Archived:Calendar Settings Symbian API

Archived: This article is archived because it is not considered relevant for third-party developers creating commercial solutions today. If you think this article is still relevant, let us know by adding the template {{ReviewForRemovalFromArchive|user=~~~~|*write your reason here*}}.

Note: :This API is not part of the public SDK. It can be found in the SDK API Plug-in.

The Calendar Setting APIs are used to retrieve the settings information of the calendar, such as Calendar DefaultAlarmTime, DefaultStartView, WeekViewTitle, SoundFile, DefaultSoundFile, and SnoozeTime.

Header files

```
#include <CalendarinternalCRKeys.h>
#include <centralrepository.h> // for CRepository
```

Link against

```
LIBRARY centralrepository.lib
```

Capabilities

```
WriteUserData WriteDeviceData
```

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

Commonly used instance variables

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

Example code

Retrieving default alarm time in minutes before event starting time:

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

Setting default alarm time in minutes before event starting time:

```
iErrCode =iRepository->Set(KCalendarDefaultAlarmTime,30);
if(iErrCode != KErrNone)
  {
  iDispVal.Num(iErrCode);
  iEikonEnv->AlertWin(_L("error"),iDispVal);
  }
```

Retrieving default starting view for Calendar:

Possible values:0: Month view (default) 1 = Week view 2 = Day view

```
iErrCode = iRepository->Get(KCalendarDefaultStartView, iVal);
if(iErrCode == KErrNone)
  {
  switch(iVal)
    {
    case 0:
```


(C) Copyright Nokia 2013. All rights reserved.

```
          {
          iDispVal.Num(iVal);
          iEikonEnv->AlertWin(_L("monthview"), iDispVal);
          }
          break;
        case 1:
          {
          iDispVal.Num(iVal);
          iEikonEnv->AlertWin(_L("weekview"), iDispVal);
          }
          break;
        default:
          {
          iDispVal.Num(iVal);
          iEikonEnv->AlertWin(_L("dayview"), iDispVal);
          }
          break;
        }
      }
    else
      {
      iDispVal.Num(iErrCode);
      iEikonEnv->AlertWin(_L("error"), iDispVal);
      }
```

Retrieving the Week view title in the Calendar application:

Possible values: 0: Week number (default) 1: Week dates

```
    iErrCode= iRepository->Get(KCalendarWeekViewTitle, iVal);
    if(iErrCode == KErrNone)
      {
      if(iVal == 0)
        {
        iDispVal.Num(iVal);
        iEikonEnv->AlertWin(_L("weeknumbertitle"), iDispVal);
        }
      else
        {
        iDispVal.Num(iVal);
        iEikonEnv->AlertWin(_L("weekdays title"), iDispVal);
        }
      }
    else
      {
      iDispVal.Num(iErrCode);
      iEikonEnv->AlertWin(_L("error"), iDispVal);
      }
```

Retrieving Calendar alarm sound file:

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

Retrieving Calendar alarm snooze time interval in minutes:

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

Setting Calendar alarm snooze time interval in minutes:

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


(C) Copyright Nokia 2013. All rights reserved.

(C) Copyright Nokia 2013. All rights reserved.