

# Hslot

#FORMAT plain hslot(1) HADOOP hslot(1)

## NAME

hslot - Set the maximum number of tasks that can be run at the same time on a specified host on the fly

## SYNOPSIS

hslot [-h] [-jt jt1;jt2..] HOSTNAME SLOTNUMBER

## DESCRIPTION

hslot set the [TaskTracker](#)'s (specified by HOSTNAME) maximum available slot. With this commands, users can change the currently running task numbers dynamically. So the job can get a better performance.

For example, if the max increased, the tasktracker will be able to get new tasks. But to increase the SLOTNUMBER to a big number is insane.

For tasktracker that is closed, it's behaved as before.

For [TaskTracker](#) that is open, There are two situations:

A: Increase the slot:

[TaskTracker](#) will be able to accept new task, the number is MAX - CURRENT\_RUNNING.

B: Decrease the slot:

Tasks currently running will not be affected, after a long run, there will at most MAX tasks running.

-h

Display usage information

-jt jobtracker url link

Specify the cluster by the jobtracker url link, for example.

-jt hostA:3479;hostB:3479 EXAMPLE

% hhosts

HOST STATUS MAX MAP REDUCE FAILURE TMP\_SPACE

c0101 ok 8 0 0 0 203M

c0102 ok 8 0 0 0 553M

% hslot c0102

Host <c0102> Task Slots will be set to <4>, please confirm by hhosts/hload

% hhosts

HOST STATUS MAX MAP REDUCE FAILURE TMP\_SPACE

c0101 ok 8 0 0 0 203M

c0102 ok 4 0 0 0 553M

## AUTHOR

Written by Shuguang Liu

## REPORT BUGS

Report bugs to <honkliu@hotmail.com>

## COPYRIGHT

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## SEE ALSO

hopen(1), hclose(1), hhosts(1), hload(1) hslot (hadoop utils) 13.0 September 2007