

Finding System Date and Time

This lesson will guide you through getting system date and time in your desired format.

date

Definition:

The `date` command is used to print out or change system time and date.

Syntax:

```
date [+FORMAT]
```

Format:

Format Sequence	Description
%a	The abbreviated weekday name (e.g., Mon).
%A	The full weekday name (e.g., Monday).
%b	The abbreviated month name (e.g., Feb).
%B	The full month name (e.g., February).
%c	The date and time (e.g., Fri Feb 6 21:45:39 2018).
%d	Day of month (e.g., 04).

%D

Day of month (e.g., 01).

%F

Full date; same as %Y-%m-%d.

Example:

- To get system time and date:

```
date
```

```
date
```



- To set system time and date to **July 01, 2018, 03:15 PM**:

```
date -s "07/01/2018 03:15:00"
```

- To get date in the format *year-month-day hour:minute:second* from **date**:

```
date '+%Y-%m-%d %H:%M:%S'
```

```
date '+%Y-%m-%d %H:%M:%S'
```



- To get the output in the following format:

```
date '+DATE: %m/%d/%y\nTIME: %H:%M:%S'
```

```
date '+DATE: %m/%d/%y\nTIME: %H:%M:%S'
```



