**SLURM** [**sacct**](https://slurm.schedmd.com/sacct.html) **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 | |