

# Python Version Compatibility Issues



```
#14 [10/11] RUN poetry install --only main
#14 2.527 The currently activated Python version 3.9.20 is not supported by the project (3.9.19).
#14 2.527 Trying to find and use a compatible version.
#14 3.235
#14 3.235 Poetry was unable to find a compatible version. If you have one, you can explicitly use it
via the "env use" command.
#14 ERROR: process "/bin/sh -c poetry install --only main" did not complete successfully: exit code:
1
```



The error you're encountering suggests that the version of Python (3.9.20) currently active in your environment is not supported by the project, which is explicitly looking for version 3.9.19. To resolve this, here are a few approaches you can try:

## 1. Specify the Correct Python Version

You can manually tell `poetry` to use the correct Python version (3.9.19) by adding this step to your Dockerfile or build process:

```
bash
```

```
RUN poetry env use 3.9.19
```

This command ensures `poetry` activates the correct Python environment version during the build process.

## 2. Adjust the Dockerfile to Install the Correct Python Version

If the Dockerfile does not have the correct Python version installed, update it to ensure Python 3.9.19 is installed. Here's an example of what you might need to add before the `poetry install` step:

```
bash
```

```
RUN apt-get update && apt-get install -y python3.9=3.9.19*
```

This ensures the correct version of Python is available.

## 3. Update the `pyproject.toml` to Accept Python 3.9.20

If you are okay with using Python 3.9.20, you can modify your `pyproject.toml` file to allow this version of Python by changing the `python` version specification:

```
toml
```

```
[tool.poetry.dependencies]
python = "^3.9" # This will allow 3.9.x versions including 3.9.20
```

This will allow `poetry` to use Python 3.9.20.

## 4. Manually Downgrade Python in the Docker Container

If the issue is related to a global Python version that is incompatible, you can explicitly install and use Python 3.9.19 before the `poetry install` command:

```
bash
```

```
RUN apt-get install -y python3.9=3.9.19*
```

Then, rerun the build process to ensure the correct Python version is used.  
Let me know how it goes!

ChatGPT can make mistakes. Check important info.