NumUtils on HPC

What is NumUtils?

The 'num-utils' are a collection of command-line utilities for working with numerical data on Unix-like operating systems. They are designed to be used in a similar way to other popular Unix command-line utilities such as grep, awk, sort, and cut. The numutils package provides a set of tools that can be used to perform various tasks related to numerical data, such as calculating statistics, sorting and filtering data, and converting between different data formats.

Links:

Package Info

Versions Available:

The following versions are available on the cluster:

• num-utils 0.5

How to load NumUtils?

To load NumUtils , use the following commands:

#Load the numutils module
module load math/num-utils

How to use NumUtils?

Following binary executable are available in this package,

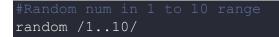
* average: A program for calculating the average of numbers. * bound: Finds the boundary numbers (min and max) of input. * interval: Shows the numeric intervals between each number in a sequence. * normalize: Normalizes a set of numbers between 0 and 1 by default. * numgrep: Like normal grep, but for sets of numbers. * numprocess: Do mathematical operations on numbers. * numsum: Add up all the numbers. * random: Generate a random number from a given expression. * range: Generate a set of numbers in a range expression.

* round: Round each number according to its value.

To look at the manual for any command, use the man command:

#See the manual | press q to exit
man average

To use random, just use



Where to find help?

If you are confused or need help at any point, please contact OIT at the following address.

https://ua-app01.ua.edu/researchComputingPortal/public/oitHelp