

# I3D Workspace File

The .i3d file format is an 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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