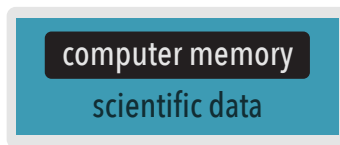


If your research is being slowed down by having to wait long times for the computational portion, could one of the following apply to you?

**TOO MUCH DATA**

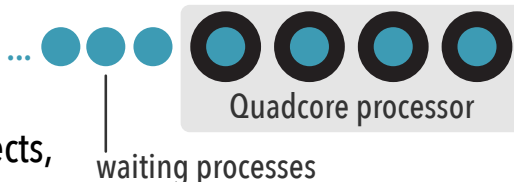
Is the data on which you are operating larger than your computer's memory?



*e.g. 20Gb data set on 8Gb computer memory*

**TOO MANY PROCESSES**

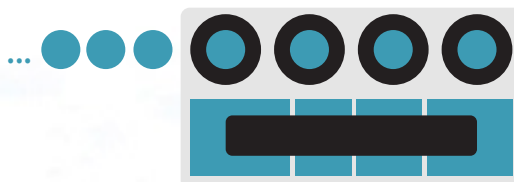
Are you running the same process on many data objects, or many processing stages on the same data object?



*e.g. many stages of image processing and/or many images*

**TOO MUCH EVERYTHING**

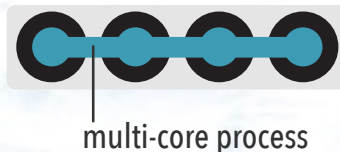
Do you have both too much data and too many processes/stages?



*e.g. both of the above*

**READY TO SCALE UP**

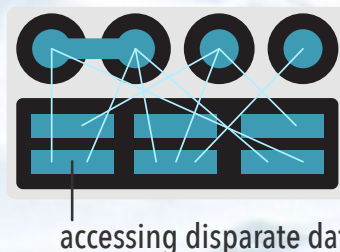
Is your code very complex, but (potentially) written to automatically scale to more processors?



*e.g. written with SciPy, NumPy, Julia, Matlab, R, Fortran, C...*

**HERE, THERE AND EVERYWHERE**

Does your complex code require many different pieces of data at the same time?



*e.g. simulation with boundary conditions*

**STILL NOT SURE?**

A simple place to start is to ask, Is your application using most or all of your computer's memory and/or processors?

If so, it is likely this workshop-hackathon could help you speed up the computational component of your research, using language and terminology you understand.

**Polar Workshop-Hackathon**

1-4 August 2017  
Stony Brook NY

