

# Memoria Práctica 8

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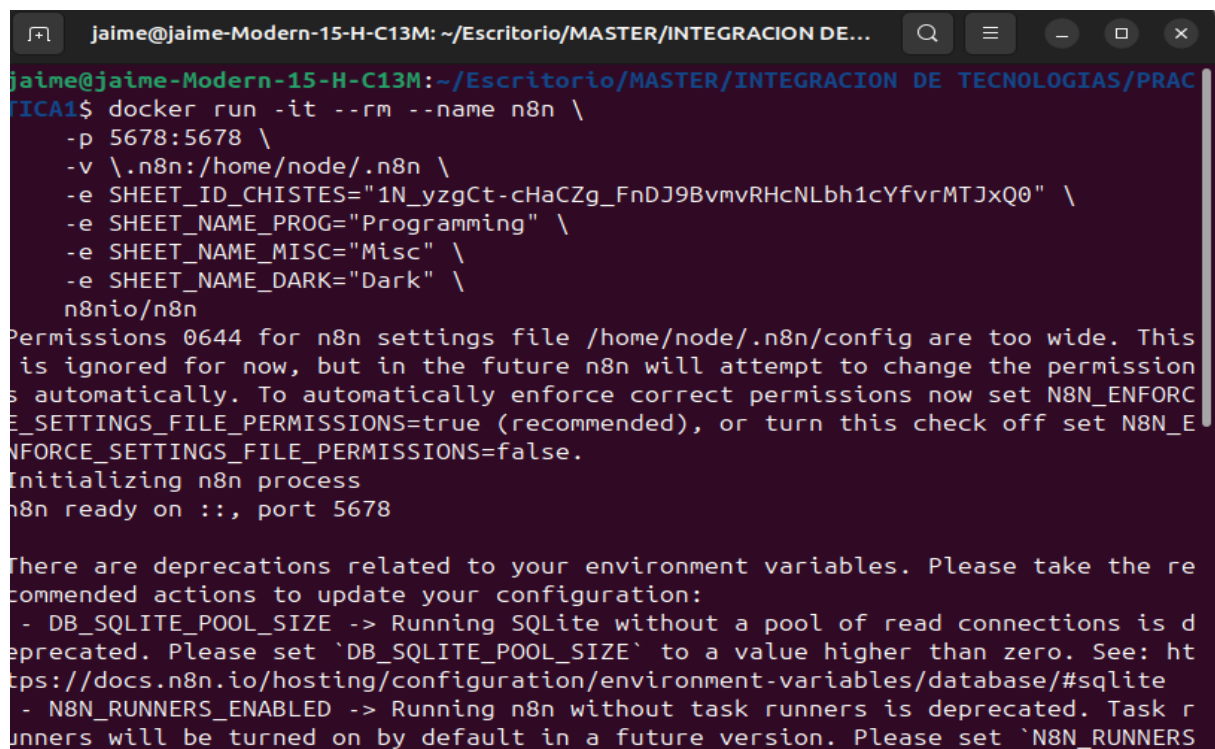
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# Capítulo 1

## Ejercicio Guiado 1

El objetivo del ejercicio guiado es refactorizar el flujo de la Práctica 3 (Google Sheets) para que esté "listo para producción", visionarlo en Git y simular un despliegue con n8n-cli. El primer paso es inyectar las variables de entorno en n8n.

A terminal window with a dark background. The title bar shows the user 'jaime' on a machine named 'jaime-Modern-15-H-C13M' in the directory '~/Escritorio/MASTER/INTEGRACION DE...'. The prompt is 'jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRAC...'. The command entered is 'docker run -it --rm --name n8n \'. The output shows the container starting n8n with various environment variables: SHEET\_ID\_CHISTES, SHEET\_NAME\_PROG, SHEET\_NAME\_MISC, and SHEET\_NAME\_DARK. It also shows a warning about permissions for the settings file and a message that n8n is ready on port 5678. Finally, it lists deprecation warnings for DB\_SQLITE\_POOL\_SIZE and N8N\_RUNNERS\_ENABLED.

```
jaime@jaime-Modern-15-H-C13M: ~/Escritorio/MASTER/INTEGRACION DE...
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRAC...$ docker run -it --rm --name n8n \
-p 5678:5678 \
-v \.n8n:/home/node/.n8n \
-e SHEET_ID_CHISTES="1N_yzgCt-cHaCZg_FnDJ9BvmvRHcNLbh1cYfvMTJxQ0" \
-e SHEET_NAME_PROG="Programming" \
-e SHEET_NAME_MISC="Misc" \
-e SHEET_NAME_DARK="Dark" \
n8nio/n8n
Permissions 0644 for n8n settings file /home/node/.n8n/config are too wide. This
is ignored for now, but in the future n8n will attempt to change the permission
s automatically. To automatically enforce correct permissions now set N8N_ENFORC
E_SETTINGS_FILE_PERMISSIONS=true (recommended), or turn this check off set N8N_E
NFORCE_SETTINGS_FILE_PERMISSIONS=false.
Initializing n8n process
n8n ready on ::, port 5678

There are deprecations related to your environment variables. Please take the re
commended actions to update your configuration:
- DB_SQLITE_POOL_SIZE -> Running SQLite without a pool of read connections is d
eprecated. Please set `DB_SQLITE_POOL_SIZE` to a value higher than zero. See: ht
tps://docs.n8n.io/hosting/configuration/environment-variables/database/#sqlite
- N8N_RUNNERS_ENABLED -> Running n8n without task runners is deprecated. Task r
unners will be turned on by default in a future version. Please set `N8N_RUNNERS
```

A continuación, se refactoriza el flujo de trabajo de la Práctica 3 con las variables de entorno.

The screenshot shows a workflow editor with a 'Switch' node. The node is configured with three routing rules based on the 'category' field. The first rule is for 'PROG', the second for 'MISC', and the third for 'DARK'. Each rule has a 'Rename Output' toggle and a 'Fixed Expression' field. The output shows three separate JSON objects for each category.

```

INPUT
[
  {
    "category": "Programming",
    "type": "single",
    "joke": "I have a joke about Stack Overflow, but you would say it's a duplicate.",
    "flags": {
      "nsfw": false,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": true,
    "id": 300,
    "lang": "en"
  },
  {
    "category": "Programming",
    "type": "single",
    "joke": "Documentation is like sex:\nwhen it's good, it's very good.\nwhen it's bad, it's better than nothing...",
    "flags": {
      "nsfw": true,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": false,
    "id": 304,
    "lang": "en"
  },
  {
    "category": "Programming",
    "type": "single",
    "joke": "Documentation is like sex:\nwhen it's good, it's very good.\nwhen it's bad, it's better than nothing...",
    "flags": {
      "nsfw": true,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": false,
    "id": 304,
    "lang": "en"
  }
]

Switch
Parameters
Mode: Routing Rules
Rules:
  Rule 1: {{ $json.category }} is equal to {{ $env.SHEET_NAME_PROG }}
  Rule 2: {{ $json.category }} is equal to {{ $env.SHEET_NAME_MISC }}
  Rule 3: {{ $json.category }} is equal to {{ $env.SHEET_NAME_DARK }}
Output:
[
  {
    "category": "Programming",
    "type": "single",
    "joke": "I have a joke about Stack Overflow, but you would say it's a duplicate.",
    "flags": {
      "nsfw": false,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": true,
    "id": 300,
    "lang": "en"
  },
  {
    "category": "Programming",
    "type": "single",
    "joke": "Documentation is like sex:\nwhen it's good, it's very good.\nwhen it's bad, it's better than nothing...",
    "flags": {
      "nsfw": true,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": false,
    "id": 304,
    "lang": "en"
  },
  {
    "category": "Programming",
    "type": "single",
    "joke": "Documentation is like sex:\nwhen it's good, it's very good.\nwhen it's bad, it's better than nothing...",
    "flags": {
      "nsfw": true,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": false,
    "id": 304,
    "lang": "en"
  }
]

```

The screenshot shows a workflow editor with an 'Edit Fields' node. The node is configured with 'Manual Mapping' mode. It has a 'Fields to Set' section with a mapping for 'ID' to a fixed expression. The output shows a single JSON object with the 'ID' field.

```

INPUT
[
  {
    "category": "Programming",
    "type": "single",
    "joke": "I have a joke about Stack Overflow, but you would say it's a duplicate.",
    "flags": {
      "nsfw": false,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": true,
    "id": 300,
    "lang": "en"
  },
  {
    "category": "Programming",
    "type": "single",
    "joke": "Documentation is like sex:\nwhen it's good, it's very good.\nwhen it's bad, it's better than nothing...",
    "flags": {
      "nsfw": true,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": false,
    "id": 304,
    "lang": "en"
  },
  {
    "category": "Programming",
    "type": "single",
    "joke": "Documentation is like sex:\nwhen it's good, it's very good.\nwhen it's bad, it's better than nothing...",
    "flags": {
      "nsfw": true,
      "religious": false,
      "political": false,
      "racist": false,
      "sexist": false,
      "explicit": false
    },
    "safe": false,
    "id": 304,
    "lang": "en"
  }
]

Edit Fields
Parameters
Mode: Manual Mapping
Fields to Set:
  ID: {{ $env.SHEET_ID_CHISTES }}
Output:
[
  {
    "ID": "1N_y2gCt-cHaCZg_FnD39BvwvRHCnLbh1cYfvrMTJx08"
  }
]

```

El siguiente paso es versionar el flujo de trabajo en git. Para ello debemos descargarlo y crear un nuevo repositorio Git en ese directorio.

```
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N$ git init
yuda: Usando 'master' como el nombre de la rama inicial. Este nombre de rama predeterminado
yuda: está sujeto a cambios. Para configurar el nombre de la rama inicial para usar en todos
yuda: de sus nuevos repositorios, reprimiendo esta advertencia, llama a:
yuda:
yuda: git config --global init.defaultBranch <nombre>
yuda:
yuda: Los nombres comúnmente elegidos en lugar de 'master' son 'main', 'trunk' y
yuda: 'development'. Se puede cambiar el nombre de la rama recién creada mediante este comando:
yuda:
yuda: git branch -m <nombre>
Iniciado repositorio Git vacío en /home/jaine/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N/.git/
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N$ git add EJERC\ 8.1.json
Orden «dit» no encontrada, pero hay 22 similares.
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N$ git add EJERC\ 8.1.json
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N$ git commit -m "Refactor: Desacoplada configuración de Google Sheets"
master (commit-raiz) f492ebd Refactor: Desacoplada configuración de Google Sheets
1 file changed, 486 insertions(+)
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N$
```

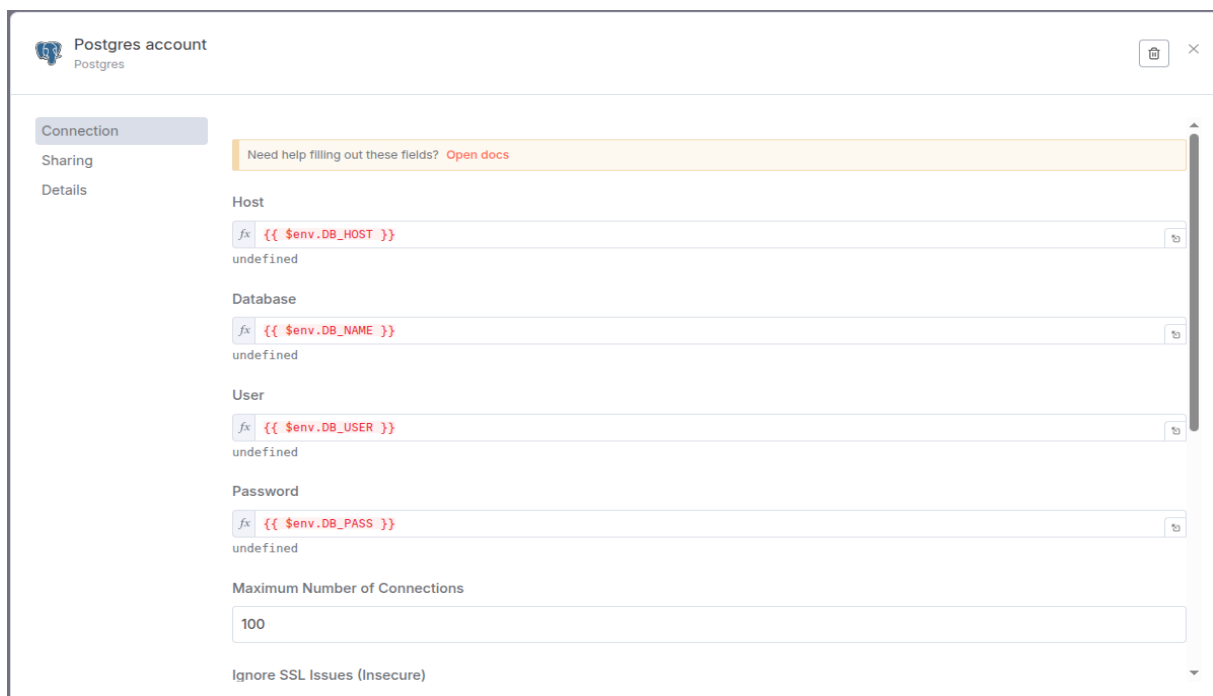
Por último, es necesario instalar n8n-cli, generar la clave de API en n8n y configurar la variable de entorno en la terminal. De esta forma se podrá desplegar desde la CLI el workflow.

```
[master (commit-raiz) f492ebd] Refactor: Desacoplada configuración de Google Sheets
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N$ npm install n8n-cli -g
npm error code E404
npm error 404 Not Found - GET https://registry.npmjs.org/n8n-cli - Not found
npm error 404
npm error 404 'n8n-cli@*' is not in this registry.
npm error 404
npm error 404 Note that you can also install from a
npm error 404 tarball, folder, http url, or git url.
npm notice
npm notice New major version of npm available! 10.8.2 -> 11.6.4
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.6.4
npm notice To update run: npm install -g npm@11.6.4
npm notice
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N$ export N8N_HOST="http://localhost:5678" export N8N_API_KEY="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpVC3R5eyJzdHJiOiJKbWZlOTQ8M2E3LTQ8Zm1tODJNS0YmI3MTFKZjEzNmU1LCJpc3MiOiJ1bG41LCJhdWQiOiJwdWJsawMtYXBpIiwiaWF0IjoxNzY0NDI5NTQ4LCJleHAiOjE3NjY5ODQ0MDB9.yD9CQ66fxuIX0Lfl6rrujRuCL7b_izQxgaDNM5EzJs"
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA 8/N8N$
```

# Capítulo 2

## Ejercicio 1

El objetivo del ejercicio 1 es aplicar el desacoplamiento de configuración al sistema de microservicios de la Práctica 6. Para ello es necesario refactorizar las credenciales de PostgreSQL por las variables de entorno.

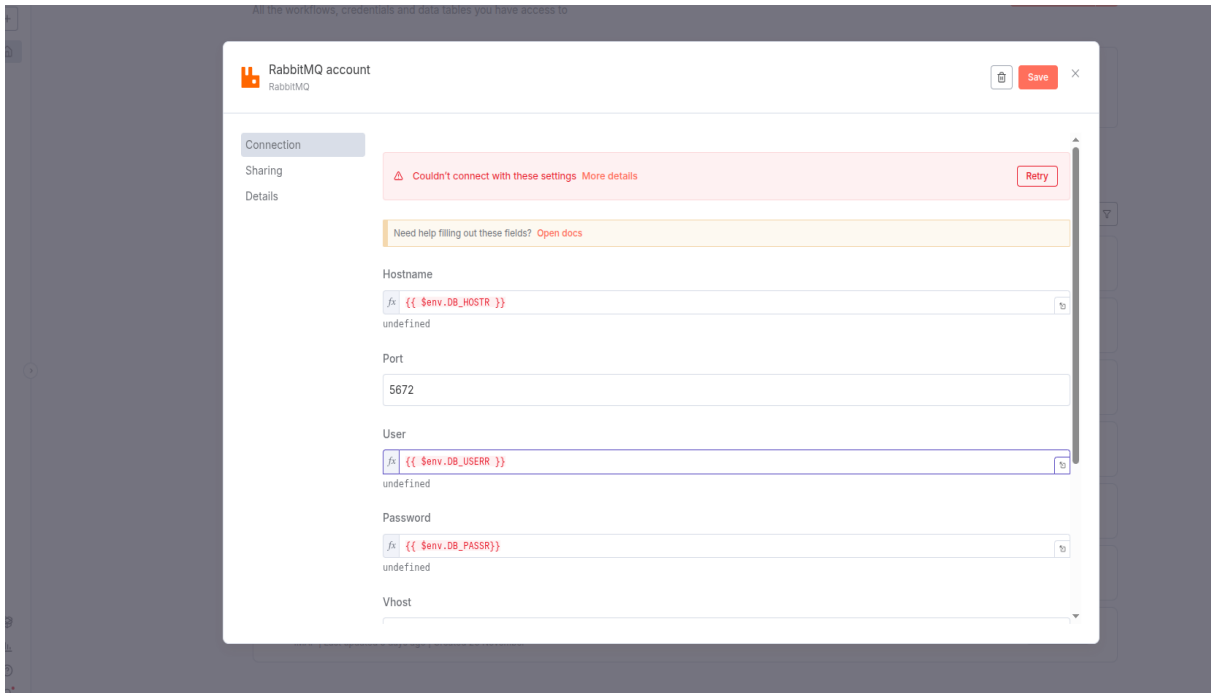


The screenshot shows the 'Postgres account' configuration page. On the left, there is a sidebar with 'Connection' selected, and 'Sharing' and 'Details' options below it. The main area contains a form with the following fields:

- Host:** A text input field containing the environment variable reference `{{ $env.DB_HOST }}`. Below the input, the text 'undefined' is displayed.
- Database:** A text input field containing the environment variable reference `{{ $env.DB_NAME }}`. Below the input, the text 'undefined' is displayed.
- User:** A text input field containing the environment variable reference `{{ $env.DB_USER }}`. Below the input, the text 'undefined' is displayed.
- Password:** A text input field containing the environment variable reference `{{ $env.DB_PASS }}`. Below the input, the text 'undefined' is displayed.
- Maximum Number of Connections:** A text input field containing the value '100'.
- Ignore SSL Issues (Insecure):** A checkbox that is currently unchecked.

At the top of the main area, there is a yellow banner with the text 'Need help filling out these fields? [Open docs](#)'.

En la credencial de Rabbit debemos hacer lo mismo.



Por último se detiene el contenedor de n8n y se reinicia con los nuevos flags.

```
jaine@jaine-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICA1$ docker run -it --rm \
--name n8n \
-p 5678:5678 \
-v .n8n:/home/node/.n8n \
-e DB_HOST=db \
-e DB_DATABASE=taskdb \
-e DB_USER=user \
-e DB_PASSWORD=password \
-e DB_HOSTR=mq \
-e DB_USERR=guest \
-e DB_PASSR=guest \
n8nio/n8n
Permissions 0644 for n8n settings file /home/node/.n8n/config are too wide. This is ignored for now, but in the future n8n will attempt to change the permissions automatically enforce correct permissions now set N8N_ENFORCE_SETTINGS_FILE_PERMISSIONS=true (recommended), or turn this check off set N8N_ENFORCE_SETTINGS_FILE_PERMISSIONS=false
Initializing n8n process
n8n ready on ::, port 5678

There are deprecations related to your environment variables. Please take the recommended actions to update your configuration:
- DB_SQLITE_POOL_SIZE -> Running SQLite without a pool of read connections is deprecated. Please set 'DB_SQLITE_POOL_SIZE' to a value higher than zero. See: https://docs.n8n.io/hosting/configuration/environment-variables/database/#sqlite
- N8N_RUNNERS_ENABLED -> Running n8n without task runners is deprecated. Task runners will be turned on by default in a future version. Please set 'N8N_RUNNERS_ENABLED' to true to enable task runners now and avoid potential issues in the future. Learn more: https://docs.n8n.io/hosting/configuration/task-runners/
- N8N_BLOCK_ENV_ACCESS_IN_NODE -> The default value of N8N_BLOCK_ENV_ACCESS_IN_NODE will be changed from false to true in a future version. If you need to access env from the Code Node or from expressions, please set N8N_BLOCK_ENV_ACCESS_IN_NODE=false. Learn more: https://docs.n8n.io/hosting/configuration/environment-variables/security/#n8n_block_env_access_in_node
- N8N_GIT_NODE_DISABLE_BARE_REPOS -> Support for bare repositories in the Git Node will be removed in a future version due to security concerns. If you are not using the Git Node, please set N8N_GIT_NODE_DISABLE_BARE_REPOS=true. Learn more: https://docs.n8n.io/hosting/configuration/environment-variables/security/#n8n_git_node_disable_bare_repos

[[license SDK] Skipping renewal on init: license cert is not initialized
Version: 1.120.4

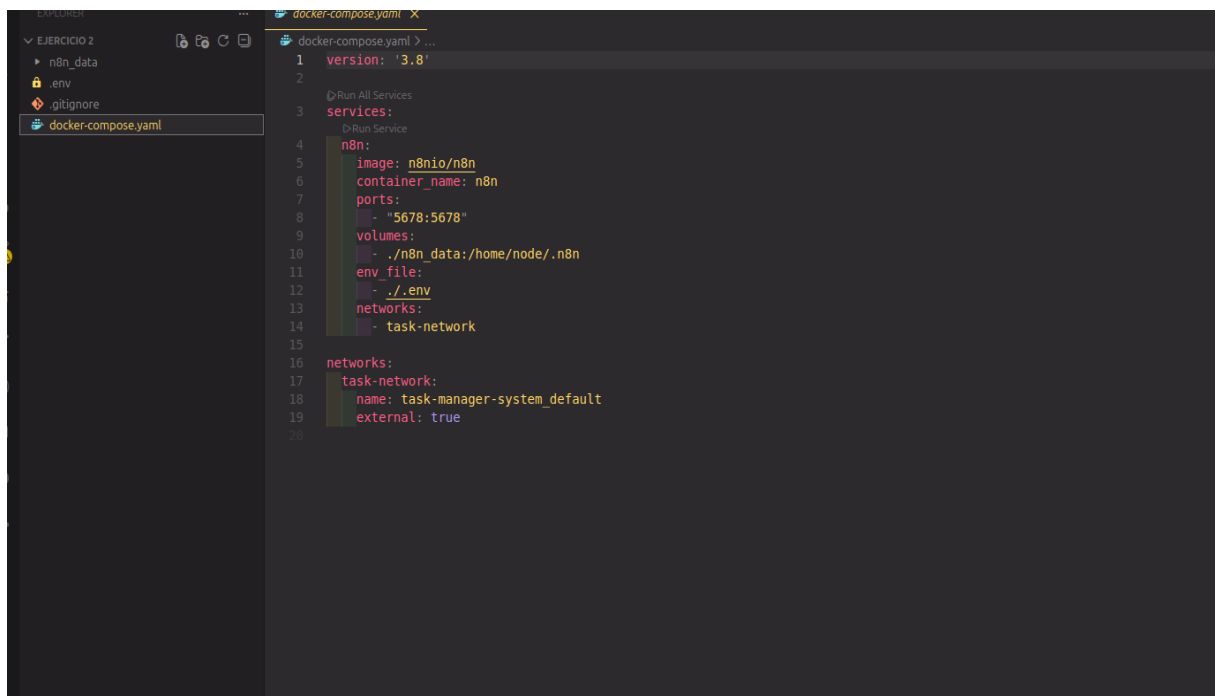
Editor is now accessible via:
http://localhost:5678

Press "o" to open in Browser.
o
```

# Capítulo 3

## Ejercicio 2

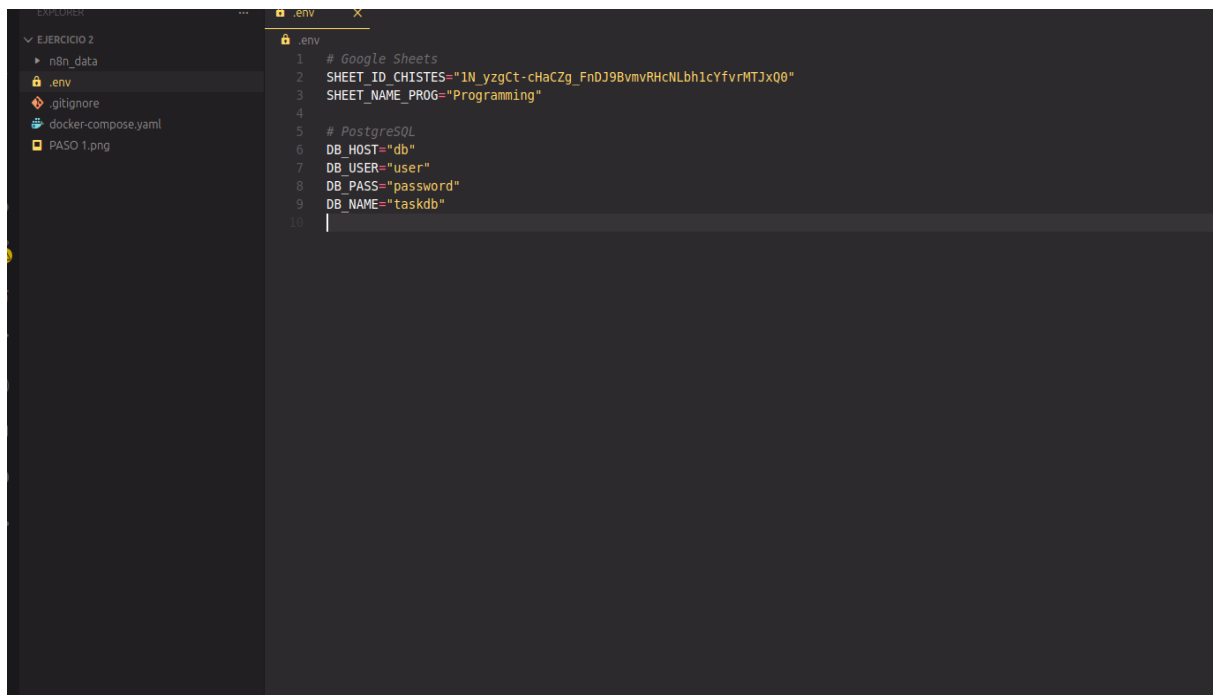
El objetivo del ejercicio 2 es dejar de usar docker run y gestionar la configuración de n8n con docker-compose y un fichero .env, que es la mejor práctica. El primer paso es crear un fichero docker-compose.yml para la instancia de n8n.



```
1 version: '3.8'
2
3 services:
4   n8n:
5     image: n8nio/n8n
6     container_name: n8n
7     ports:
8       - "5678:5678"
9     volumes:
10      - ./n8n_data:/home/node/.n8n
11     env_file:
12       - ./.env
13     networks:
14       - task-network
15
16 networks:
17   task-network:
18     name: task-manager-system_default
19     external: true
```



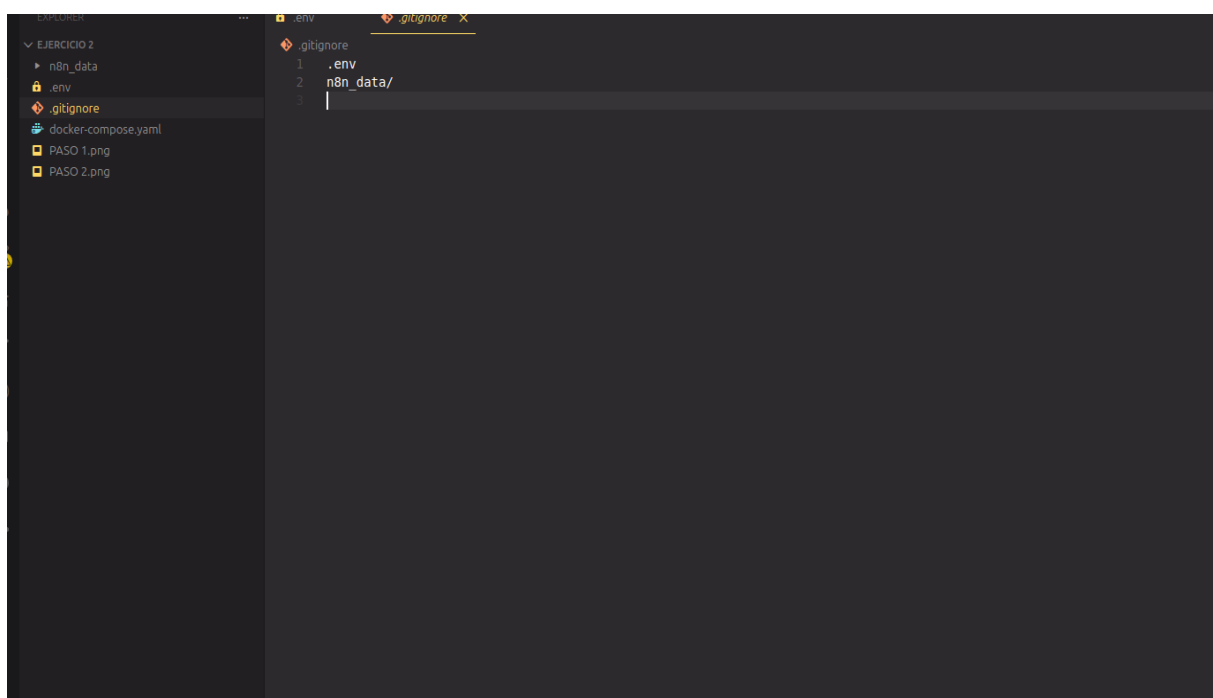
Después, se crea un fichero .env para poner las variables de entorno.



The screenshot shows the Visual Studio Code editor with a file explorer on the left and a code editor on the right. The file explorer shows a project named 'EJERCICIO 2' with subfolders 'n8n\_data' and files '.env', '.gitignore', 'docker-compose.yaml', and 'PASO 1.png'. The code editor displays the content of the '.env' file, which includes variables for Google Sheets and PostgreSQL.

```
1 # Google Sheets
2 SHEET_ID_CHISTES="1N_yzgCt-cHacZg_FnDJ9BvmvRHcNLbh1cYfvrMTJxQ0"
3 SHEET_NAME_PROG="Programming"
4
5 # PostgreSQL
6 DB_HOST="db"
7 DB_USER="user"
8 DB_PASS="password"
9 DB_NAME="taskdb"
10 |
```

A continuación en un fichero .gitignore se añade el fichero .env.



The screenshot shows the Visual Studio Code editor with a file explorer on the left and a code editor on the right. The file explorer shows the same project as the previous screenshot, but now it includes 'PASO 2.png'. The code editor displays the content of the '.gitignore' file, which lists '.env' and 'n8n\_data/' as ignored files.

```
1 .env
2 n8n_data/
3 |
```

Por último, se detiene el contenedor docker run y se inicia docker-compose up -d.

```
PROBLEMS OUTPUT DEBUG CONSOLE PORTS TERMINAL TASK/ACTION OUTPUT python3 + v
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/EJERCICIO 2$ docker-compose up -d
Creating n8n ... done
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/EJERCICIO 2$ docker-compose logs -f
```

De esta forma, n8n se iniciará con todas las variables de entorno cargadas.

```
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/EJERCICIO 2$ docker-compose logs -f
n8n | Finished migration CreateDataStoreTables1754475614601
n8n | Starting migration ReplaceDataStoreTablesWithDataTables1754475614602
n8n | Finished migration ReplaceDataStoreTablesWithDataTables1754475614602
n8n | Starting migration AddTimestampsToRoleAndRoleIndexes1756906557570
n8n | Finished migration AddTimestampsToRoleAndRoleIndexes1756906557570
n8n | Starting migration AddAudienceColumnToApiKeys1758731786132
n8n | Finished migration AddAudienceColumnToApiKeys1758731786132
n8n | Starting migration AddProjectIdToVariableTable1758794506893
n8n | Finished migration AddProjectIdToVariableTable1758794506893
n8n | Starting migration ChangeValueTypesForInsights1759399811000
n8n | Finished migration ChangeValueTypesForInsights1759399811000
n8n | Starting migration CreateChatHubTables1760019379982
n8n | Finished migration CreateChatHubTables1760019379982
n8n | Starting migration CreateChatHubAgentTable1760020000000
n8n | Finished migration CreateChatHubAgentTable1760020000000
n8n | Starting migration UniqueRoleNames1760020838000
n8n | Finished migration UniqueRoleNames1760020838000
n8n | Starting migration CreateOAuthEntities1760116750277
n8n | Finished migration CreateOAuthEntities1760116750277
n8n | Starting migration CreateWorkflowDependencyTable1760314000000
n8n | Finished migration CreateWorkflowDependencyTable1760314000000
n8n | Starting migration DropUnusedChatHubColumns1760965142113
n8n | Finished migration DropUnusedChatHubColumns1760965142113
n8n | Starting migration AddWorkflowVersionColumn1761047826451
n8n | Finished migration AddWorkflowVersionColumn1761047826451
n8n | Starting migration ChangeDependencyInfoToJson1761655473000
n8n | Finished migration ChangeDependencyInfoToJson1761655473000
n8n | Starting migration AddWorkflowDescriptionColumn1762177736257
n8n | Finished migration AddWorkflowDescriptionColumn1762177736257
n8n |
n8n | There are deprecations related to your environment variables. Please take the recommended actions to update your configuration:
n8n |   - DB_SQLITE_POOL_SIZE -> Running SQLite without a pool of read connections is deprecated. Please set 'DB_SQLITE_POOL_SIZE' to a
n8n |     non zero. See: https://docs.n8n.io/hosting/configuration/environment-variables/database/#sqlite
n8n |   - N8N_RUNNERS_ENABLED -> Running n8n without task runners is deprecated. Task runners will be turned on by default in a future
n8n |     set 'N8N_RUNNERS_ENABLED=true' to enable task runners now and avoid potential issues in the future. Learn more: https://docs.n8n.io/host
n8n |     on/task-runners/
n8n |   - N8N_BLOCK_ENV_ACCESS_IN_NODE -> The default value of N8N_BLOCK_ENV_ACCESS_IN_NODE will be changed from false to true in a fut
n8n |     you need to access environment variables from the Code Node or from expressions, please set N8N_BLOCK_ENV_ACCESS_IN_NODE=false. Learn mo
n8n |     s.n8n.io/hosting/configuration/environment-variables/security/
n8n |   - N8N_GIT_NODE_DISABLE_BARE_REPOS -> Support for bare repositories in the Git Node will be removed in a future version due to s
n8n |     s. If you are not using bare repositories in the Git Node, please set N8N_GIT_NODE_DISABLE_BARE_REPOS=true. Learn more: https://docs.n8n.
n8n |     igation/environment-variables/security/
n8n |
n8n | [license SDK] Skipping renewal on init: license cert is not initialized
n8n | Version: 1.120.4
n8n |
n8n | Editor is now accessible via:
n8n | http://localhost:5678
```

# Capítulo 4

## Ejercicio 3

El objetivo del ejercicio 3 es escribir el script de un pipeline de GitHub Actions que despliegue automáticamente su flujo de trabajo. El primer paso es crear un fichero `deploy.yml` para configurar `node.js`, instalar `n8n-cli` y ejecutar el comando `n8n import:workflow`.



```
GNU nano 7.2                                .github/workflows/deploy.yml *
name: Deploy n8n Workflow

on:
  push:
    branches:
      - main
    paths:
      - 'workflow.json' # Solo ejecuta el pipeline si cambia el workflow

jobs:
  deploy:
    runs-on: ubuntu-latest

    steps:
      - name: Checkout repository
        uses: actions/checkout@v3

      - name: Setup Node.js
        uses: actions/setup-node@v3
        with:
          node-version: '18'

      - name: Install n8n-cli
        run: npm install -g n8n-cli

      - name: Deploy workflow to n8n
        env:
          N8N_HOST: ${ secrets.N8N_PROD_HOST }
          N8N_API_KEY: ${ secrets.N8N_PROD_API_KEY }
        run: |
          echo "Desplegando workflow a n8n..."
          n8n import:workflow --file=workflow.json --id=1
          echo "Deploy completado"
```

¿Guardar el búfer modificado?

S Sí  
N No

Cancelar

El siguiente paso es crear las variables secrets de GitHub.

The screenshot shows the GitHub 'Secrets and variables' page for a repository. The left sidebar contains a navigation menu with categories: General, Access, Collaborators, Code and automation (with sub-items: Branches, Tags, Rules, Actions, Models, Webhooks, Copilot, Environments, Codespaces, Pages), Security (with sub-items: Advanced Security, Deploy keys, Secrets and variables), and Integrations (with sub-items: GitHub Apps, Email notifications). The 'Secrets and variables' section is active. The main content area is titled 'Actions secrets and variables' and includes an introductory paragraph about secrets and variables. Below this, there are tabs for 'Secrets' and 'Variables'. The 'Environment secrets' section shows a message: 'This environment has no secrets.' with a 'Manage environment secrets' button. The 'Repository secrets' section has a 'New repository secret' button and a table listing existing secrets.

Name	Last updated
N8N_PROD_API_KEY	now
N8N_PROD_HOST	now

Por último, se añade el fichero deploy.yml a Github y se modifica el workflow.json para que se use Pipeline.

The screenshot shows a terminal window with the following commands and output:

```
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/n8n-deploy$ git add .github/workflows/deploy.yml
git commit -m "Agrego pipeline de deploy CI/CD"
git push origin main
[main 78fcfb4] Agrego pipeline de deploy CI/CD
1 file changed, 33 insertions(+)
 create mode 100644 .github/workflows/deploy.yml
Enumerando objetos: 6, listo.
Contando objetos: 100% (6/6), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (5/5), 811 bytes | 405.00 KiB/s, listo.
Total 5 (delta 0), reusados 0 (delta 0), pack-reusados 0
To https://github.com/jaimeparra2402/n8n-deploy.git
7efd8bc..78fcfb4 main -> main
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/n8n-deploy$ ls
docker-compose.yml  EJERG 8.1.json
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/n8n-deploy$ nano EJERG\ 8.1.json
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/n8n-deploy$ git add EJERG\ 8.1.json
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/n8n-deploy$ git commit -m "Pruebo CI/CD"
[main 4d2cbf9] Pruebo CI/CD
1 file changed, 1 insertion(+), 1 deletion(-)
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/n8n-deploy$ git push origin main
Enumerando objetos: 5, listo.
Contando objetos: 100% (5/5), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (3/3), 354 bytes | 354.00 KiB/s, listo.
Total 3 (delta 1), reusados 0 (delta 0), pack-reusados 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/jaimeparra2402/n8n-deploy.git
78fcfb4..4d2cbf9 main -> main
jaime@jaime-Modern-15-H-C13M:~/Escritorio/MASTER/INTEGRACION DE TECNOLOGIAS/PRACTICAS/n8n-deploy$
```