

To update an ArcIMS 3.0 Java Custom Viewer to work with ArcIMS 3.1

1. Update the ArcIMS 3.0 map file (*.axl) to ArcIMS 3.1. Once the data paths have been updated, in most cases, opening and saving the map file in ArcIMS 3.1 Author will update the file. Alternatively, you can use the AXL2AXL Converter. You must use same layers when converting from 3.0 to 3.1 to maintain the original URLs, data paths, names, and layer ids.
2. Start the map file as a MapService. You should use the same name for the MapService as you did for 3.0.
3. If you move your Java Custom Viewer to a different machine, open the web site's default.axl and default.js in a text editor and find and replace all instances of the old machine name with the new machine name. If your Java Custom Viewer uses MapNotes and EditNotes, the default.js will contain references to an ArcIMS Spatial Server.

4. In default.axl change the following:

```
<?xml version="1.0" encoding="Cp1252"?> (note: this line may not be included)
'<ARCXML VERSION="1.0">' or '<ARCXML VERSION="1.0.1">'
```

to:

```
<?xml version="1.0" encoding="UTF-8"?> (note: this line must be included)
<ARCXML version="1.1">
```

The attribute 'version' is lowercase in ArcIMS 3.1.

5. Make the changes shown below in the following files:

- map.htm
- overview.htm
- scalebar.htm
- toc.htm

- a. Change the following line from:

```
<param NAME="type" VALUE="application/x-java-applet;version=1.2">
```

to

```
<param NAME="type" VALUE="application/x-java-applet;version=1.3">
```

- b. Change the following line from:

```
No JDK 1.2 support for APPLETT!!
```

to

```
No JDK 1.3 support for APPLETT!!
```

6. Replace ie.htm with ie.htm from a Java Custom Viewer directory created with ArcIMS 3.1.

7. When ArcIMS is installed, a directory called install is copied to the web site's working directory, by default this location is c:\arcims\website. If your web site is not in the working directory, you will need to copy this install directory to the folder that has your Web site. (The install directory and the web site's directory must be in the same directory—this is necessary because the links for installing the JRE plugin and the ArcIMS applets point to the install directory.)

You are now ready to try your Java Custom Viewer on ArcIMS 3.1.