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Mission:

Build Python data science environment from USB key

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Assumption: you know what platform you will deploy the environment on

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Step 0: run the prep steps on the target platform (Docker container FTW)

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Step 1: install Python with custom Miniconda

Conda Constructor

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`construct.yaml`

Similar to environment.yml

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Result: a Python & goodies installer

Look ma no root needed!

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Step 2: wheel packages you can only get from PyPI

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Have `requirements.txt` From the env made by Conda Constructor:

```
pip wheel -w my_wheels \
  -r requirements.txt
```

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Step 3: put

`my_conda.sh`

`my_wheels/`

`requirements.txt`

on your USB key

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Hike up the mountain
It's deploy time!

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```
sh /media/usbkey/my_conda.sh
# Let it conda init, then restart shell
pip install --no-index --find-links \
    /media/usbkey/my_wheels \
    -r /media/usbkey/requirements.txt
```

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And then just code away 🙌

Don't forget the 🌂
It's not called Mt. Sunnier