

# Change the time, date and clock display format programatically using TLocale

Reviewer Approved 

Symbian OS provides the TLocale class to set the system-wide locale settings including time,date and clock. In Symbian OS most applications do not need to change the locale settings; they just use the system setting instead.

## Header Required

```
#include <e32std.h>
```

## Library Needed

```
Library euser.lib
```

## Capability Required

```
Capability WriteDeviceData
```

## Source code:

```
TLocale locale;  
//To set time format  
locale.SetTimeFormat(ETime24);  
//To set date format  
locale.SetDateFormat(EDateJapanese);  
//To set clock format  
locale.SetClockFormat(EClockAnalog);  
locale.Set();
```

**Note:** After TLocale::Set() function has been called, other applications may use the new settings for newly-constructed TLocale objects, or if they use TLocale::Refresh(), to refresh their settings from the system copy.