



# AUTOMATED PRODUCTION of AIR QUALITY FORECASTS with PANGEO, PAPERMILL and KRONTAB

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### **TALK MAP**

- Introductions
- Air Quality Forecasts
- Technologies
- Automated Production































#### Interactive monitoring networks map

Use the interactive map below to explore different UK monitoring networks. The map shows the current sites within the network selected. Information about the selected network is shown below the map.





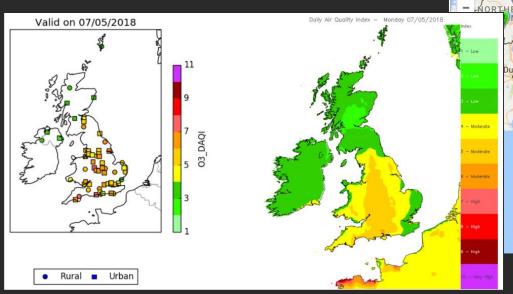




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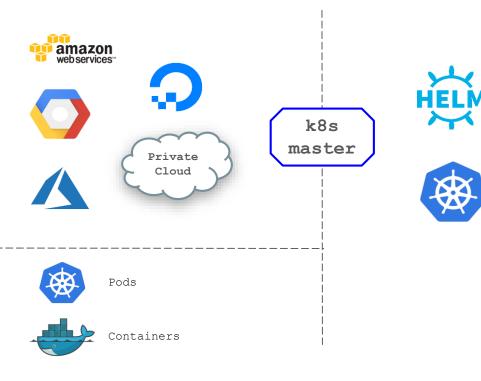




## PANGEO











































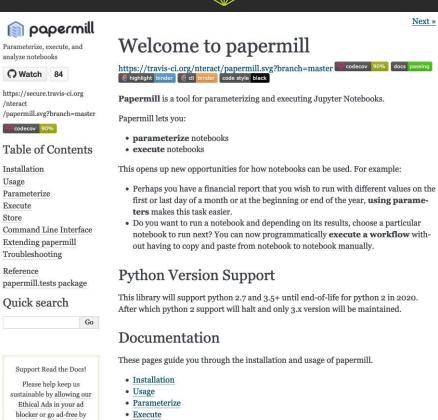
# papermill







Next »



subscribing.

Thank you!

Store

· Command Line Interface

 Extending papermill Troubleshooting





## krontab Ø





### krontab

build passing release v0.1.6

A crontab replacement for Kubernetes.

Create CronJob resources on your Kubernetes cluster in the same way you would on your \*nix system. Krontab works by constructing a virtual crontab file from your CronJob resources and communicating changes back to the Kubernetes API. You can create more complex and customised jobs with custom templates and trigger your jobs manually any time from the command line.

Example crontab:

```
$ krontab -l
# template: default
0 1 * * * echo hello # name: test
```

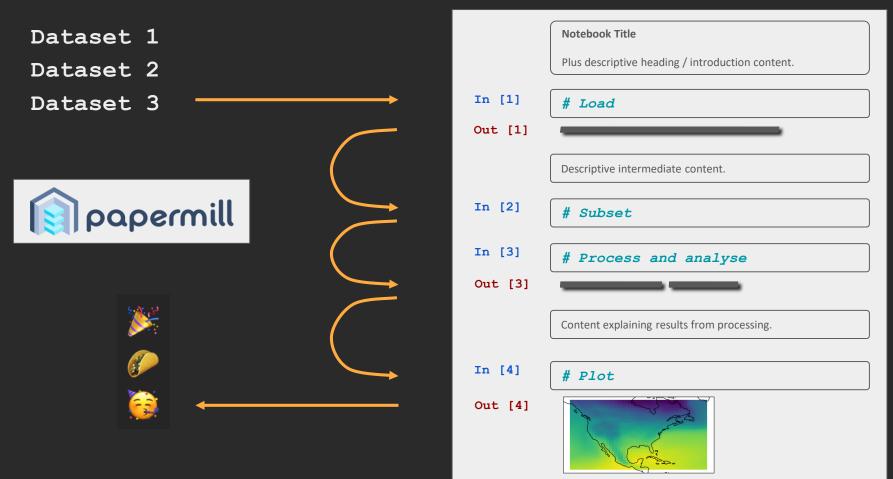






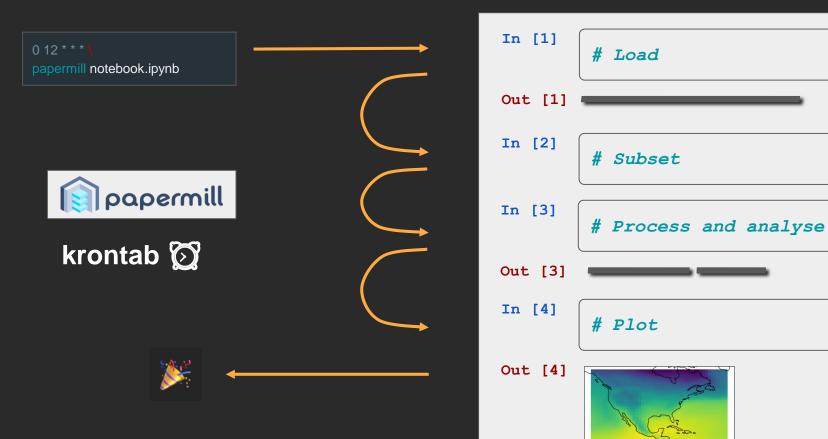
















## DEMO TIME





### AUTOMATION BENEFITS





### **RECAP**

- Introductions
- Air Quality Forecasts
- Technologies
- Automated Production





## ANY QUESTIONS?

Anything else? Get in touch: