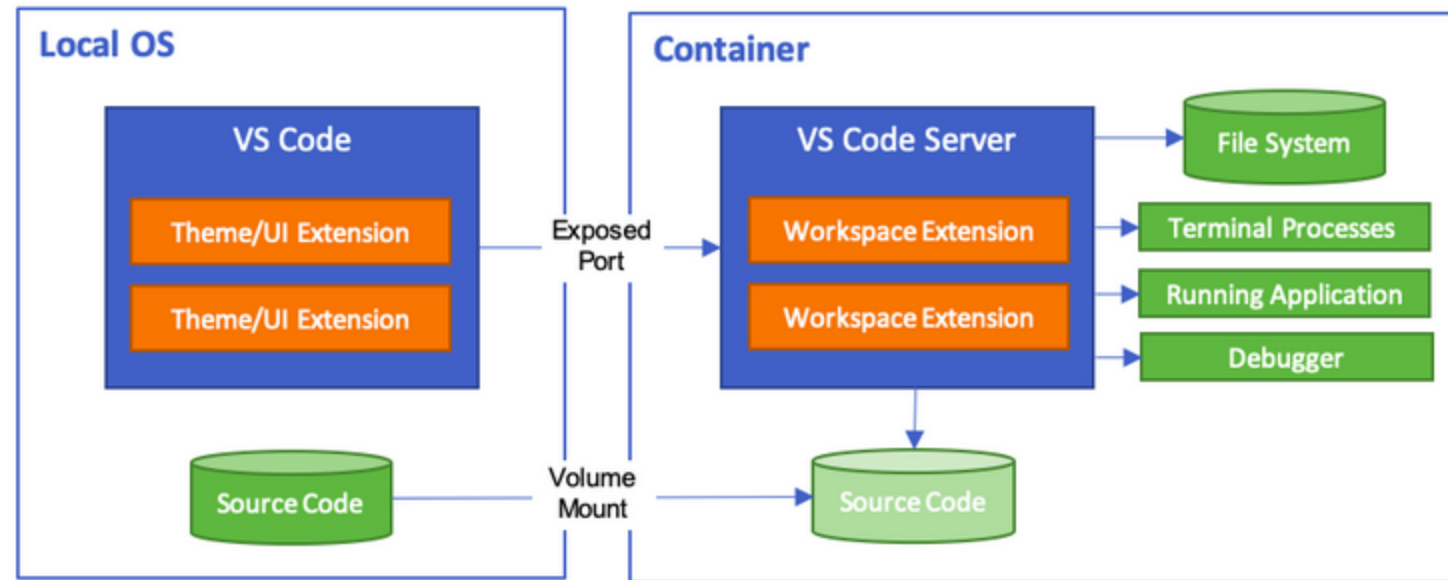


# Entorno de desarrollo con contenedores en vscode

- La extensión Visual Studio Code Remote - Containers permite usar un contenedor docker como entorno de desarrollo.



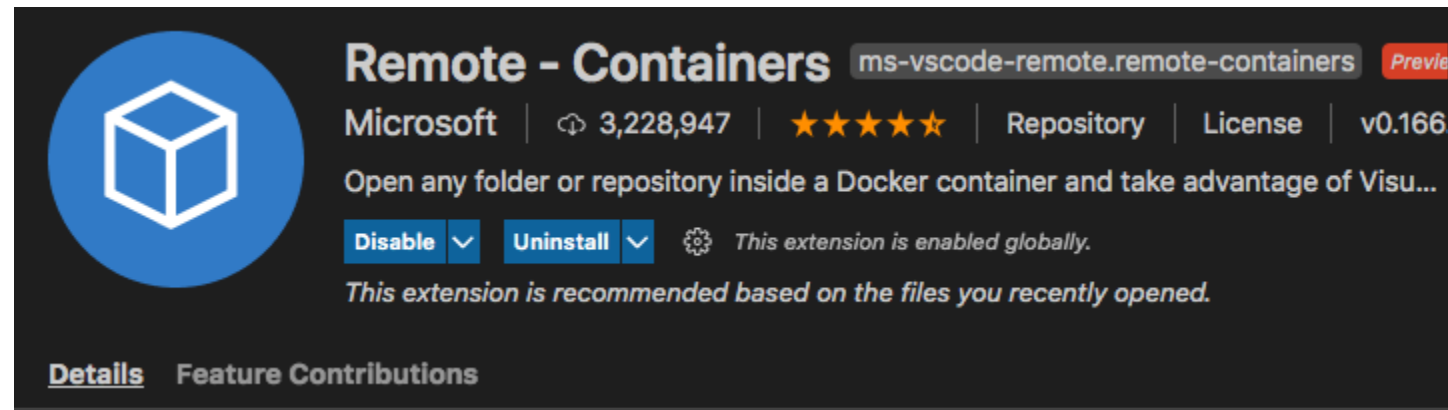
- Es parecido a la extensión Remote SSH.

# Ejemplo

- Un fichero con nombre: `devcontainer.json` en la carpeta `.vscode` permite la configuración de todo el entorno.
- Puedes ver un ejemplo en la carpeta `ejemplo_dev_container`.

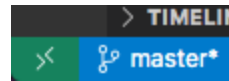
# Ejemplo

- Abrir la carpeta en vscode.
- Instalar la extensión remote containers.

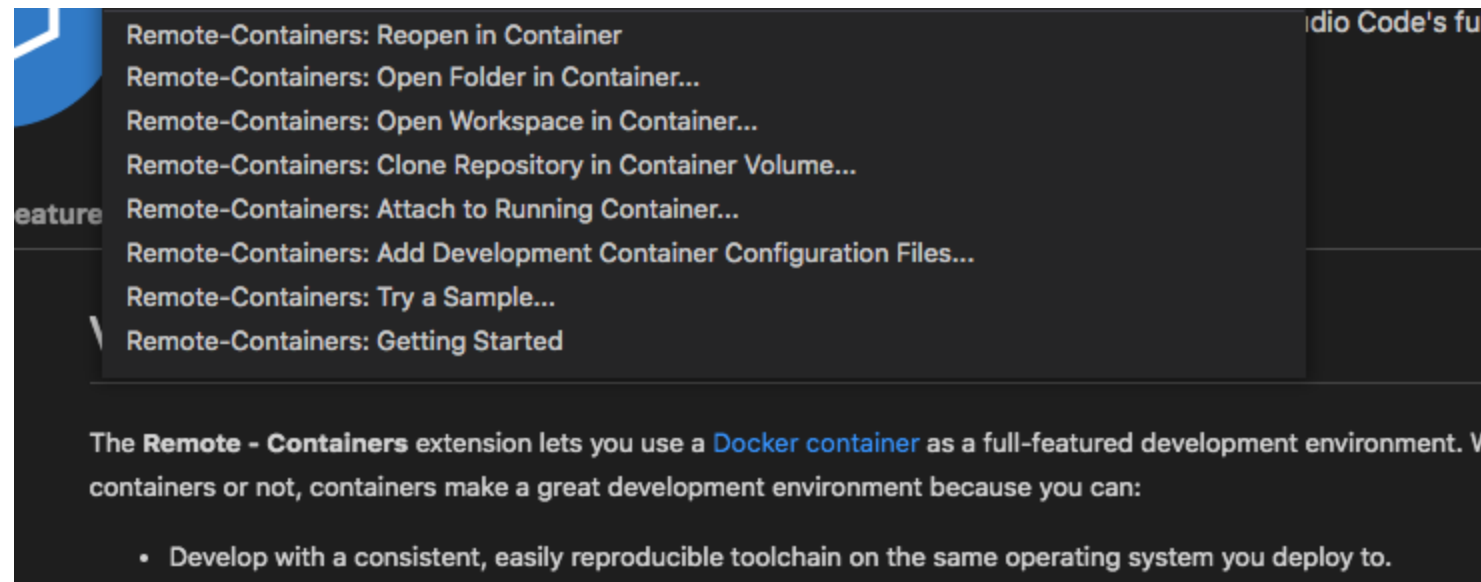


# Ejemplo

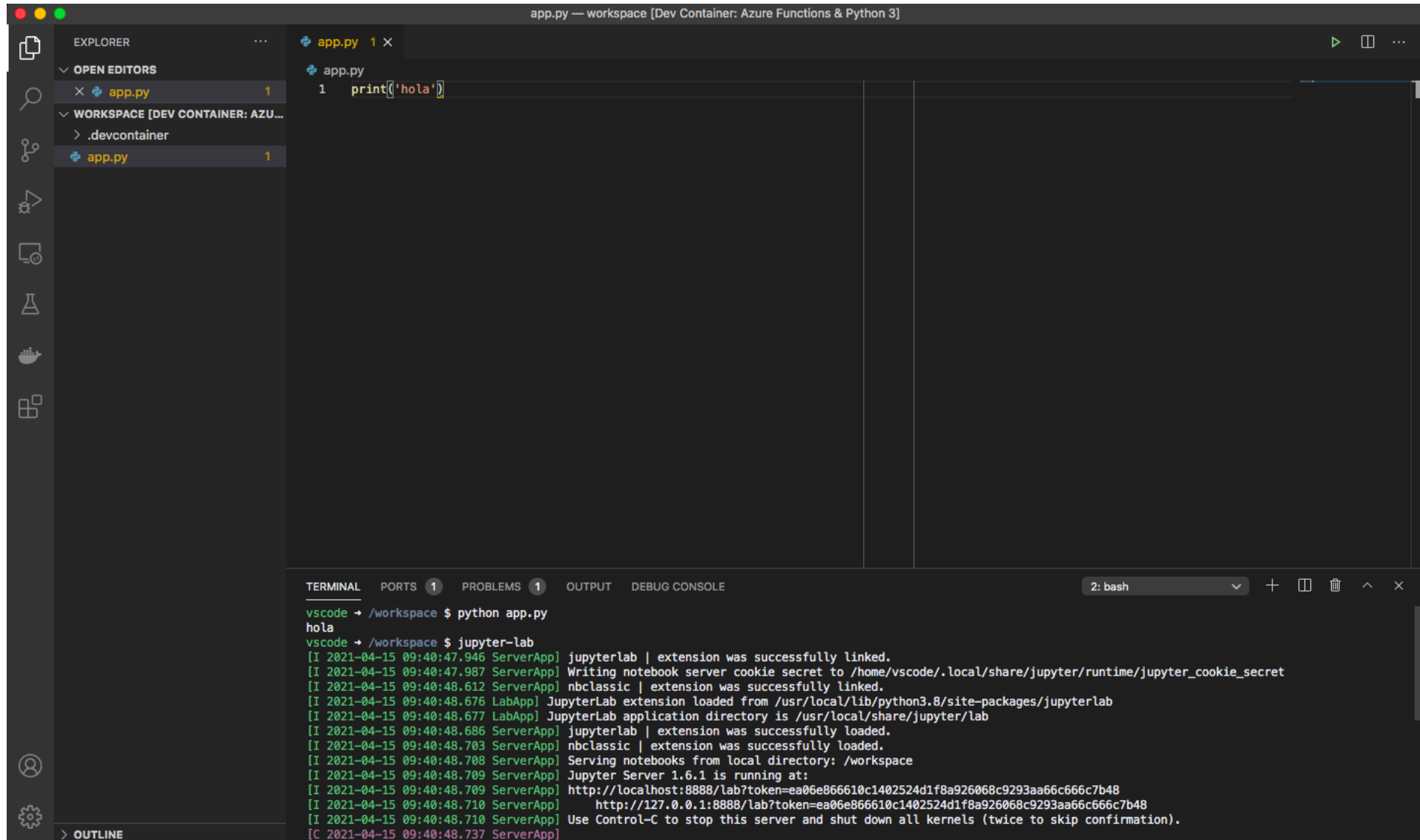
- Pulsar el boton verde:



- Seleccionar la opción: open in remote container.



- Una vez construida la imagen el vscode estará integrado dentro de nuestro contenedor de desarrollo.



```
app.py — workspace [Dev Container: Azure Functions & Python 3]

EXPLORER
  OPEN EDITORS
    app.py 1
  WORKSPACE [DEV CONTAINER: AZU...]
    .devcontainer
    app.py 1

app.py
1 print('hola')

TERMINAL
vscode → /workspace $ python app.py
hola
vscode → /workspace $ jupyter-lab
[I 2021-04-15 09:40:47.946 ServerApp] jupyterlab | extension was successfully linked.
[I 2021-04-15 09:40:47.987 ServerApp] Writing notebook server cookie secret to /home/vscode/.local/share/jupyter/runtime/jupyter_cookie_secret
[I 2021-04-15 09:40:48.612 ServerApp] nbclassic | extension was successfully linked.
[I 2021-04-15 09:40:48.676 LabApp] JupyterLab extension loaded from /usr/local/lib/python3.8/site-packages/jupyterlab
[I 2021-04-15 09:40:48.677 LabApp] JupyterLab application directory is /usr/local/share/jupyter/lab
[I 2021-04-15 09:40:48.686 ServerApp] jupyterlab | extension was successfully loaded.
[I 2021-04-15 09:40:48.703 ServerApp] nbclassic | extension was successfully loaded.
[I 2021-04-15 09:40:48.708 ServerApp] Serving notebooks from local directory: /workspace
[I 2021-04-15 09:40:48.709 ServerApp] Jupyter Server 1.6.1 is running at:
[I 2021-04-15 09:40:48.709 ServerApp] http://localhost:8888/lab?token=ea06e866610c1402524d1f8a926068c9293aa66c666c7b48
[I 2021-04-15 09:40:48.710 ServerApp] http://127.0.0.1:8888/lab?token=ea06e866610c1402524d1f8a926068c9293aa66c666c7b48
[I 2021-04-15 09:40:48.710 ServerApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 2021-04-15 09:40:48.737 ServerApp]
```