects

Early registration is advised as space is limited. Enrollment and payment is requested by December 5, 2008. Please contact Phil Schlageter at +1-805-966-0786, extension 219, to reserve space or send an email to schlageter@worldviz.com.

Attendance confirmations will be sent shortly after December 10, 2008. A minimum of ten participants is required in order for the Seminar to take place. The Seminar will not have more than twelve participants.

Requests for a full refund must be received by December 10, 2008. No refunds will be granted after December 10, 2008. Refund requests must be submitted in writing.

5. Upcoming Conferences

Experience our new products at our upcoming conferences in Washington DC and Orlando:

Neuroscience 2008, 38th annual meeting of the Society for Neuroscience, **November 15-19**, Washington DC, USA.

<http://www.sfn.org/am2008/>

IITSEC 2008, the Interservice/Industry Training, Simulation and Education Conference, **December 1-4**, Orlando, FL, USA.

<http://www.iitsec.org/index.cfm>

Contact

Phone +1-805-966-0786

Fax +1-866-226-7529

Toll-free +1-888-841-3416

E-mail contact@worldviz.com