

# R3D Export Setting File

The .r3d file format is a method of storing Inspect3D export settings as XML, ensuring that they are both human- and machine-readable. Inspect3D allows users to save export settings from the



**Export Results** dialog. Previously-saved export settings can also be loaded and used from this dialog.

## Format

As an XML document, an .r3d 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 .r3d file is *settings*. It contains an arbitrary (1-n) number of *setting* elements.
2. The second-, and bottom-, level element in an .r3d file is *setting*. A *setting* element has a *name* attribute (the corresponding setting's name) and a *value* attribute (the corresponding setting's value).

## DTD

Formally, an .r3d file respects the Document Type Definition (DTD):

```
<!DOCTYPE settings [  
  <!ELEMENT settings (setting+)>  
  <!ATTLIST setting name CDATA #REQUIRED  
    setting value CDATA #REQUIRED  
  >  

```

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