

Universidad de San Carlos de Guatemala

Facultad de Ingeniería

Escuela de Ciencias y Sistemas

Software Avanzado

Práctica 7

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Archivo de instrucciones

Se creó un archivo .yml donde se colocan todas las instrucciones que se desean que se realicen

The screenshot displays the GitLab Pipeline Editor interface. The top navigation bar includes the GitLab logo, project name 'SA_Practica7_201404134', and various tabs like 'Clases', 'Options', and '+'. The left sidebar shows the project structure with options like 'Project overview', 'Repository', 'Issues', 'Merge Requests', 'Requirements', 'CI/CD', 'Pipelines', 'Editor' (selected), 'Jobs', and 'Schedules'. The main content area shows the pipeline configuration editor. A message at the top states 'Please ensure your account's recovery settings are up to date.' Below this, a confirmation message says '✓ This GitLab CI configuration is valid. Learn more'. The editor has tabs for 'Write pipeline configuration', 'Visualize', 'Lint', and 'View merged YAML'. The 'Write pipeline configuration' tab is active, showing a YAML script for a pipeline named 'TestCliente'.

```
1 stages:
2 | - Tests
3
4 TestCliente:
5   image: node:latest
6   stage: Tests
7   before_script:
8     - npm i
9     - npm install mocha
10    - npm install chai
11   script:
12     - npm run test
13   after_script:
14     - echo "Pruebas Unitarias finalizadas"
15   only:
```

The bottom of the image shows the Windows taskbar with the search bar and several application icons. The system clock indicates 10:08 PM on 21-Mar-21.

Resultado de la ejecución

The screenshot shows the GitLab CI/CD interface for a job named 'TestCliente'. The job is part of a pipeline for the project 'SA_Practica7_201404134'. The job status is 'succeeded'. The output shows a series of HTTP GET requests to a local server, all of which passed. The job duration was 1 minute and 7 seconds. The runner used was 'shared-runners-manager-4.gitlab.com (#44949)'. The job artifacts are listed as 'Tests'. The commit hash is '15e7d3be'. The pipeline is identified as '#274100301 for master'.

```
88 at exports.runMocha (/builds/andreelopez/sa_practica7_201404134/node_modules/mocha/lib/cli/run-helpers.js:190:10)
89 at Object.exports.handler (/builds/andreelopez/sa_practica7_201404134/node_modules/mocha/lib/cli/run.js:362:11)
90 at /builds/andreelopez/sa_practica7_201404134/node_modules/yargs/build/index.cjs:443:71
91 Cliente
92 GET /cliente/pedido 200 3.646 ms - 31
93 ✓ Deberia crear el pedido del cliente
94 GET /cliente/estadoRestaurante 200 0.801 ms - 31
95 ✓ Deberia obtener el estado del pedido en el restaurante
96 GET /cliente/estadoRepartidor 200 0.710 ms - 31
97 ✓ Deberia obtener el estado del pedido con el repartidor
98 3 passing (47ms)
99 Running after_script
100 Running after script...
101 $ echo "Pruebas Unitarias finalizadas"
102 Pruebas Unitarias finalizadas
103 Cleaning up file based variables
104 Job succeeded
```

TestCliente Retry

Duration: 1 minute 7 seconds
Timeout: 1h (from project)
Runner: shared-runners-manager-4.gitlab.com (#44949)

Job artifacts
These artifacts are the latest. They will not be deleted (even if expired) until newer artifacts are available.

Commit 15e7d3be Update Cliente/.gitlab-ci.yml file

Pipeline #274100301 for master
Tests

The screenshot shows the GitLab CI/CD Pipelines page for the project 'SA_Practica7_201404134'. The page displays a list of pipelines, with the most recent one being '#274100301 for master'. This pipeline is in a 'succeeded' state. The pipeline consists of two jobs: 'TestCliente' and 'BuildApp'. The 'TestCliente' job is shown with a green checkmark, indicating it passed. The 'BuildApp' job is shown with a green checkmark, indicating it also passed. The pipeline is part of the 'master' branch.

Pipeline Needs Jobs 2 Tests 0

Tests **Build**

TestCliente BuildApp

Pipeline satisfactorio

The screenshot shows the GitLab web interface for a project named 'SA_Practica7_201404134'. The 'Pipelines' tab is selected in the left sidebar. The main content area displays a list of pipeline runs. The first run, #274100765, is in a 'passed' state and is marked as 'latest'. It was triggered by a commit on the 'master' branch (936f3c9f) and completed successfully in 00:01:07. The second run, #274100301, is in a 'canceled' state. The third run, #274098997, is also in a 'passed' state. The interface includes a search bar, filters for 'All', 'Finished', 'Branches', and 'Tags', and buttons for 'Run Pipeline', 'Clear Runner Caches', and 'CI Lint'. A notification banner at the top indicates that the user's account recovery settings need to be updated.

Status	Pipeline	Triggerer	Commit	Stages
passed	#274100765 latest	[Avatar]	master -> 936f3c9f Update Cliente/gitlab-ci...	00:01:07 40 minutes ago
canceled	#274100301	[Avatar]	master -> 15e7d3be Update Cliente/gitlab-ci...	00:02:38 41 minutes ago
passed	#274098997	[Avatar]	master -> ad1e8fe6 Update Cliente/gitlab-ci...	00:01:09 50 minutes ago

Artefacto

The screenshot shows the GitLab web interface for the same project, but the 'Tags' tab is selected in the left sidebar. The main content area displays a list of tags. The first tag, 'v1.0.0', is shown with its commit hash 'ad1e8fe6' and a description 'Update Cliente/gitlab-ci.yml file'. A 'Download' button is visible next to the tag, which has opened a dropdown menu with options to download the source code in 'zip', 'tar.gz', 'tar.bz2', or 'tar' format. The interface includes a search bar, a filter for 'Filter by tag name', and buttons for 'New tag' and 'Download'. A notification banner at the top indicates that the user's account recovery settings need to be updated.

Tag	Commit	Description
v1.0.0	ad1e8fe6	Update Cliente/gitlab-ci.yml file