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# Python, Perl, and R on Odyssey

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## Python

Use `Anaconda` to get most of the packages you need

Use `pip freeze` to see what packages are installed

Use `conda create` to make a local clone

Use `pip install` to install a package

Use `python setup.py` to install a package





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R

Load `R_packages` to get most of the packages you need

Use `library()` to see what packages are installed

Set `R_LIBS_USER` for local package installation

Use `install.packages()` and R CMD INSTALL to install a package



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## Perl

Load perl-modules to get most of the packages you need

Use `perldoc perllocal` to see what packages are installed

Check for a specific package with `perl -e 'use package;'`

Set `PERL5LIB`, `PERL_MM_OPT`, `PERL_MP_OPT` for local package installation

Use `perl Makefile.PL` and `cpan` to install packages