NAME

ompi-top, orte-top − Diagnostic to provide process info similar to the popular "top" program.

NOTE: *ompi-top*, and *orte-top* are exact synonyms for each other. Using any of the names will result in exactly identical behavior.

SYNOPSIS

ompi-top [options]

Options

ompi-top collects and displays process information in a manner similar to that of the popular "top" program.

-h | --help   Display help for this command

-pid | --pid <value>

The pid of the mpirun whose processes you want information about, or the name of the file (specified as file:filename) that contains that info. Note that the ompi-top command must be executed on the same node as mpirun to use this option.

-uri | --uri <value>

Specify the URI of the mpirun whose processes you want information about, or the name of the file (specified as file:filename) that contains that info. Note that the ompi-top command does not have to be executed on the same node as mpirun to use this option.

-rank | --rank <value>

The rank of the processes to be monitored. This can consist of a single rank, or a comma-separated list of ranks. These can include rank ranges separated by a '-'. If this option is not provided, or a value of -1 is given, ompi-top will default to displaying information on all ranks.

-bynode | --bynode

Display the results grouped by node, with each node's processes reported in rank order. If this option is not provided, ompi-top will default to displaying all results in rank order.

-update-rate | --update-rate <value>

The time (in seconds) between updates of the displayed information. If this option is not provided, ompi-top will default to executing only once.

-timestamp | --timestamp

Provide an approximate time when each sample was taken. This time is approximate as it only shows the time when the sample command was issued.

-log-file | --log-file <value>

Log the results to the specified file instead of displaying them to stdout.

DESCRIPTION

ompi-top collects and displays process information in a manner similar to that of the popular "top" program. It doesn't do the fancy screen display, but does allow you to monitor available process information (to the limits of the underlying operating system) of processes irrespective of their location.

SEE ALSO