

# 3DGIScityvu Browser plug-in integration

3DGIS Cityvu uses Java Applet with JNLP extension loading. This document will teach you how to insert the plug-in into the browser window.

A Java Applet is a program written in the Java programming language that can be included in an HTML page, much in the same way an image is included in a page. When you use a Java technology-enabled browser to view a page that contains an Applet, the applet's code is transferred to your system and executed by the browser's Java Virtual Machine (JVM). This allows tight browser integration and portability.

## Quickstart

1. **Unzip the archive `cityvuappletkit-X.Y.zip`**
  - X.Y is the version number.
2. **Place unzipped files in a browser accessible path**
  - We will consider `http://www.domain.ext/applet/` like reference in this quickstart
3. **Open `lwjgl.jnlp` and `jogl.jnlp`**
  - Edit `codebase="http://cityvu.3dgis.it/demo/"` to mirror your URL  
It becomes `codebase="http://www.domain.ext/applet/"`
4. **Open `index.html`**
  - Edit out all URLs according your domain and files position.

## User customizable parameters

Parameter name	Meaning
<code>subapplet.image</code>	Complete URL to the image which acts like a splash screen during archive loading. It should be of the same dimension of the plug-in window.
<code>modelUrl</code>	Complete URL to the CityGML model to load.
<code>globalModelScale</code>	Float value used to scale the given model. Leave it to 1.0 if you don't know what you are doing.
<code>cameraHeight</code>	Float value used to translate the camera along Z axis. Leave it to 15.0 if you don't know what you are doing.
<code>terrainHeight</code>	Float value used to translate the terrain along Z axis. Leave it to 0.0 if you don't know what you are doing.

## User support

In case of troubles or for any question feel free to contact us by mail [info@3dgis.it](mailto:info@3dgis.it) or [eduard.roccatello@3dgis.it](mailto:eduard.roccatello@3dgis.it).