

# 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](#)

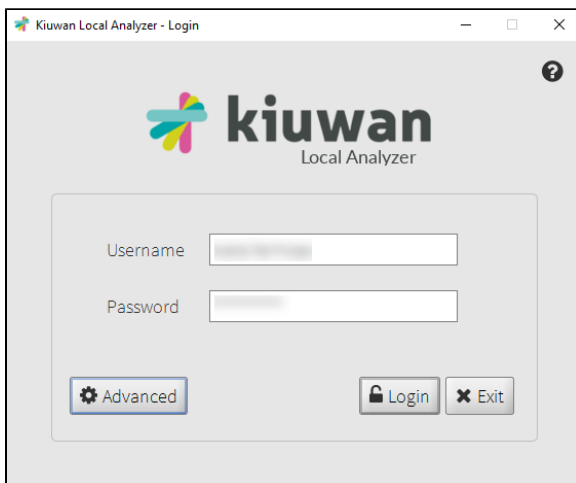
- [How to start your first scan using the Kiuwan GUI](#)
  - [Basic Configuration](#)
  - [Advanced Configuration](#)
    - [Analysis set-up](#)
    - [Analysis Configuration](#)
  - [Advanced Analysis Configuration](#)
    - [Analysis Configuration](#)
    - [Extensions editor](#)
    - [Customize Metadata](#)
    - [Portfolios tab](#)
    - [Scope of the configuration](#)

## 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**

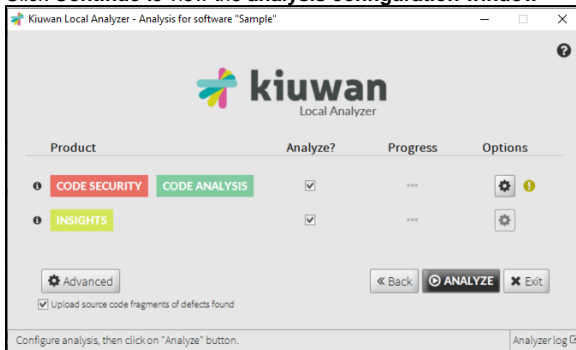
 If you are using an Internet Proxy and/or you need to integrate with a Local Authentication system, click **Advanced** and visit [Configuration for Networks with Proxy or Local Authentication](#) for further instructions.



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)

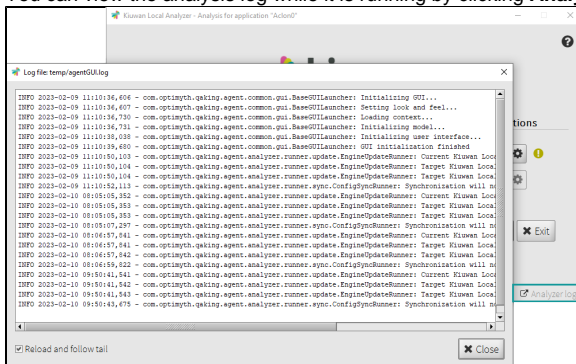


4. Click **Continue** to view the analysis configuration window

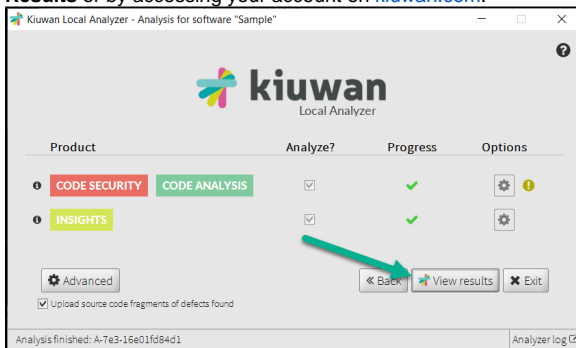


5. Define your basic analysis:
  - **Product:** select which Kiuwan Solution should be executed by clicking on the checkbox.
6. Click **Analyze**

You can view the analysis log while it is running by clicking **Analyzer log**



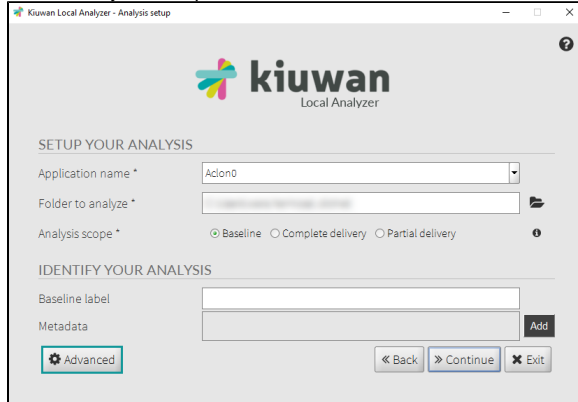
7. Your analysis is finished. You can now view the results on the dashboard by clicking **View Results** or by accessing your account on [kiuwan.com](https://kiuwan.com).



## 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**:

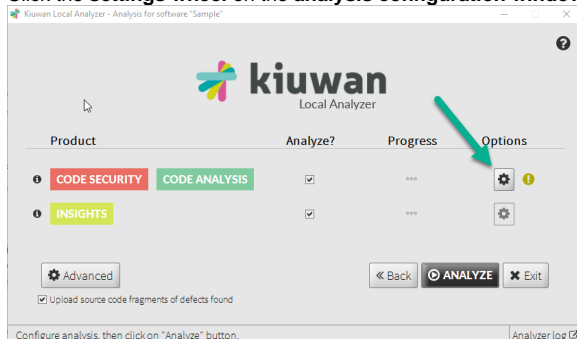
- Automatic = KLA uses the Model associated to the application;
- Any other = that model is associated to the application for future analyses.

### Source Code Filters

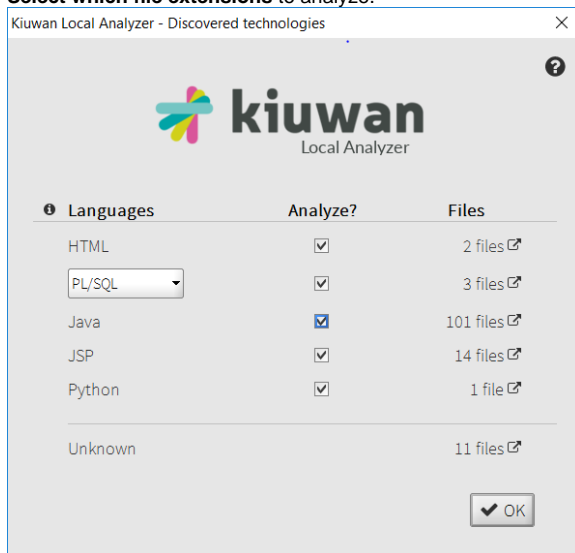
- Specify the exact filesset you want to analyze. Visit [Source Code Filters](#) for further information.

## Analysis Configuration

1. Click the **settings wheel** on the analysis configuration window



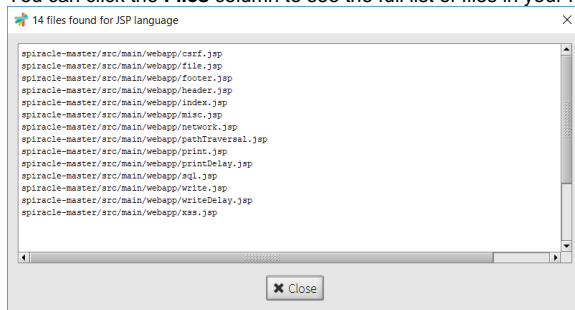
## 2. Select which file extensions to analyze.



### 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.



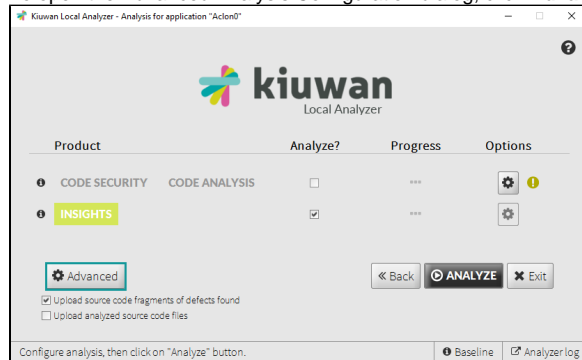
## 3. After configuration is done, click **Close** to return to the analysis configuration window.



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 modify 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](#)

## Portfolios tab

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



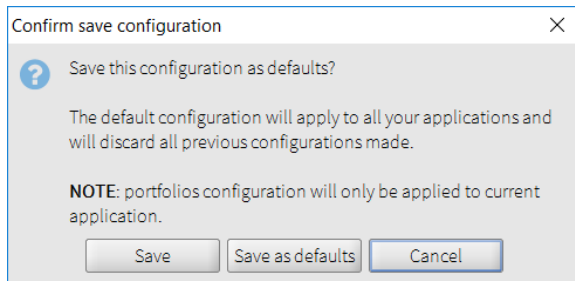
Changing the portfolio of the analysis will change the portfolio of the application itself.



## 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.