Handle Profile Activation

You can get notifocations for profile activations and handle them inside your applications.

Library Needed:

```
LIBRARY PlatformEnv.lib  //CSettingInfo
```

In Header File

```
#include <settinginfo.h> // CSettingInfo
#include <settinginfoids.h> // CSettingInfo ID's

//Implement MSettingInfoObserver interface

class MyClass:public MSettingInfoObserver
{
/*
 * Notification handler method
 *
 * param aID   is the ID of changed setting
 *
 * param aNewValue  is the new value of the changed setting
 * given as text, and to be (possibly)
 *converted into an integer when needed
 */

void HandleNotificationL( SettingInfo::TSettingID aID,
const TDesC& aNewValue );

private:

CSettingInfo*    iSettings;
}
```

In the CPP File

```
CMyClass::ConstructL()
{
     // Create a new instance of CSettingInfo. All profile
 // non observalbe properties (all except the profile
 // index) are read using this instance

 iSettings = CSettingInfo::NewL(this);

   // Order notifications when profile is changed
 TInt err = iSettings->NotifyChanges(SettingInfo::EActiveProfile);
 if(err != KErrNone)
 {
   // an error occured, show message to user
   //iView->ShowMessageL(KErrOrderingProfileChangeNotifies);

 }
```


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```
}


//==========================================================================
//
//
//
//
//===========================================================================


void CMyClass::HandleNotificationL(SettingInfo::TSettingID aID,
const TDesC& aNewValue )
{
 TInt err(0);
 switch(aID)
 {
 case SettingInfo::EActiveProfile:
  {
   // First, parse the NEW active profile index
   // out from the value string by using TLex
   //TInt profileIdx(iProperties.profileIndex);
   //this->iapp->InForeGround();

   TLex parsed(aNewValue);
   TInt value;

   if ( (err = parsed.Val(value)) == KErrNone )
   {
                            //Parsing successful

                           if(value==0)
                           //"General" Profile is Activated
                           if(value==1)
                           //"Silent" Profile is Activated
                          if(value==2)
                           //"meeting" Profile is Activated
                          if(value==3)
                           //"Outdoor" Profile is Activated
                          if(value==4)
                           //"Pager" Profile is Activated
                          if(value==5)
                           //"Offline" Profile is Activated


   }
   else
   {
    // parsing failed.....

   }
  break;
   }

 default:
  break;
```


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```
  }
 }
```

Related Links:

- How to detect profile
- How to get notification of profile change

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