

# Moab

## How do we calculate Average Utilized Procs and Average Utilized Memory in showstats?

Average Utilized Procs is calculated as:

$J \rightarrow \text{PSUtilized} / J \rightarrow \text{AWallTime}$

Average Utilized Memory is calculated as:

$J \rightarrow \text{MSUtilized} / J \rightarrow \text{AWallTime}$

Internal definitions:

```
double PSUtilized;    /**< procseconds utilized by job          */
double MSUtilized;    # Not defined in the code, but by comparison should be
memoryseconds utilized by job
long   AWallTime;     /**< duration job was executing          */
```

Unique solution ID: #1208

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