

The tool bar originally appears at the top left hand side of the page. Its sections can be repositioned or made to float outside the window by selecting the set of vertical dots on the left side of the section and dragging it into your desired new position. Right-clicking on the toolbar causes a dropdown menu to appear that allows you to show or hide any of the tool bar sections.



Workspace

-  **Clear Workspace:** clear all the graphs, queries and library paths
-  **Load Workspace:** open an application workspace that you had previously created and saved to an .i3d file. This workspace includes query definitions and plots.
-  **Save Workspace As:** saves the application workspace
-  **Save Workspace:** save the current application workspace
-  **Show Options:** opens the [Options Dialog](#)
-  **Load Library:** opens the [Library Dialog](#)
-  **Query Definitions:** opens a dropdown menu with the following options:
 -  **Query Definitions:** Opens the [Query Definition Dialog](#) where users can define which signals to query from the CMO Library and group different signals together based on different conditions
 -  **Auto-Populate Queries:** Opens the [Auto-Populate Queries Dialog](#) which can be used to automatically group and import signals based on tags or conditions.
 -  **Load Query Definitions:** loads a [.q3d file](#) containing query definitions and queries the open library
 -  **Load Query Def & Compute Groups:** loads a [.q3d file](#) containing query definitions, queries the open library and computes all queries
 -  **Save Query Definitions:** saves a [.q3d file](#) containing all current query definitions
 -  **Clear Query Definitions:** clears current query definitions from the application workspace
 -  **Reload Library:** re-queries the CMO Library. This should be done if you have modified the CMO Library in Visual3D, but note that your current inclusions/exclusions will be overwritten.
-  **Layout Options:** opens a dropdown menu with the following options:
 -  **Revert Layout:** returns the layout of the sections of the screen to the position they were in when the program was started for its current session.
 -  **Save Layout:** allows you to save the layout of the screen sections so that they can be reused during another session.
 -  **Load Layout:** allows you to open a layout of the screen sections that you had saved during a previous session.
 -  **Redock Subwindows:** returns the screen sections to their original positions (as seen on the main documentation page).

Export

- ☒ **Export Results:** Opens the [Export Results](#) dialog where users can export data and results to various text file formats.
- ☒ **Recompute Groups:** Reloads the list of queries. Users are given the option to update CMZ files with excluded data before re-querying.
- ☒ **Update CMZs:** opens the [Update CMZs dialog](#) where users can make changes to the original CMZ files by:
 - Creating BAD events or tags to indicate traces that were excluded in Inspect3D
 - Update force assignments based on excluded traces
 - Creating events or tags to indicate traces that are included in Inspect3D
 - Remove BAD events or tags that were created in the CMZ file by Inspect3D

Graph Options

- ☒ **Show Animation:** opens an animation window that plays the 3D data for all the selected data in the graph.
- ☒ **Show Video:** opens the [video dialog](#).
- ☒ **Display list of graphs:** select one graph to display or all graphs:
 - ☒ **Display Graph(s)** Displays a single graph (at row n, column n), a row of graphs or a columns of graphs according to the view option specified in the [Show Options](#) dialog's **Plot View Type** item (Single, Row, or Column).
 - ☒ **Show All:** returns all of the graphs to the screen
- ☒ **Rescale Graphs:** scales the graph so that the graph is fitted to the data that is being graphed.
- ☒ **Highlight All Data** re-highlights all plotted data.
- ☒ **Modify Excluded data:**
 - ☒ **Exclude Highlighted Trace(s):** Exclude all highlighted traces from further analysis
 - ☒ **Exclude Highlighted Workspace(s):** Exclude workspace(s) containing highlighted data from further analysis
 - ☒ **Re-Include All Data:** Re-Include any excluded data

PCA

- ☒ **PCA Options** opens a dropdown menu with the following items:

-  **Show PCA Graphs:** shows/hides the PCA graphs from the main section of the program window
- **Number of PCs:** specify the number of primary components that should be calculated
- **Use Workspace Mean:** specify whether PCA calculations should use all traces or only the workspace means
-  **Run QA Using PCA:** Opens the [Run QA Using PCA dialog](#)
-  **Run PCA:** executes principal component analysis with the parameter values from this dropdown menu

Help

 **Documentation:** provides quick access to select Inspect3D wiki pages:

-  [Overview](#)
-  [Documentation](#)
-  [Tutorials:](#)
 - [Tutorial 1: Load signals into Inspect3D and view them](#)
 - [Tutorial 2: Clean your data](#)
 - [Tutorial 3: Perform principal component analysis](#)
 - [Tutorial 4: Export Results](#)
-  [Troubleshooting](#)



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Last update: **2024/06/26 20:13**

