

NAME

sa1 – Collect and store binary data in the system activity daily data file.

SYNOPSIS

/usr/lib/sysstat/sa1 [**--boot** | *interval count*]

DESCRIPTION

The **sa1** command is a shell procedure variant of the **sadc** command and handles all of the flags and parameters of that command. The **sa1** command collects and stores binary data in the current standard system activity daily data file.

The standard system activity daily data file is named *saDD* unless **sadc**'s option **-D** is used, in which case its name is *saYYYYMMDD*, where YYYY stands for the current year, MM for the current month and DD for the current day. By default it is located in the */var/log/sysstat* directory.

The *interval* and *count* parameters specify that the record should be written *count* times at *interval* seconds. If no arguments are given to **sa1** then a single record is written.

The **sa1** command is designed to be started automatically by the cron command.

OPTIONS

--boot This option tells **sa1** that the **sadc** command should be called without specifying the *interval* and *count* parameters in order to insert a dummy record, marking the time when the counters restart from 0.

EXAMPLE

To collect data (including those from disks) every 10 minutes, place the following entry in your root crontab file:

```
0,10,20,30,40,50 * * * * /usr/lib/sysstat/sa1 1 1 -S DISK
```

Debian note

The Debian sysstat package has already placed such an entry in your system crontab. Please refer to the */usr/share/doc/sysstat/README.Debian* file for details.

FILES

/var/log/sysstat/saDD

/var/log/sysstat/saYYYYMMDD

The standard system activity daily data files and their default location. YYYY stands for the current year, MM for the current month and DD for the current day.

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SEE ALSO

sar(1), **sadc**(8), **sa2**(8), **sadf**(1), **sysstat**(5)

<https://github.com/sysstat/sysstat>

<http://pagesperso-orange.fr/sebastien.godard/>