

Advanced visualization and programming with VisNow platform

Programming setup



VISNOW



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UNIVERSITY OF WARSAW
Interdisciplinary Centre for Mathematical
and Computational Modelling
www.icm.edu.pl

Java programming

1. Install **Java Development Kit (JDK)** version 1.6 or newer
 - Download from <http://java.oracle.com>
2. Install Netbeans IDE
 - Download from <http://netbeans.org>
3. Manually install Java3D library

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 - Download from <http://java.oracle.com>
2. Install Netbeans IDE
 - Download from <http://netbeans.org>
3. Manually install Java3D library (Linux)
 - Check your system architecture 32 vs. 64 bits (e.g. by executing `uname -a`)
 - Locate your JDK installation (e.g. run Netbeans and check Tools-Java platforms)
 - From the proper folder in `VN/java3d/v1.5.2/linux/<arch>` copy three JAR files (`j3dcore.jar`, `j3dutils.jar`, `vecmath.jar`) to the folder inside your JDK: `jdk/jre/lib/ext`
 - From the proper folder in `VN/java3d/v1.5.2/linux/<arch>` copy SO file (`libj3dcore-ogl.so`) to the folder inside your JDK: `jdk/jre/lib/<arch>` (amd64 or i386 or i586)

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 - Download from <http://java.oracle.com>
2. Install Netbeans IDE
 - Download from <http://netbeans.org>
3. Manually install Java3D library (Windows)
 - Check your system architecture 32 vs. 64 bits (e.g. in Control Panel - System)
 - Locate your JDK installation (e.g. run Netbeans and check Tools-Java platforms)
 - From the proper folder in VN/java3d/v1.5.2/windows/<arch> copy three JAR files (j3dcore.jar, j3dutils.jar, vecmath.jar) to the folder inside your JDK: jdk/jre/lib/ext
 - From the proper folder in VN/java3d/v1.5.2/windows/<arch> copy DLL file(s) (j3dcore-ogl*.dll) to the folder inside your JDK: jdk/jre/bin

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 - Download from <http://java.oracle.com>
2. Install Netbeans IDE
 - Download from <http://netbeans.org>
3. Manually install Java3D library (Mac OS X)
 - From the folder in VN/java3d/v1.5.2/mac/osx_10.8 copy three JAR files (j3dcore.jar, j3dutils.jar, vecmath.jar) to the folder /Library/Java/Extensions

VisNow programming

1. Run Netbeans IDE
2. Open VN project
3. Compile the project by right clicking the project node and selecting „Clean and build” or pressing Shift+F11
4. Check if the project compiled properly (Output Window, Ctrl+4)
5. Run VisNow by right clicking the project node and selecting „Run” or pressing F6



VISNOW

visnow.icm.edu.pl

Contact:

visnow@icm.edu.pl

Interdisciplinary Centre for Mathematical and Computational Modelling

University of Warsaw

Bartosz Borucki, Krzysztof Nowiński



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