QTM Dikablis integration

The integration with Dikablis eye tracker devices lets you collect and visualize eye tracker data in Qualisys Track Manager (QTM).

The Dikablis data is visualized as a gaze vector with a maneuverable vector trace. If used together with video from an Oqus or Miqus camera, 3D overlay is also possible. Naturally, Dikablis eye tracker data can be plotted just like any other data type in QTM.

Besides visualization, gaze vector data can be exported to TSV, MATLAB or be gathered externally through the real-time streaming protocol.
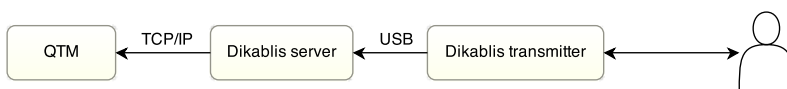
FEATURES

- 2D/3D data in QTM
- Gaze vector with vector trace
- 3D video overlay
- Real-time output

REFERENCES

- TU Munchen - Interaction between human & robotics
- University of Munster - Sport science activity
- University of Birmingham - Interaction between people (psychology)

Wireless Dikablis glasses

2018-05-07

CONNECT GAZE AND MOTION

Eye tracking glasses allow researchers, clinicians and other professionals to assess interaction of eye and body movements in behavioral neuroscience, biomechanics, clinical rehabilitation research, sports training and many other fields.
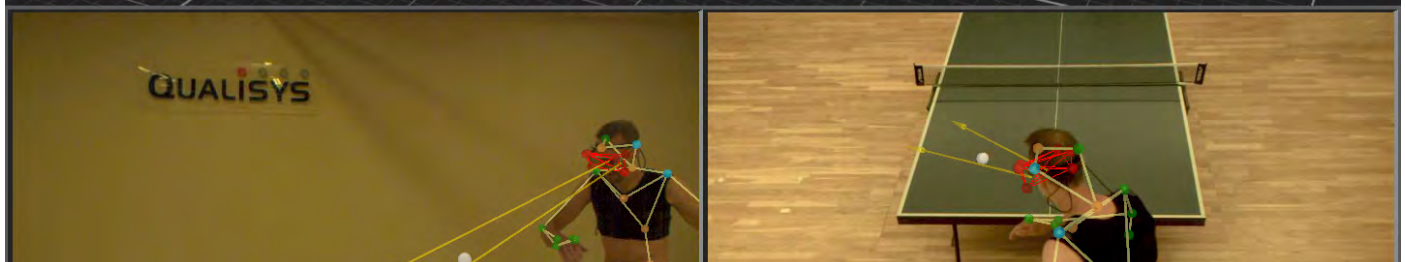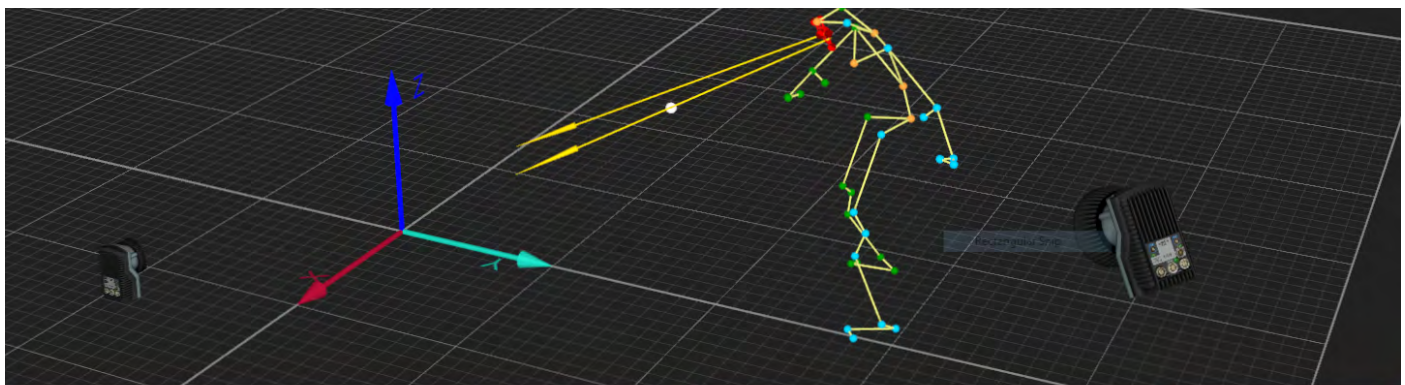
Behavioral psychologists, neuroscientists and biomechanists can assess hand-eye coordination – how it is learned, how it is optimized, how it is affected by disease, aging or injury, and how it can be utilized as a rehabilitation tool.

Clinical researchers can use the information to advance behavioral and neurological diagnosis and rehabilitation.

Sports scientists can make complex estimations of athletes' kinetics, kinematics and overall performance on the field interacting with players, opponents, and any athletic object. Coaches, trainers and scientists can give visual feedback on gaze and motion patterns to help athletes improve their performance.
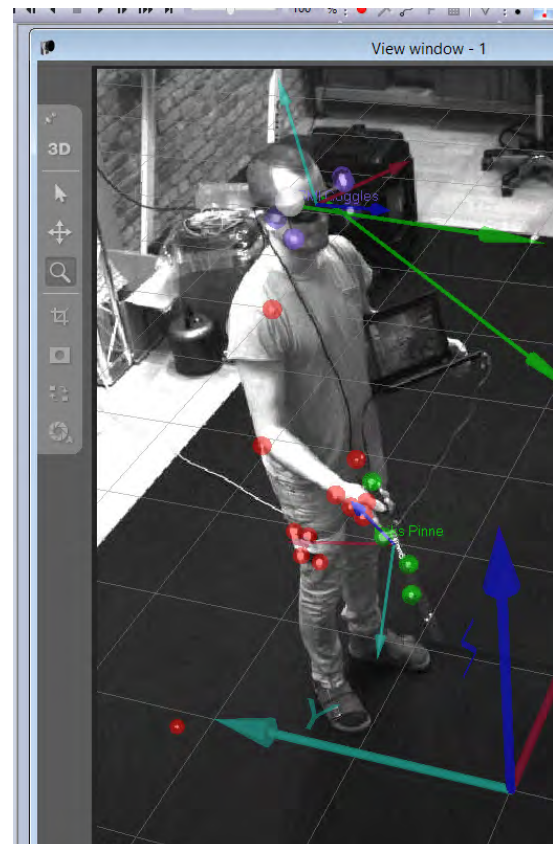
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