

Here is a very simple case with a Maven step and a Kiuwan baseline analysis:

```

stages:
  - build
  - analyze

maven-build:
  stage: build
  script:
    - mvn clean
  tags:
    - maven

kiuwan-bl-analysis:
  stage: analyze
  script:
    - agent -n %CI_PROJECT_NAME% -s %CI_PROJECT_DIR% -l "GitLab build %
CI_JOB_ID%" -c --user %KIUWAN_USER% --pass %KIUWAN_PASSWD%
  tags:
    - kiuwan

```

2. Install Kiuwan Local Analyzer in the runner machine

As we can see in the previous example, the call to Kiuwan is through a command line.

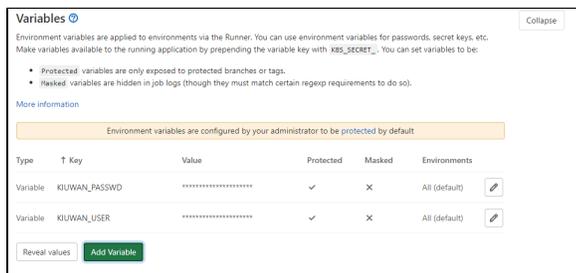
The [Kiuwan Local Analyzer](#) must be installed where the GitLab runner will be installed. [Here](#) are instructions on how to install it.

In addition, add the folder `KLA_HOME/bin` to the environment variable `PATH`.

3. Define credentials as secret variables

Kiuwan credentials should be added as secret variables. These variables will be applied to environments via the runner.

To add the variables go to Settings -> CI/CD menu and clicking on Expand and add both variables.



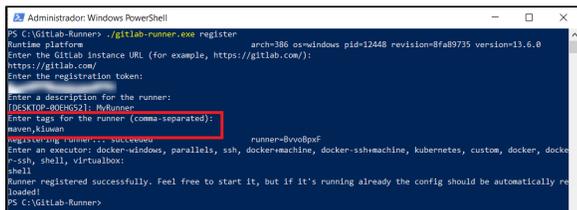
4. Perform an analysis

To perform a Kiuwan analysis, we need to install a GitLab runner (local agent) that will be responsible to execute the steps of the pipeline.

To install a gitlab runner, follow these instructions: <https://docs.gitlab.com/runner/install/>

When we create the agent it is necessary to specify the tags of the steps we want to analyze with the runner.

In the previous example, the tags used are **maven** and **kiuwan**:



```
Administrator: Windows PowerShell
PS C:\GitLab-Runner> ./gitlab-runner.exe register
Runtime platform arch=386 os=windows pid=12448 revision=8fa89735 version=13.6.0
Enter the GitLab Instance URL (for example, https://gitlab.com/):
https://gitlab.com/
Enter the registration token:
Enter a description for the runner:
[DESCRIPTION:00846521]: MyRunner
Enter tags for the runner (comma-separated):
maven,kiuwan
Registering runner:: succeeded runner=8voolpaf
Enter an executor: docker-windows, parallels, ssh, docker+machine, docker-ssh+machine, kubernetes, custom, docker, docke
r-ssh, shell, virtualbox:
shell
Runner registered successfully. Feel free to start it, but if it's running already the config should be automatically re
loaded!
PS C:\GitLab-Runner>
```

Once this is done, perform an analysis in the pipeline screen to test the configuration.

