KeyLock API

KeyLock Python extension for Symbian S60 2rd edition and higher. This extension only provides a very limited set of operations, basically only the methods required to lock/unlock the device keyboard and retrieve the lock state.

Contents:

1 Introduction

The API contains a single class, KeyLock. This connects to the underlying system keylock upon construction. It will automatically disconnect when it is no longer used (ie garbage collected by Python)

2 Constructors/static methods

2.1 keylock.GetKeylock()

Gets an instance of a KeyLock, which is a wrapper around the keylock of the phone.

3 KeyLock class

Main class the KeyLock API.

3.1 KeyLock::IsEnabled()

Gets the current keylock state. Returns 0 if the keyboard is not locked, 1 otherwise.

3.2 KeyLock::Enable()

Will lock the keyboard (if possible: on an E90 for example this will not do anything if the device is open), showing a notification message to the user.

3.3 KeyLock::Disable()

Will unlock the keyboard, showing a notification message to the user.

3.4 KeyLock::Offer()

Will ask the user if the keyboard should be locked, through a popup dialog.

3.5 KeyLock::EnableWithoutNote ()

Will lock the keyboard (if possible: on an E90 for example this will not do anything if the device is open), without showing a notification message to the user.

3.6 KeyLock::DisableWithoutNote()

Will unlock the keyboard, without showing a notification message to the user.

4 Example script

```
import keylock

# create keylock instance
kl = keylock.GetKeylock()

# print status
print "Locked: ", kl.IsEnabled()

#Enable lock
kl.Enable()
```