

AFNI Makes Group Templates Quickly & Easily!

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In AFNI, use `make_template_dask.py` to combine groups of subjects into a new template

Easy to Use!
Just give it NIFTI or AFNI format datasets and a starting base template

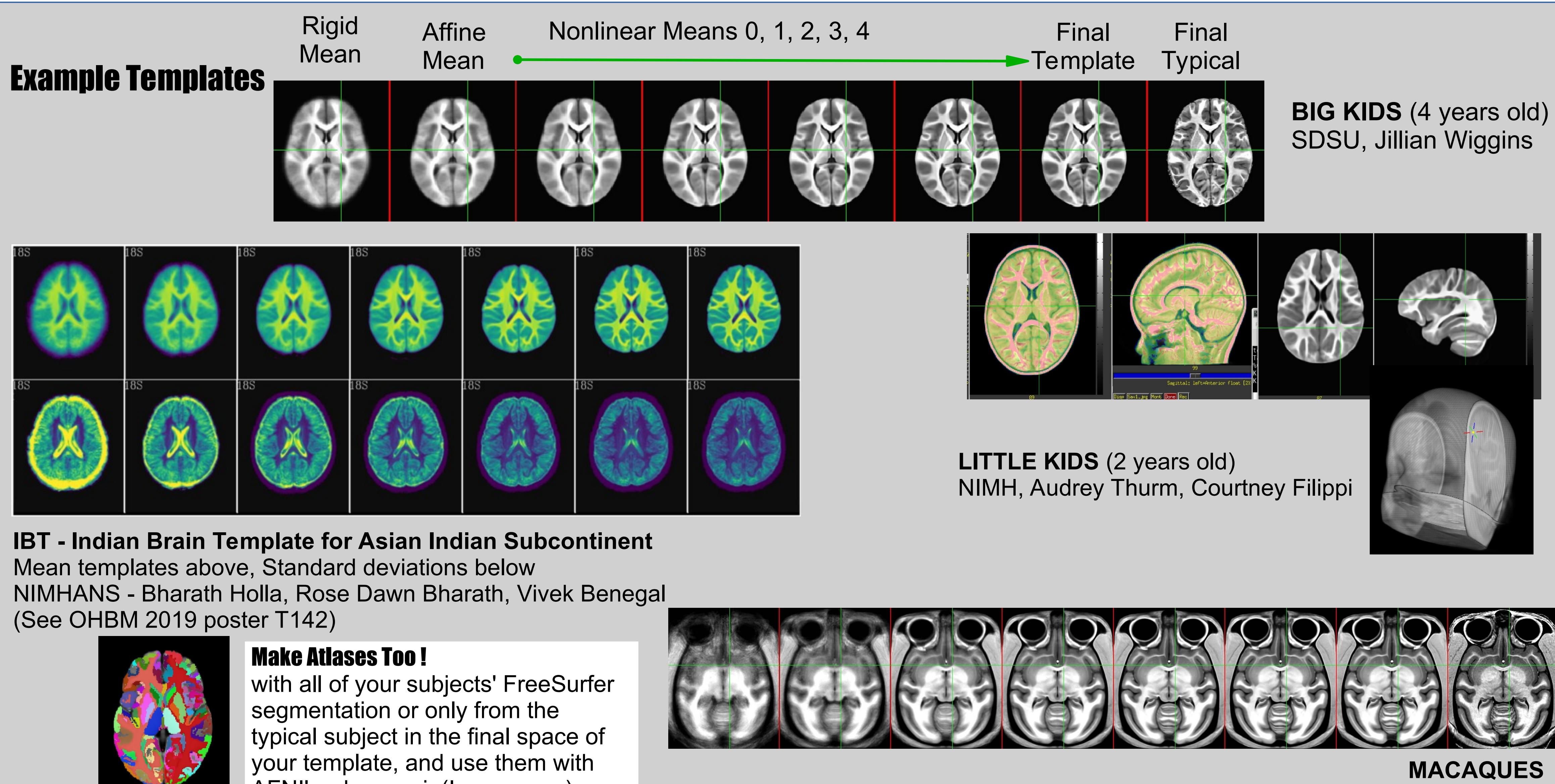
One (brain) for All!

Fast to Run!
Dask parallelizes on desktops and clusters!
Run 30 subjects, 100's of subjects or 1000's.

Flexible options!
Options to skullstrip or not, upsample and find a typical subject

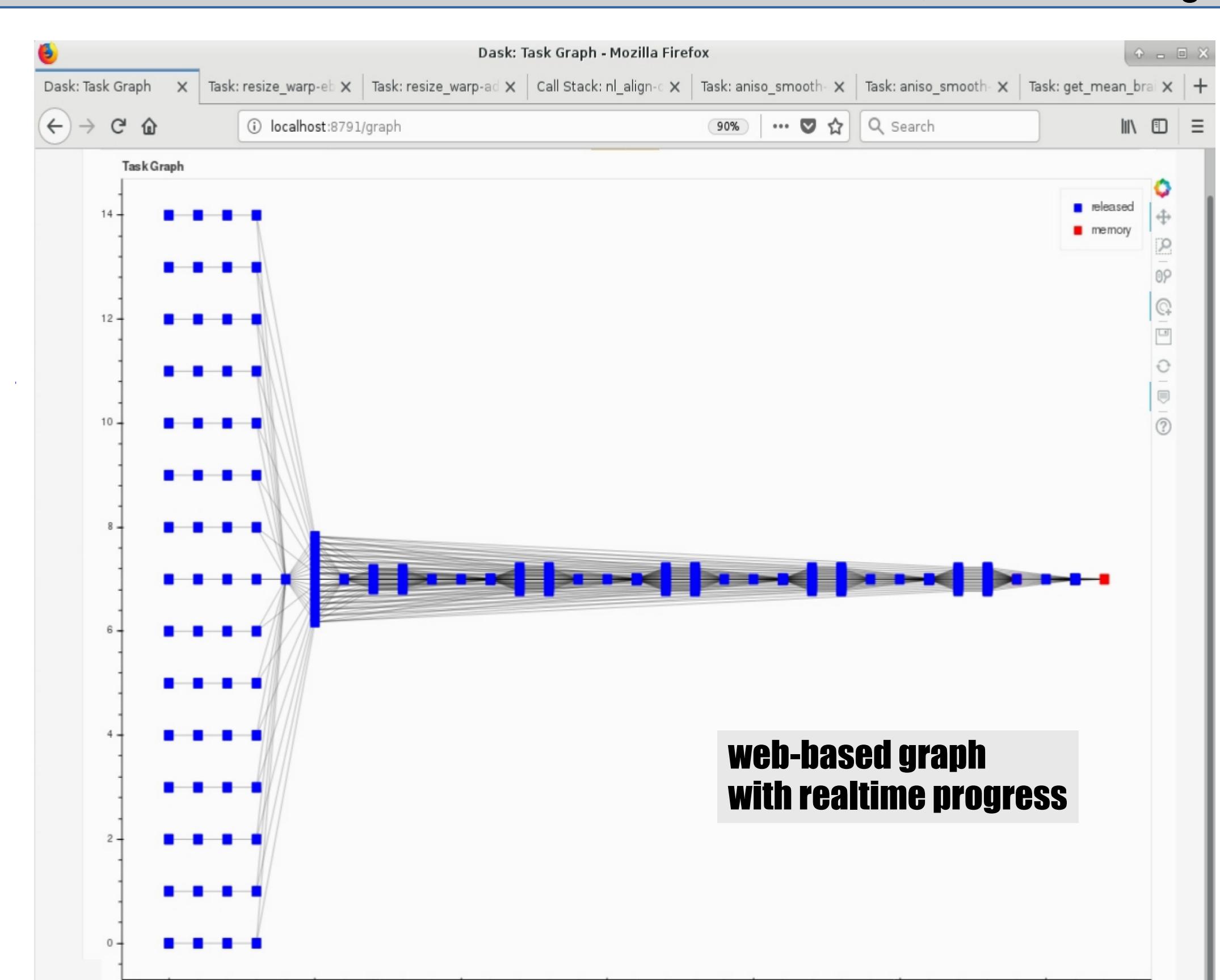
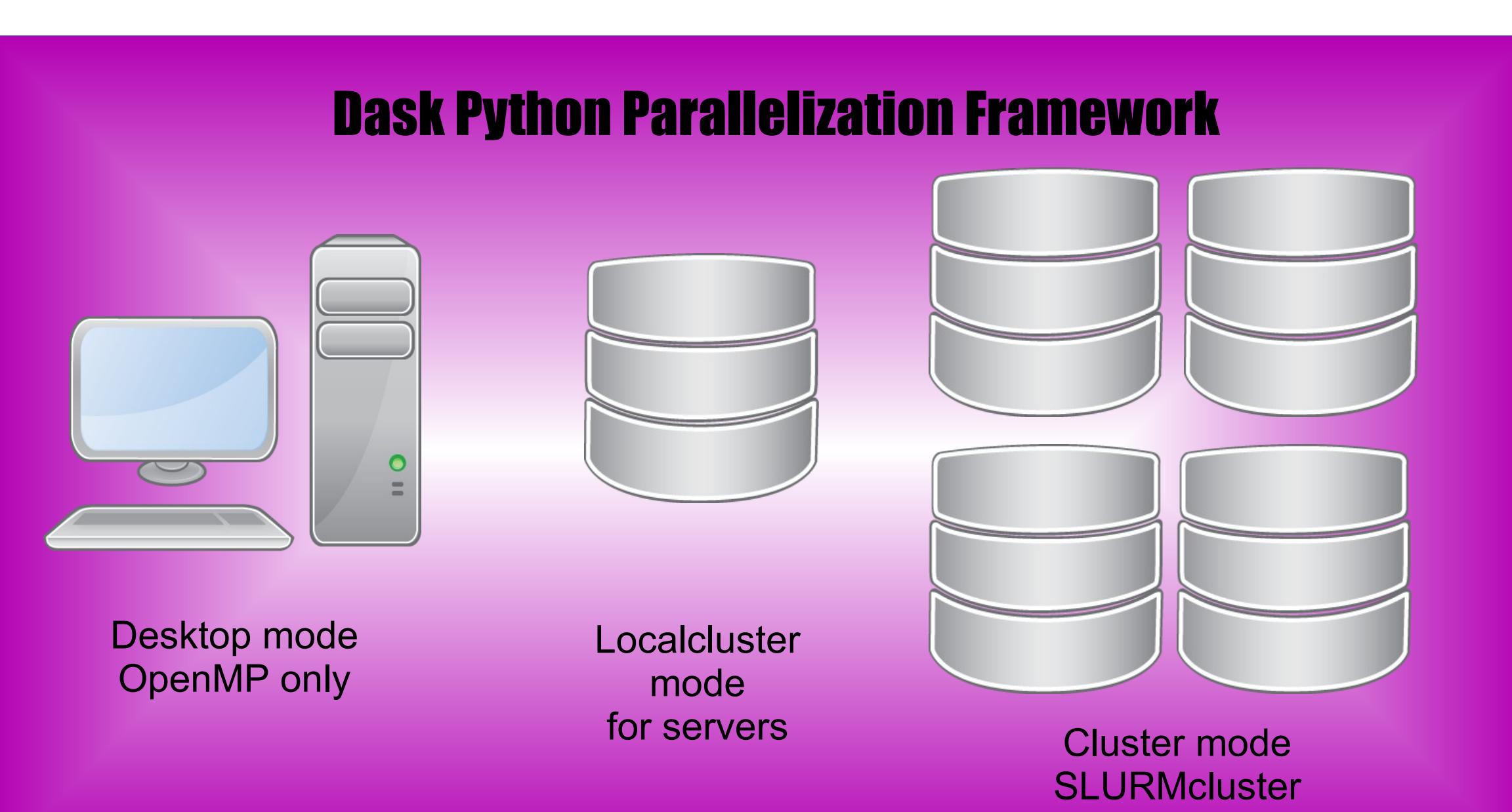
All (brains) for One!

Detailed templates and improved analysis!!!
Templates for your data!
Match your population better and improves correspondence across subjects!



USAGE

```
make_template_dask.py -ok_to_exist -dsets mydata/*.nii.gz \
-init-base oldtemplate.nii.gz -final_space MyDataSpace
```



Graph flowchart automatically generated by Dask

References

[1] Cox RW. 1996. Comput Biomed Res 29:162-173

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See these software demos (Wed, 12:45-14:45):

+ 4590 on the AFNI QC interface, by PA Taylor

+ 3114 on afni_proc.py, by RW Cox

See poster W470 on afni_proc.py, by RW Cox