

# YouTube Tutorials

Youtube Tutorial videos for Visual3D have been updated. These tutorials will help you navigate the software step-by-step with the latest version of the application.

## Updated Visual3D Tutorials [HAS-Motion Youtube Channel]

| Tutorial                                                                                         | Description                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Visual3D Tutorial Video 1 - Building a 6 DOF Model:</b> <a href="#">Link to Youtube Video</a> | Learn how to construct and apply a 6 DOF model to your motion capture dataset, enabling advanced analysis of biomechanical movement. The tutorial walks you through building a 6DOF lower body model by defining the pelvis, thighs, shanks and feet segments.                                                         |
| <b>Visual3D Tutorial Video 2 - Visualizing Data:</b> <a href="#">Link to Youtube Video</a>       | Explore the tools and features available to visualize your data through animations and graphs.                                                                                                                                                                                                                         |
| <b>Visual3D Tutorial Video 3 - Command Pipeline:</b> <a href="#">Link to Youtube Video</a>       | Learn how to automate repetitive tasks, streamline workflows, and execute complex processes efficiently using Visual3D's powerful pipeline commands. This tutorial covers the basics of setting up and customizing pipelines, offering step-by-step guidance to help you optimize your biomechanics analysis workflow. |
| <b>Visual3D Tutorial Video 4 - Signal Processing:</b> <a href="#">Link to Youtube Video</a>      | Discover how to apply advanced signal processing techniques to your biomechanics data, including filtering, smoothing, and analyzing time-series signals.                                                                                                                                                              |
| <b>Visual3D Tutorial Video 5 - Force Platforms:</b> <a href="#">Link to Youtube Video</a>        | Covers the steps for setting up force platform parameters, calculating kinematic and kinetic variables, and integrating force data into your biomechanics analysis. Provides clear instructions for users to effectively utilize force platform data within Visual3D.                                                  |
| <b>Visual3D Tutorial Video 6 - Event Processing:</b> <a href="#">Link to Youtube Video</a>       | Covers the steps to identify, edit, and manage events in your biomechanics data, enabling precise segmentation and analysis of key movement phases.                                                                                                                                                                    |

## Previous Visual3D Tutorials [C-Motion Youtube Channel]

### Introduction to Visual3D

| Tutorial Video                                                                                    | Wiki Tutorial                              |
|---------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Visual3D Video Tutorial- Typical Processing Session:</b> <a href="#">Link to Youtube video</a> | <a href="#">Typical Processing Session</a> |
| <b>Visual3D Video Tutorial- Workspace Overview:</b> <a href="#">Link to Youtube video</a>         | <a href="#">Workspace Overview</a>         |
| <b>Visual3D Video Tutorial- Visualizing Data:</b> <a href="#">Link to Youtube video</a>           | <a href="#">Visualizing Data</a>           |

### Model Building

The Model Building playlist can be found [here](#).

| Tutorial Video                                                                                                                                                                                 | Wiki Tutorial                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Visual3D Video Tutorial- 6 DoF Model Building:</b><br><a href="#">Link to YouTube video</a><br><b>Note:</b> This tutorial describes one of many methods to create a lower body 6 DOF model. | <a href="#">Building a 6 DoF Model</a>                                                                                                                    |
| <b>Visual3D Video Tutorial- 6 DoF Model Building - Coordinate System:</b> <a href="#">Link to YouTube video</a>                                                                                | <a href="#">Coordinate System</a><br>This page does not have a corresponding Wiki Tutorial, but more information can be found at the linked page.         |
| <b>Visual3D Video Tutorial- 6 DoF Model Building - Segment Definition:</b> <a href="#">Link to YouTube video</a>                                                                               | <a href="#">Segment Coordinate System</a><br>This page does not have a corresponding Wiki Tutorial, but more information can be found at the linked page. |
| <a href="#">Virtual Lab Youtube Playlist</a>                                                                                                                                                   | These videos follow the <a href="#">Virtual Lab Wiki Tutorial</a>                                                                                         |
| <a href="#">Functional Joint Youtube Playlist</a>                                                                                                                                              |                                                                                                                                                           |
| <b>Visual3D Video Tutorial: Function Joints - Hip:</b> <a href="#">Link to YouTube video</a>                                                                                                   | <a href="#">Functional Hip Tutorial</a>                                                                                                                   |
| <b>Visual3D Video Tutorial: Function Joints - Knee:</b> <a href="#">Link to YouTube video</a>                                                                                                  | <a href="#">Functional Knee Tutorial</a>                                                                                                                  |

## Report Building

The Report Building YouTube playlist can be found [here](#).

| Tutorial Video                                                                                                   | Wiki Tutorial                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Visual3D Video Tutorial: Report Building - 2D Graph:</b><br><a href="#">Link to YouTube video</a>             | <a href="#">Creating a Report</a>                                                                                                                         |
| <b>Visual3D Video Tutorial: Report Building - Normal Data:</b> <a href="#">Link to YouTube video</a>             | <a href="#">Plotting Normal Data</a>                                                                                                                      |
| <b>Visual3D Video Tutorial- 6 DoF Model Building - Segment Definition:</b> <a href="#">Link to YouTube video</a> | <a href="#">Segment Coordinate System</a><br>This page does not have a corresponding Wiki Tutorial, but more information can be found at the linked page. |

**Visual3D Video Tutorial: Report Building - Normal Data**

[Link to Wiki Tutorial](#)

[Link to YouTube video](#)

**Visual3D Video Tutorial: Report Building - Add an Image to Report (Manual)**

[Link to Wiki Tutorial](#)

[Link to YouTube video](#)

### Visual3D Video Tutorial: Report Building - Add an Image (Pipeline)

[Link to Wiki Tutorial](#)

[Link to YouTube video](#)

---

From:  
<https://has-motion.com/wiki/> - **Wiki Documentation Site**

Permanent link:  
[https://has-motion.com/wiki/doku.php?id=visual3d:tutorials:other:youtube\\_tutorials&rev=1734459857](https://has-motion.com/wiki/doku.php?id=visual3d:tutorials:other:youtube_tutorials&rev=1734459857)

Last update: **2024/12/17 18:24**

