Start your First Scan with Kiuwan Local Analyzer

How to start your first scan using the Kiuwan GUI

> ⓘ **Command Line Interface**
>
> If you prefer to use the Kiuwan Solutions via Command Line Interface, go to Kiuwan Local Analyzer CLI - Command Line Interface

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Basic Configuration

> ⓘ These are instructions for plug-and-play. For **Advanced Configuration**, see below.

1. Start the Kiuwan Local Analyzer.
2. Enter your **Kiuwan account details** and click **Login**

> ⓘ If you are using an Internet Proxy and/or you need to integrate with a Local Authentication system, click **Advanced** and visit Configuration for Networks with Proxy or Local Authentication for further instructions.
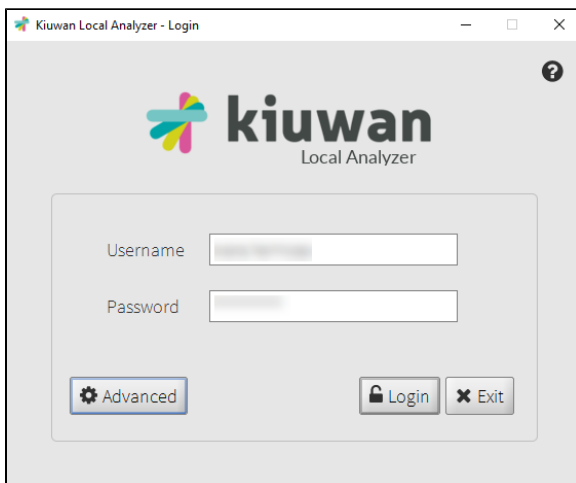
3. Define your basic analysis configuration on the **analysis set-up window**:

   - **Application name** (name of the software package to be analyzed)
   - **Folder to analyze** (root directory where source files are located)
   - **Analysis scope** (please visit Optimize the Content and the Scope of the Analysis with Kiuwan Local Analyzer)
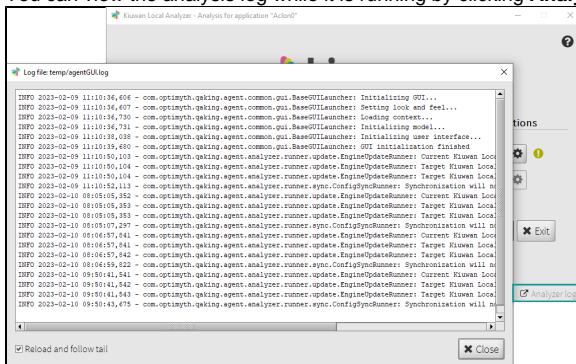   - **Baseline label** (custom label to identify this specific analysis from others)
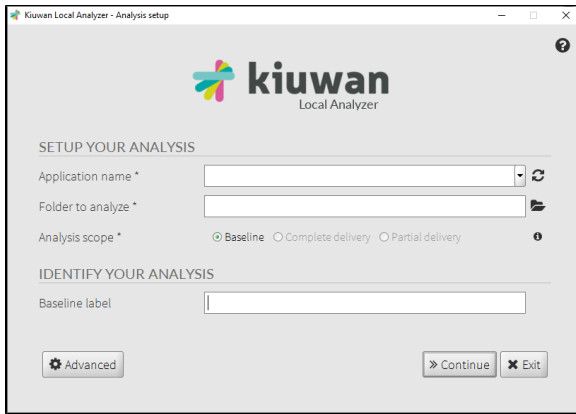
4. Click **Continue** to view the **analysis configuration window**
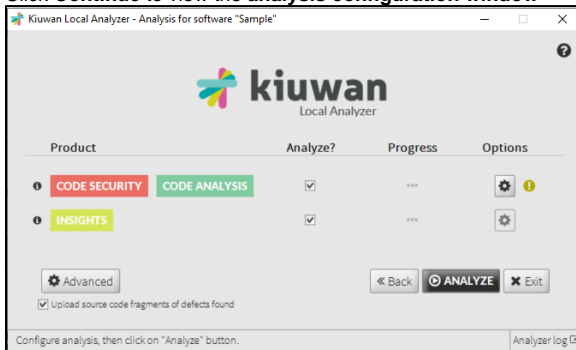
5. Define your basic analysis:
   - **Product**: select which Kiuwan Solution should be executed by clicking on the checkbox.

6. Click **Analyze**
   You can view the analysis log while it is running by clicking **Analyzer log**
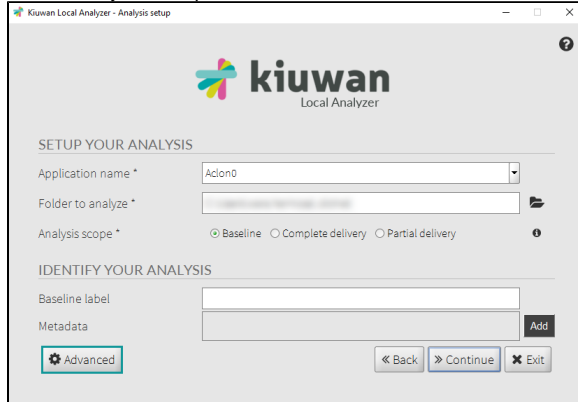

7. Your analysis is finished. You can now view the results on the dashboard by clicking **View Results** or by accessing your account on kiuwan.com.
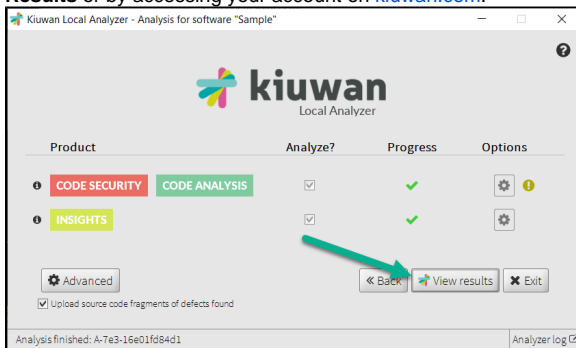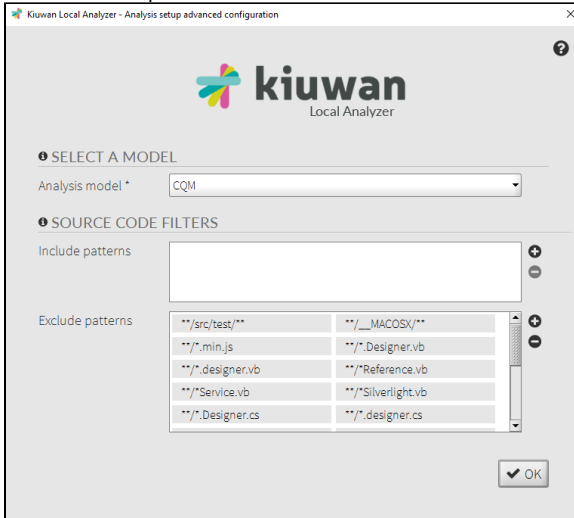
Advanced Configuration

Analysis set-up

1. On the analysis set-up window, click **Advanced** to access the advanced configuration settings:


A new window opens:

Select a **Model**:

- Automatic = KLA uses the Model associated to the application;
- Any other = that model is associated to the application for future analyses.
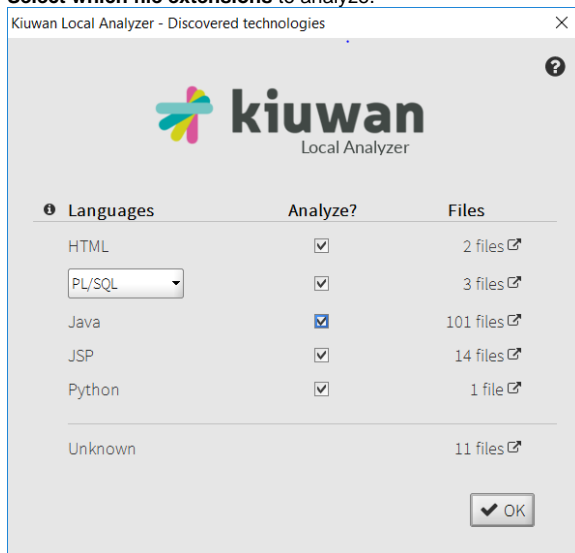
Source Code Filters

- Specify the exact fileset you want to analyze. Visit Source Code Filters for further information.

Analysis Configuration

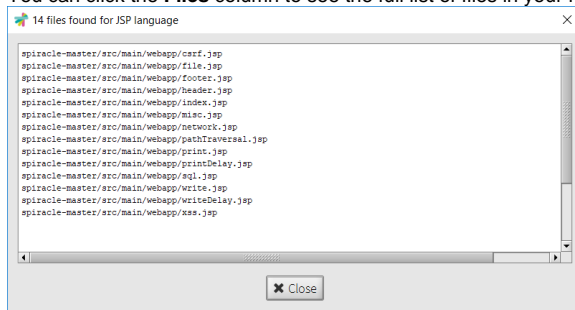1. Click the **settings wheel** on the **analysis configuration window**
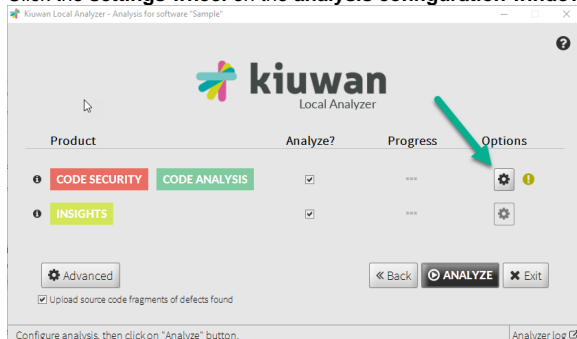
2. **Select which file extensions** to analyze.

> ⓘ **C/C++**
>
> For Advanced Configuration for C/C++ see Configuring an Analysis with C/C++

You can click the **Files** column to see the full list of files in your folder.

3. After configuration is done, click **Close** to return to the analysis configuration window.

> ⓘ Configuration settings will be taken into account in the subsequent analyses you run, either from the GUI or through command line
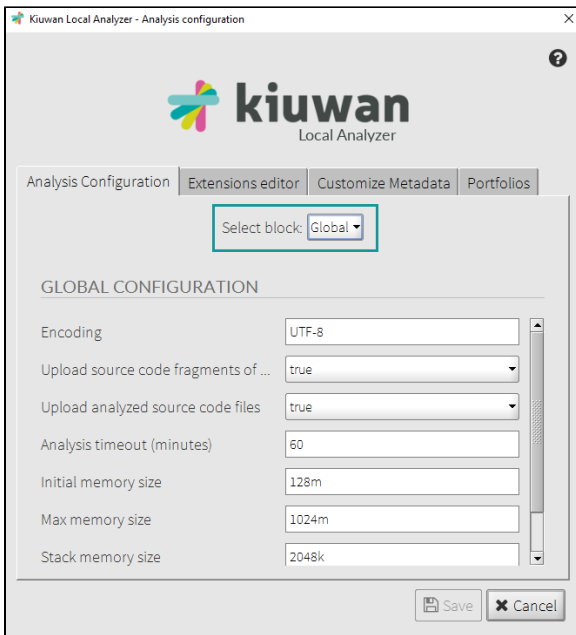
Advanced Analysis Configuration

To open the Advanced Analysis Configuration dialog, click **Advanced**.
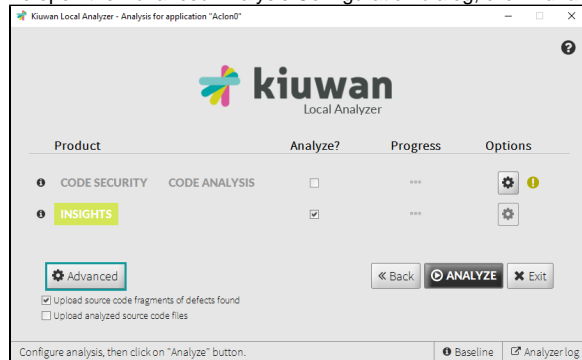
Analysis Configuration

In this tab, you can expand the **Select block** menu, where you can select which technology you would like to configure.

The most important settings are:

- **Encoding:** encoding of the application's files.
- **Analysis timeout (minutes):** Maximum time for every analysis step.
- **Max memory size:** Maximum memory (heap) used by the analysis.

Extensions editor

On **Extensions editor** tab, you can modifiy the configured extensions of source files.

You can also modify (add or delete) current extensions. Visit Kiuwan Supported Technologies for further information.
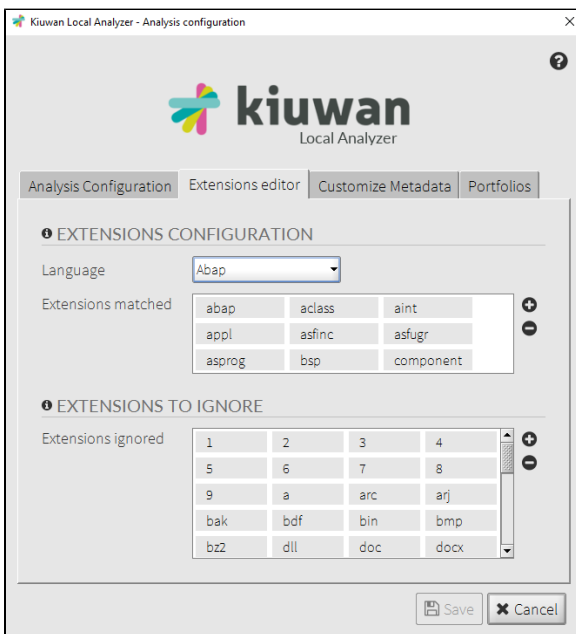
Customize Metadata

This dialog also allows you to modify the engine parametrization, for advanced users only. For more information, check Engine Metadata Files Customization

Porfolios tab

The **Portfolios** tab allows you to classify the current application under the available portfolios.

ⓘ   Changing the portfolio of the analysis will change the portfolio of the application itself.

Scope of the configuration

Once you have changed the settings, you can either :

- **Save** this configuration only for the application you are about to analyze;
- **Save as default** for all of your applications.
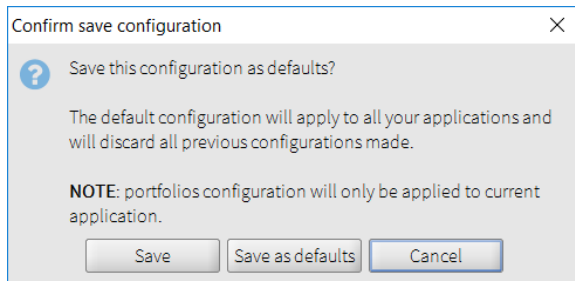
Kiuwan provides the option to change/override configured values at the time of the analysis.

Visit Command Line Interface (CLI) for a full explanation of configuration scopes and precedence.