

XMLableReaderXMLPrintWriter

FineReportAPIXMLAPIXMLableReaderXMLPrintWriterXMLableReaderXMLXMLPrintWriterXML

XMLXMLfrmXML

XML

```
<InnerWidget class="com.fr.plugin.form.widget.core.RHiframe">
  <WidgetName name="rHiframe0"/>
  <WidgetAttr>
    <PrivilegeControl/>
  </WidgetAttr>
  <Attr scrollX="true" scrollY="true"/>
  <RHiframeAttr class="com.fr.plugin.form.widget.core.RHiframeAttr">
    <RHiframeSource class="com.fr.plugin.form.widget.core.TemplateSource">
      <Attr path="/mark.cpt"/>
    </RHiframeSource>
    <Parameters/>
  </RHiframeAttr>
</InnerWidget>
```

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XML

XMLXML

writeXML

```
@Override
public void writeXML(XMLPrintWriter writer) {
    super.writeXML(writer);
    writer.startTAG("Attr");
    writer.attr("scrollX", overflowX);
    writer.attr("scrollY", overflowY);
    writer.end();
    if (attr != null) {
        GeneralXMLTools.writeXMLable(writer, attr, RHiframeAttr.XML_TAG);
    }
}
```

writeXML47XML

Attr

```
<Attr scrollX="true" scrollY="true"/>
```

writeXML810XML

RHiframeAttr

```
<RHiframeAttr class="com.fr.plugin.form.widget.core.RHiframeAttr">
<RHiframeSource class="com.fr.plugin.form.widget.core.TemplateSource">
<Attr path="/mark.cpt"/>
</RHiframeSource>
<Parameters/>
</RHiframeAttr>
```

XMLXMLPrintWriter#attrXMLGeneralXMLTools#writeXMLable

XML

XMLXMLXMLXML

readXML

```
@Override
public void readXML(XMLableReader reader) {
    super.readXML(reader);
    if (reader.isChildNode()) {
        String nodeName = reader.getTagName();
        if ("Attr".equals(nodeName)) {
            this.overflowX = reader.getAttrAsBoolean("scrollX", true);
            this.overflowY = reader.getAttrAsBoolean("scrollY", true);
        } else if (RHiframeAttr.XML_TAG.equals(nodeName)) {
            this.attr = (RHiframeAttr) GeneralXMLTools.readXMLable(reader);
        }
    }
}
```

AttrRHiframeAttrInnerWidgetreadXMLreader.isChildNodeXML

```
XMLableReader#getAttrAsXXX();
```

```
GeneralXMLTools#readXMLable(XMLableReader);
```

XMLRHiframeRHiframeAttrXML

TextNode

```
<Text><![CDATA[My Text]]></Text>
```

CDATAXMLXML

XML

```
writer.startTAG("Text");
writer.textNode("My Text");
writer.end();
```

```
if ("Text".equals(nodeName)) {  
    String text = reader.getElementValue();  
}
```

XMLXMLPrinter#startTAGXMLPrinter#endXML

XML

```
<Text><![CDATA[My Text]]>
```

XML