WormScanner Installation Notes

WormScanner is part of QuantWorm (a software package for automatic phenotyping in *C. elegans*).

Installation Instructions

It was verified to work using Java version 1.6 (or higher)

1. Download the zip file of WormScanner and extract it. A folder named WormScanner will contain the software.
2. WormScanner uses video and stage components from WormTracker 2. Due to their license restrictions, please download their software directly from their website.
3. Install WormTracker by following their installation instructions.
4. After installing WormTracker, find the main 'jar' file of WormTracker, likely with file name: WormTracker.jar
5. Copy such jar file to the 'lib' folder of WormScanner
6. Compile WormScanner
   - We utilize ANT to compile WormScanner; there is a build.xml already inside the WormScanner folder.
     In case that you get an error about missing/unknown CameraInfo, then replace the two occurrances of CameraInfo.CMU1394 by "CMU 1394 Digital Camera Device"
     Note that the 1394-camera needs to be setup to be recognized via Java's JMF, such as following these steps: camera-1394
   - Otherwise, compile WormScanner by including into the classpath each of the jar files inside the 'lib' folder.
7. Run the program via clicking on the file: runit.bat

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