

Archived:Clock Settings Symbian API

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 Note: This API is not part of the public SDK. It can be found in the [SDK API Plug-in](#).

The Clock Setting APIs are used to retrieve and set the settings information of the Clock Application, such as Clock alarm sound file and Clock alarm snooze time.

Header files

```
#include <clockdomaincrkeys.h>
#include <centralrepository.h> // Headers Used for CRepository
```

Link against

```
LIBRARY centralrepository.lib
```

Capabilities

```
WriteUserData WriteDeviceData
```

```
// We need to Query Central Repository
CRepository* iRepository = CRepository::NewL( KCRUidClockApp );
```

Commonly used instance variables

```
TInt iErrCode;
TInt iVal;
TBuf<200> iDispVal;
```

Code examples

Retrieving the clock alarm sound file:

```
iErrCode = iRepository->Get(KClockAppSoundFile , iDispVal);
if(iErrCode == KErrNone)
{
    iEikonEnv->AlertWin(_L("soundfile"), iDispVal);
}
else
{
    iDispVal.Num(iErrCode) ;
```

```
iEikonEnv->AlertWin(_L("error"), iDispVal);  
}
```

Retrieving clock alarm snooze time:

```
iErrCode = iRepository->Get(KClockAppSnoozeTime , iVal);  
if(iErrCode == KErrNone)  
{  
    iDispVal.Num(iVal) ;  
    iEikonEnv->AlertWin(_L("snoozetime"), iDispVal);  
}  
else  
{  
    iDispVal.Num(iErrCode) ;  
    iEikonEnv->AlertWin(_L("error"), iDispVal);  
}
```

Setting Clock alarm snooze time:

```
iErrCode = iRepository->Get(KClockAppSnoozeTime , iVal);  
if(iErrCode == KErrNone)  
{  
    iRepository->Set(KClockAppSnoozeTime, (iVal+1));  
}  
else  
{  
    iDispVal.Num(iErrCode) ;  
    iEikonEnv->AlertWin(_L("error"), iDispVal);  
}
```