

Continuous analysis with Circle CI

This guide will show you how to add Kiuwan as an integrated step of the pipeline process with [CircleCI](#).

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Step 1: Environment Variables

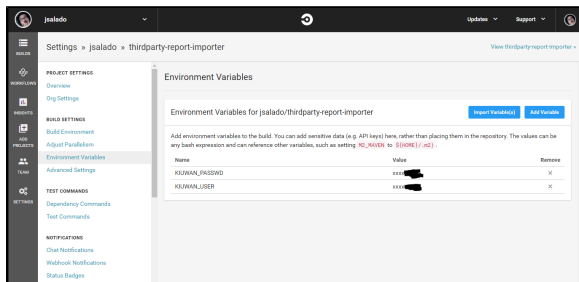
Go to **Settings > Projects > Configuration > Environment Variables** to create environment variables to establish your Kiuwan credentials:

Name:

- KIUWAN_USER
- KIUWAN_PASSWD

Value:

- your preferred values



Step 2: Add Kiuwan to config.yml

1. Create a directory named `.circleci` in your GitHub repository.
2. Place a config file named `config.yml` with the following contents (download a sample `config.yml` file [here](#)).

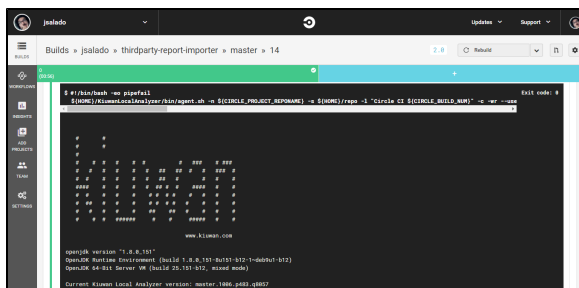
config.yml

```
#
# Check https://circleci.com/docs/2.0/language-java/ for more details
#
version: 2
jobs:
  build:
    docker:
      # IMPORTANT : specify any image but allways use Java 1.8 !!
      - image: circleci/openjdk:8-jdk

    working_directory: ~/repo
    steps:
      - checkout

      # Download and install Kiuwan Local Analyzer
      - run:
          name: Download and Install KLA
          command: |
            wget https://www.kiuwan.com/pub/analyzer
            /KiuwanLocalAnalyzer.zip -P ${HOME}
            unzip ${HOME}/KiuwanLocalAnalyzer.zip -d ${HOME}
            chmod +x ${HOME}/KiuwanLocalAnalyzer/bin/*.sh

      # Executes Kiuwan Local Analyzer
      # Visit https://www.kiuwan.com/docs/display/K5
      /Code+analysis+using+the+downloaded+agent for a full description of
      command line options
      - run:
          name: Run Kiuwan baseline analysis
          command: ${HOME}/KiuwanLocalAnalyzer/bin/agent.sh -n
          ${CIRCLE_PROJECT_REPONAME} -s ${HOME}/repo -l "Circle CI
          ${CIRCLE_BUILD_NUM}" -c -wr --user ${KIUWAN_USER} --pass ${KIUWAN_PASSWD}
          exclude.patterns="./KiuwanLocalAnalyzer/**/*.min.js,**/*.Designer.vb,**
          /*Reference.vb,**/*Service.vb,**/*Silverlight.vb,**/*.designer.vb,**
          /*reference.vb,**/*service.vb,**/*silverlight.vb,**/*.Designer.cs,**
          /*Reference.cs,**/*Service.cs,**/*Silverlight.cs,**/*.designer.cs,**
          /*reference.cs,**/*service.cs,**/*silverlight.cs,**/.*,**/Pods/BuildHeaders
          /**/*.h,**/Pods/Headers/**/*.h include.patterns=**/*" ignore=architecture
```



Kiuwan is now integrated into your Circle CI pipeline.

