

SLURM sacct Cheat Sheet

Flags

FLAG	DESCRIPTION
-u [username]	Only retrieve jobs from [username].
-S [DATETIME]	Only retrieve jobs starting after the given time.
-E [DATETIME]	Only retrieve jobs starting before the given time.
-p	Makes output delimited, useful for writing to files.
-o [field_list]	Fields to place in the output.

Dates and Times

<TIME> (h) h:mm[:ss] [AM|PM]

<DATE> MMDD[YY]

(M) M/ (D) D/YY

(M) M. (D) D.YY

<ISO DATETIME> YYYY-MM-DD [T<TIME>]

Join dates and times using a single dash (-), except with <ISO DATETIME>

DATETIME CODES

YY	2 digit year.	YYYY	4 digit year.
MM	2 digit month.	(M) M	1 or 2 digit month.
DD	2 digit month.	(D) D	1 or 2 digit month.
(h) h	1 or 2 digit hour.		
mm	2 digit minute.		
ss	2 digit second, optional.		
T	Literal character		

EXAMPLES

4/5/20	X	4520	X
04/05/20	OK	040520	OK
04/05/2020	X	04/05/20-6:17:20	OK
04.05.20	OK	2020-04-05T6:17:20	OK

Field Names

FIELD	DESCRIPTION
jobid	SLURM-assigned job ID
jobname	User-assigned job name
state	Current job state
partition	Partition job was run on
req[cpu,gres,mem,nodes]	Requested number of cpus, general resources (gpus), memory, or nodes
alloc[cpu,gres,nodes]	Allocated number of cpu, general resources (gpus), or nodes
maxrss	Maximum resident set size (approximate allocmem)
maxvmsize	Maximum amount of used virtual memory (approximate allocmem)
nodelist	List of nodes where resources were allocated
start, end, elapsed	Human-readable start, end and elapsed times
timelimit	Human-readable amount of time allowed for job