

# Applets Reference

## Parameter Tags for Applets

The following parameters are available to the AppletVIEW applet in an HTML page:

Name	Values (default)	Description
ConfigFile	<filename> (AppletVIEW.viml)	Path relative to the location of the HTML page of the .jvi or .viml file
DataPort	<port> (4749)	The port used to connect to the AppletVIEW instrumentation server
ConfigHere	<text> (none)	VIML file encoded with URL encoding - see: <a href="http://www.w3.org/International/O-URL-code.html">http://www.w3.org/International/O-URL-code.html</a>
AppletID	<id> (none)	Override the applet id stored in configuration file
DebugLevel	(0),1,2	how much debug information is printed to browser java console
Debug	true,(false)	true sets DebugLevel to 1 false sets DebugLevel to 0
StatusBar	(full),mini,none	full = full bar across the top mini = just status lights none = none

## Example

```
<html><body>

  <applet
    name="myapplet"
    code="com.nacimiento.appletview.applet"
    codebase="/AppletVIEW/"
    archive="AppletVIEW.jar,AppletVIEWui.jar"
    width="300" height="200">
    <param name="ConfigFile" value="example.viml">
    <param name="DataPort" value="4747">
    <param name="DebugLevel" value="2">
  </applet>

</body></html>
```

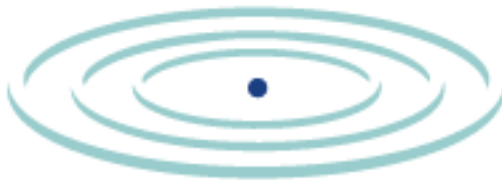
## JavaScript Programming

The following routines in the AppletVIEW applet can be called from JavaScript inside an HTML page: **NOTE: Need summary text here.**

### Functions

```
/**
 * Get the name (URL fragment) of the .jvi/.viml file.
 */
public String getConfigFile ();
}

/**
 * Set the location of the config file.
 * NOTE: this is a URL fragment - just a path.
 * The path can be relative or absolute, but it
```



```
* is assumed to be on the server we got the applet
* from.
*/
public void setConfigFile (String s);

/**
 * Returns current applet debug level [0-2]
 * Default debug level is 0.
 */
public int getDebugLevel ();

/**
 * Set the applet debug level. Parameter
 * must be [0-2].
 */
public void setDebugLevel (int n);

/**
 * Load new data from file.
 * NOTE: this is a URL fragment - just a path.
 * The path can be relative or absolute, but it
 * is assumed to be on the server we got the applet
 * from.
 */
public void setNewData (String s);

/**
 * Load more data from file.
 * NOTE: this is a URL fragment - just a path.
 * The path can be relative or absolute, but it
 * is assumed to be on the server we got the applet
 * from.
 */
public void setMoreData (String s);
```

## Usage Example

```
<html><body>

<script language="JavaScript">

function config1() {
    document.myapplet.setConfigFile("test1.viml");
}

function config2 () {
    document.myapplet.setConfigFile("test2.viml");
}

function debugLevel1 () {
    document.myapplet.setDebugLevel (1);
}

</script>

<P>
<a href="#" onClick="config1()">Configuration #1</a>
<a href="#" onClick="config2()">Configuration #2</a>
<a href="#" onClick="debugLevel1()">Debug Level 1</a>

<P>
<APPLET
    NAME="myapplet"
    CODE="com.nacimiento.appletview.applet"
    CODEBASE="/AppletVIEW/"
    ARCHIVE="AppletVIEW.jar,AppletVIEWui.jar"
    WIDTH=300 HEIGHT=200>
<param name="ConfigFile" value="test1.viml">
</APPLET>

</html></body>
```