

Using HTML tags to include VRML/X3D content on a web page

Using the OBJECT tag

The following object tag includes the venus example from Octaga's web site and forces the use of Octaga Player. The example will work in all mayor browsers including Internet Explorer, Mozilla Firefox, Opera, Google Chrome and Apple Safari.

```
<object width="100%" height="100%"
  type="application/octagaplayer"
  data="http://www.octaga.com/vrml/venus/venus.wrl"
  codebase="http://www.octaga.com/freedownloads/OctagaPlayer/current/OctagaPlayer.exe">
  <PARAM NAME="SRC" VALUE="http://www.octaga.com/vrml/venus/venus.wrl">
</object>
```

The type attribute

The type parameter is used to decide which plugin should be used for viewing the model. The following values are recomended by Octaga:

type	meaning
application/octaga	use any installed Octaga product
application/octagaplayer	use Octaga Player
model/vrml	use any installed vrml plugin
model/x3d	use any installed x3d plugin

Note: The classid parameter can also be used to decide which plugin to use.

The data attribute

The data parameter is used to set the url to the model to be displayed.

Note 1: The data parameter is not read by the Internet Explorer plugin use the SRC param instead.

Note 2: The Opera plugin currently has problems with relative paths. Use absolute paths to ensure correct operation in all browsers

The classid attribute

The type parameter is used to decide which plugin should be used for viewing the model. The following values are used by Octaga:

classid	meaning
660D0125-4C92-4EDD-B7B4-B36857F1449E	use Octaga Player

Note: The classid parameter only works in Internet Explorer

The codebase attribute

The codebase parameter is used to set the url from where the plugin can be installed if it is not available on the users system.

Note: The codebase parameter only works in Internet Explorer

The param tag

The param tag is used to set additional parameters to the object the SRC and SplashScreen parameters are described below:

The SRC parameter

The src parameter is used to set the url to the model to be displayed.

Note 1: This parameter must be set for the Internet Explorer plugin to work

Note 2: This parameter does not work (is ignored) in Firefox and Opera.

The SplashScreen parameter

The SplashScreen parameter is used to enable or disable the display of the splash screen.

Using the EMBED tag

The following embed tag includes the venus example from Octaga's web site and forces the use of Octaga Player. The example will work in most browsers except Internet Explorer. It will also work in some older browsers that do not understand the object tag.

```
<embed type="application/octagaplayer"
      name="Octaga"
      pluginspage = "http://www.octaga.com/start/start.php?
startpage=download_octaga"
      src="http://www.octaga.com/vrml/venus/venus.wrl"
      SplashScreen="True" >
</embed>
```

Combining the OBJECT and EMBED tags

The object and embed tags can be combined to support even more browsers. The following is an example on combining the two tags:

```
<object width="400" height="300"
  classid="clsid:660D0125-4C92-4EDD-B7B4-B36857F1449E"
  codebase=
  "http://www.octaga.com/freedownloads/OctagaPlayer/current/Setup.Exe#Version=2,3,0,0"
  standby="Loading...">
  <PARAM NAME="SRC" VALUE="http://www.octaga.com/vrml/venus/venus.wrl">
  <PARAM NAME="pluginspage" VALUE="http://www.octaga.com/">
  <embed type="application/octaga"
    name="Octaga"
    pluginspage = "http://www.octaga.com/start/start.php?startpage=download_octaga"
    width="400"
    height="300"
    src="http://www.octaga.com/vrml/venus/venus.wrl"
    SplashScreen="True" >
  </embed>
</object>
```