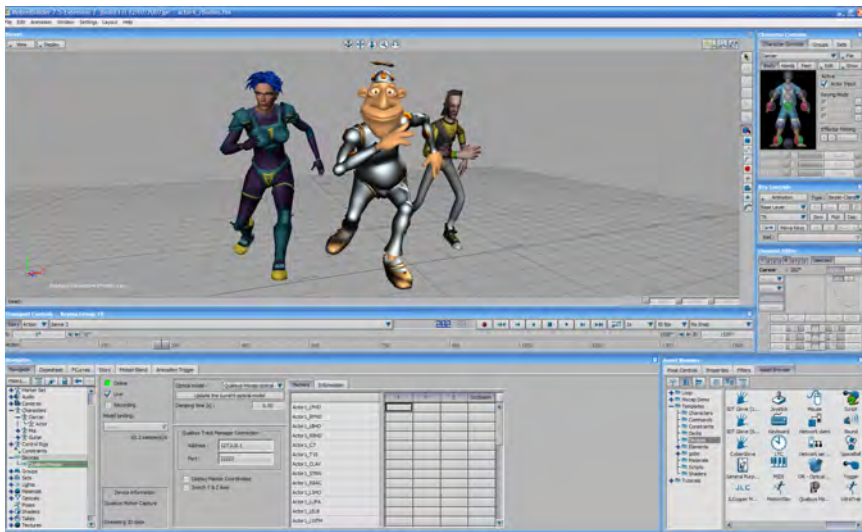




MotionBuilder Plug-in for QTM

Qualisys motion capture system for Media & Entertainment



Qualisys has launched a new version of the Qualisys Track Manager (QTM) software with a direct connection path to Autodesk® MotionBuilder®. By using our new plug-in it is possible to stream the mocap data in real-time directly into MotionBuilder with minimal latency and independent of frame rate. This makes it possible to see the motion capture performance applied on a fully skinned character in real-time.

Autodesk® MotionBuilder® software is a powerful, real-time 3D character animation productivity suite for games, films, television, and multimedia. MotionBuilder offers animators and technical directors real-time animation display and editing, a non-linear environment for 3D editorial, and tools for customizing, and extending the software.

Product Information

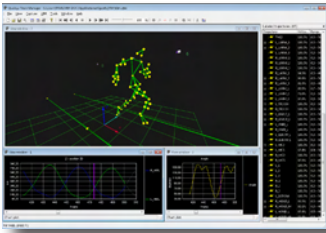
KEY FEATURES

- Stream and record motion capture data in real-time into MotionBuilder
- See your 3D characters live without delay
- Makes live television performances possible
- Runs with only one laptop or desktop
- Easy to set up and use

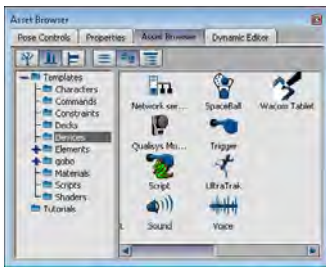
SYSTEM REQUIREMENTS

- A Qualisys motion capture system
- QTM MotionBuilder Plug-in
- Autodesk MotionBuilder software
- Runs on the following platforms:
 - Windows 2000 Professional
 - Windows XP Professional
 - Windows Vista





The markers are shown in real-time on the monitor in 2D, 3D and 6DOF. This function makes it very easy to place and adjust the cameras to cover the desired measurement volume.



The Qualisys device is placed under the Asset browser in MotionBuilder.



The new generation of cameras from Qualisys represents a major technological breakthrough in combining high performance, user friendliness and flexibility.

Autodesk
Authorized Developer

QUALISYS TRACK MANAGER - QTM

QTM, Qualisys proprietary tracking software, is designed to work seamlessly with Qualisys camera, ensuring fast and precise data collection. The system enables users to perform 2D, 3D and 6DOF capture of data in real-time, with minimal latency.

MOTION BUILDER PLUG-IN

QTM makes it possible for users to add Motion Builder plug-in to QTM through a plug-in architecture. The Plug-in interfaces allows the users to send the data in real-time directly into Motion Builder with minimal latency and not dependant on frame rate.

REAL-TIME TRACKING

QTM tracks objects automatically in real-time and 2D, 3D and 6D camera information is displayed allowing instant confirmation of accurate data acquisition. Captured data is easily streamed, in real-time, from QTM to an external software. Automatic identification of markers in real-time saves valuable time for the users and after the model has been identified, the tracker keeps tracking the model with frame rate independent performance. This means that high frame rate improves the initial model identification time but the latency is constantly minimal and not dependant on frame rate.

OQUS - MOTION CAPTURE CAMERA

The Oqus range of cameras is the new platform for Qualisys motion capture systems. In addition to the precision and real time marker generation, the communication can be done wireless using WLAN and battery pack.

QTM is built and developed around a set of advanced motion capture algorithms ensuring high performance, accuracy and low latency. Flawless integration as well as real-time streaming into 3rd party analysis software, makes QTM a state-of-the art software

FLEXIBILITY

In order to match the different application needs, the Oqus cameras are available in three different series, the Oqus 1, 3 and 5 series. The three series are distinguished by the choice of the image sensor. The user can then optimize the price/performance for his particular application.

The high resolution series, enables the use of a large number of small markers, without sacrificing accuracy. It is even possible to mix the different series within the same system.

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