

NAME

cnvtime, gtime — convert string to internal time

SYNOPSIS

```
#include <sys/types.h>
```

```
time_t cnvtime (year, month, day, hour, minute, second)
```

```
int year, month, day, hour, minute, second;
```

```
time_t gtime (str)
```

```
char *str;
```

SYNOPSIS

Cnvtime converts a time specified by *year*, *month*, *day*, *hour*, *minuteandsecond* to the system's internal *time_t* form of storing time. *Cnvtime* will correct as required for daylight time and leap years. The time supplied as input must be a local time.

Gtime will also return a *time_t* but expects a string as input with the same format as the string supplied to the *date(1)* command. To reiterate the form of the string is **MMddhhmmyy** where **MM** is the month of the year, **dd** is the day of the month, **hh** is the 24 hour hour of the day, **mm** is the minute of the hour, and the optional **yy** is the last two digits of the year. If **yy** is not supplied the current year is assumed.

SEE ALSO

date(1), *ctime(3C)*

DIAGNOSTICS

A -1 is returned if the conversion can not be effected because of an invalid specification.