


Installation Requirements for Kiuwan Local Analyzer

What are the installation requirements for Kiuwan Local Analyzer (KLA)?

Settings	Description
Kiuwan Account	Be sure to have a valid account, because you have to download the Kiuwan Local Analyzer (KLA) from your dashboard in the Kiuwan website .
System permissions	<p>On your operating system, you should have permissions to download zip files, unzip and execute them.</p> <p>If this is not possible, contact your local administrator.</p>
Operating Systems	Operating systems supported by the local analyzer are Windows, Linux, MacOS and any UNIX system and any OS that supports Java.
Internet Connection	<p>Internet connection is required during the execution of KLA (for authentication, automatic updates, quality model download, and results upload).</p> <p>To properly work, Kiuwan Local Analyzer needs to access following URLs:</p> <ul style="list-style-type: none">• https://www.kiuwan.com• https://api.kiuwan.com• https://static.kiuwan.com <p>Additionally, next URLs should also be accessible to contact Kiuwan support if you are using Kiuwan website:</p> <ul style="list-style-type: none">• https://static.zdassets.com• wss://*.zopim.com
URL Access	To properly work, KLA needs to access the following URL: https://www.kiuwan.com/
Java [currently recommended from 8 to 11]	<p>You need either a Java Runtime Environment or a Java Development Kit installed.</p> <p>Depending on your platform, you have to make sure the JAVA_HOME environment variable points to the directory where the version was installed (in some platforms the installer takes care of this for you), and that you have \$JAVA_HOME/bin in your PATH.</p> <p>Windows Configuration of JAVA_HOME</p> <p>Windows 10 and Windows 8</p> <ol style="list-style-type: none">1. In Search, search for and then select: System (Control Panel)2. Click the Advanced system settings link.3. Click Environment Variables. In the section System Variables, find the PATH environment variable and select it. Click Edit. If the PATH environment variable does not exist, click New.4. In the Edit System Variable (or New System Variable) window, specify the value of the PATH environment variable. Click OK. Close all remaining windows by clicking OK.5. Reopen Command prompt window, and run your java code. <p>For other versions of Windows please see the Java Help page.</p>
Memory and Time Requirements	<p>When KLA executes a local analysis, it starts a JVM for every analysis step.</p> <p>By default:</p> <ul style="list-style-type: none">• JVM is configured to take a maximum of 1GB per concurrent analysis• Max time (timeout) for every analysis step is configured to 60 minutes. <p>These default values are usually valid for most of the analyses</p> <div> For analyses that contain more than 5,000 sources files and/or more than 1.5 Million lines of code , it's recommended to increase those values..</div>