Build Instructions

1. Set the Following environment variables:

   - JSDK_PATH to point to java installation. For example, it may point to "C:\Program Files\Java\jdk1.5.0_05"

   - VSINSTALLDIR to point to Visual Studio installation. For example, it may point to "D:\Program Files\Microsoft Visual Studio 8". To avoid setting this variable, the build.bat script in step 2 may be executed from a Visual Studio command prompt, which already has this variable set to point to the Visual Studio installation.

   - SGIOIV to pint to open inventor installation. For example, it may point to "D:\SGIOpenInventor". This variable should automatically be set when Inventor is installed.

2. From a command prompt, navigate to the directory containing build.bat and execute build.bat. This creates ivCanvas.jar with compiled classes and the ivCanvas.dll.

3. Generate a key in local keystore for signing the jar. This is mandatory to enable the jar to execute JNI code and not be confined to normal applet sandbox. In a command prompt enter "keytool -genkey -alias <your-alias>" and fill in details. Keytool comes with java sdk. This generates the key with which to sign the applet.

4. Execute "jarsigner ivCanvas.jar <your-alias>" from a command promt at the bin directory to sign the applet. Jarsigner is shipped with Java SDK.

5. Open index.html using a java compatible browser.