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On LAPACK and BLAS: Numerical Linear Algebra
1 message

Numerical Linear Algebra <notifications@instructure.com>   Tue, Mar 9, 2021 at 11:16 AM
Reply-To: reply+91e201278cd3385e-9270~78315188-1615317359@notifications.canvaslms.com
To: dlee79@ucsc.edu

Hi all,

Your final project requires you to use Lapack. It is quite likely that many of you already
have these libraries present on your machine, while others will need to install them. If
you have a Mac, then you likely don't need to do anything. Most of the numerical
packages in python depend on these libraries as well, so you may have them just by
chance. For linux (and therefore WSL) users you can install them through whatever
package manager your distribution uses. I believe WSL relies on Ubuntu, so in that
case you would use:

sudo apt install libblas-dev liblapack-dev

For other distributions you can search up the right installation command fairly easily
(through pacman, yum, dnf, whatever).

              Learning the quirks of using external libraries is not
something you want to be doing last minute.

Cheers,

Ian

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