Archived:Screensaver 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 Screensaver Settings API is used to retrieve information about the screen saver. The information which can be retrieved is the name of screen saver plug-in module currently in use, type of screen saver object, and screen saver text.

Header files

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

Link against

```
LIBRARY centralrepository.lib
```

```
CRepository* iRepository = CRepository::NewL( KCRUidScreenSaver);
```

Commonly used instance variables

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

Example code

Retrieving the name of screen saver plug-in currently in use:

Note: The string does not contain path information, only the name of plug-in module. This value applies only if `KScreenSaverObject` is set to `EScreensaverTypePlugin`.

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

Retrieving the type of the screen saver object:

Possible values: 0: text 1: time and date (default value) 3: plugin

```
iErrCode = iRepository->Get(KScreenSaverObject ,iVal);
if(iErrCode == KErrNone)
  {
  iDispVal.Num(iVal);
  switch(iVal)
    {
   case 0: iEikonEnv->AlertWin(_L("SStype text"), iDispVal);
     break;
    case 1: iEikonEnv->AlertWin(_L("SStype Date"), iDispVal);
            break;
    case 3: iEikonEnv->AlertWin(_L("SStype plugin"), iDispVal);
           break;
    default:
            break;
    }
  }
else
  {
  iDispVal.Num(iErrCode);
  iEikonEnv->AlertWin(_L("error"), iDispVal);
  }
```

Retrieving screen saver text:

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


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```
    else
      {
      iDispVal.Num(iErrCode);
      iEikonEnv->AlertWin(_L("error"), iDispVal);
      }
```


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