**Sharing your Conda Environment**

There may come a time where you want to share the contents of your Conda environment.

This could be to share a project workflow with a colleague or with someone else who's trying to set up their system to have access to the same tools as yours.

There a couple of ways to do this:

1. Share your entire project folder (including the environment folder containing all of your Conda packages).

2. Share a .yml (pronounced YAM-L) file of your Conda environment.

The benefit of 1 is it's a very simple setup, share the folder, activate the environment, run the code. However, an environment folder can be quite a large file to share.

That's where 2 comes in. A .yml is basically a text file with instructions to tell Conda how to set up an environment.

For example, to export the environment we created earlier at /Users/daniel/Desktop/project\_1/env as a YAML file called environment.yml we can use the command:

conda env export --prefix /Users/daniel/Desktop/project\_1/env > environment.yml

After running the export command, we can see our new .yml file stored as environment.yml.

A sample .yml file might look like the following:

name: my\_ml\_env

dependencies:

- numpy

- pandas

- scikit-learn

- jupyter

- matplotlib

Of course, your actual file will depend on the packages you've installed in your environment.

For more on sharing an environment, check out the [Conda documentation on sharing environments](https://docs.conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html#sharing-an-environment).

Finally, to create an environment called env\_from\_file from a .yml file called environment.yml, you can run the command:

conda env create --file environment.yml --name env\_from\_file

For more on creating an environment from a .yml file, check out the [Conda documentation on creating an environment from a .yml file](https://docs.conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html#creating-an-environment-from-an-environment-yml-file).

PS Thank you to Konstantin for pointing this out.

[Conda Documentation](https://docs.conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html#sharing-an-environment)