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## Virtual environments

virtual environments a good practice when developing with the language?

Select the correct alternatives:



The practice of creating files `requirements.txt` within virtual environments ends up streamlining the replication of the same project environment on different machines.



Anyone can replicate a project that contains a file `requirements.txt` by simply creating a virtual environment and using the command `pip install -r requirements.txt`. All packages contained in the file will be installed. To learn more about virtual environments, access this article: [Virtual environments in Python](#).

**B**

Virtual environments are the only way to install project-specific libraries.

**C**

Virtual environments communicate with the main Python package directory



installed on your machine, ensuring that the packages in the environment and the directory do not conflict.

**D**

Virtual environments offer specific environments for each project, so they are visually more organized.



The use of virtual environments ends up avoiding conflicts between versions of packages used in different projects.



The virtual environment ends up providing an environment isolated from any other project being developed. This way, each environment can have an installed version of the same package/library/extension without conflicts. To learn more about virtual environments, access this article: [Virtual environments in Python](#).

**NEXT ACTIVITY**