

I3D Workspace File

The .i3d file format is a method of storing the Inspect3D application's workspace settings as XML, ensuring that they are both human- and machine-readable. Inspect3D allows users to save its current workspace settings from the  **Save Workspace As** or  **Save Workspace** toolbar items.

Previously-saved application workspace settings can be loaded and applied from the  **Load Workspace** toolbar item.

Format

As an XML document, an .i3d file is made up of hierarchical elements that are demarcated by tags, indicated by the < and > characters. An element consists of a start tag, <elementname>, and end tag, </elementname>, and all of the characters in between. Alternatively, an element can be defined by a single tag, <elementname />.

Tags can also contain attributes in the *name="value"* format, further describing the associated element.

1. The top-level element in an .i3d file is *workspace*. It contains a number of subordinate elements.
2. An .i3d file contains a number of different second-level elements. These include:
 1. *Library*: File path to the currently loaded CMO library
 2. *class_style*: Styles applied to classes of signals
 3. *ex_style*: Styles applied to excluded signals
 4. *vert_style*: Styles applied to vertical lines
 5. *PCA_Data*: Settings for [principal component analysis](#)
 6. *PCA_Prefs*: Preferences for the 6 PCA result sub-windows
 7. *query_info*: Definitions for currently applied queries
 8. *vert_style*: Styles applied to vertical lines
 9. *graph_para*: Settings for the 6 PCA result sub-windows
 10. *orig_pref*: Settings for the Queried Data window
 11. *Intermediate_Events*: Styles applied to any defined Intermediate Events
 12. *I3D_Info*: Version information for the Inspect3D application

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