

CardOS API - Pin Utility

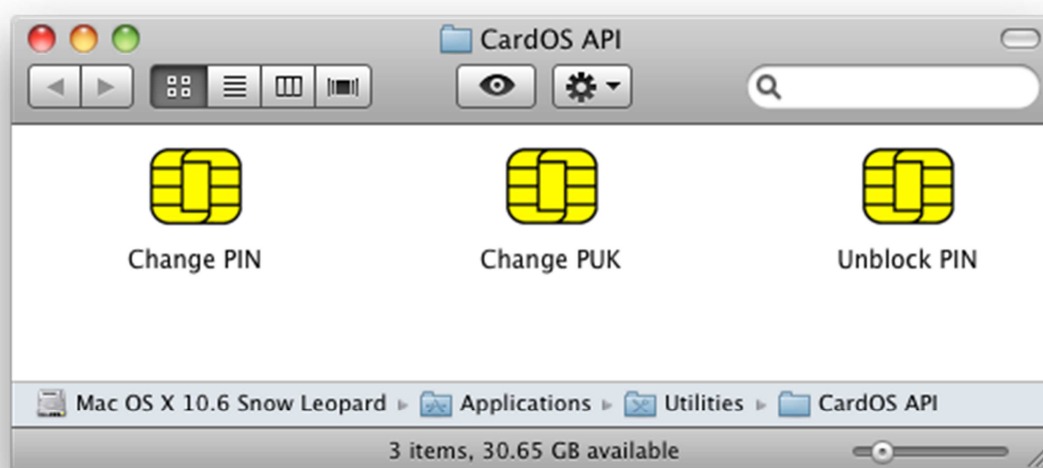
User Manual

Contents

- [PIN Utility Shortcuts](#)
- [Displaying Program Version](#)
- [Changing User PIN](#)
- [Unblock User PIN](#)
- [Changing PUK](#)

PIN Utility Shortcuts

The PIN utility can be accessed with the Finder at *Applications → Utilities → CardOS API*.



Displaying Program Version

1. Run

```
user@system # /usr/local/bin/cardospn -v
```

to get the version of the *CardOS API* PIN Utility.

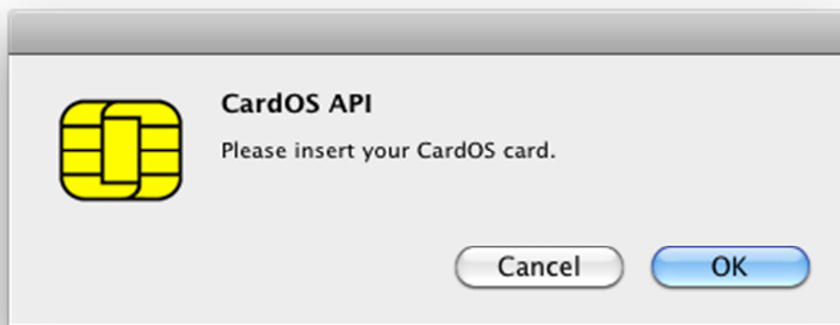
Changing User PIN


1. Select in Finder *Applications → Utilities → CardOS API → Change PIN* or run

```
user@system # /usr/local/bin/cardospn
```

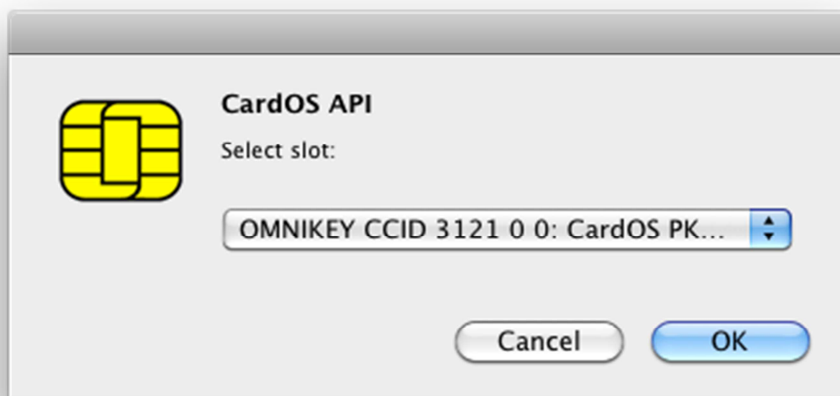
to start the *CardOS API* PIN Utility in order to change your PIN.

2. In case no CardOS smart card is found you are prompted to insert your smart card.



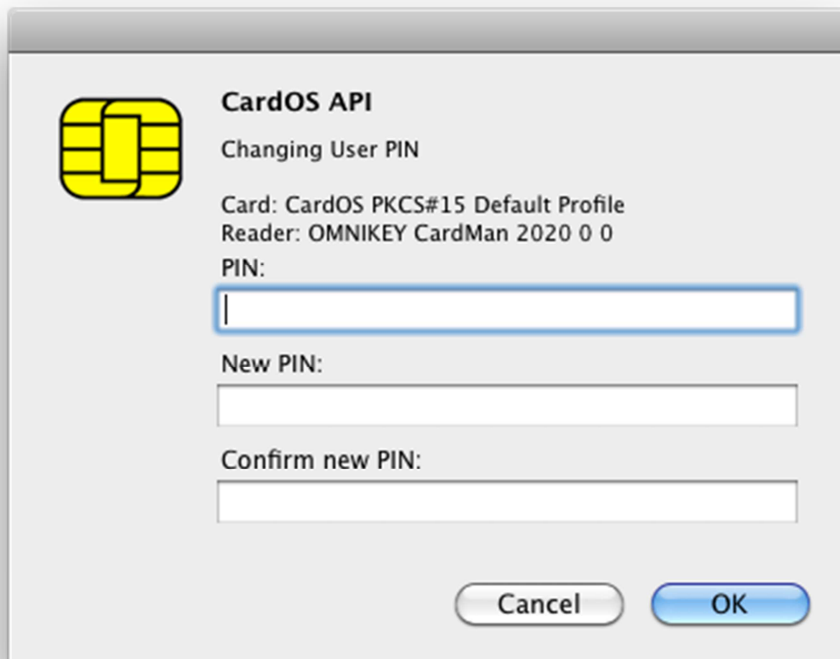
> Insert your CardOS smart card and press  to continue.

3. In case more than one reader containing a CardOS smart card is connected to your system you are prompted to select the smart card you want to work with.



> Select the card reader containing your smart card and press  to continue.

4. The *Changing User PIN* dialog prompts you for the old and new PIN values.



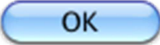
> Enter your old PIN to authenticate yourself to the smart card.

> Enter the new PIN you want to assign to the smart card.

> Confirm the new PIN you want to assign to the smart card.

> Press  to change your PIN.

5. PIN Utility shows the result message box.

> Press  to close the message box.

> On successful completion **remove** and **insert** smart card.

Unblock User PIN


1. Select in Finder *Applications* → *Utilities* → *CardOS API* → *Unblock PIN* or run

```
user@system # /usr/local/bin/cardospn -u
```

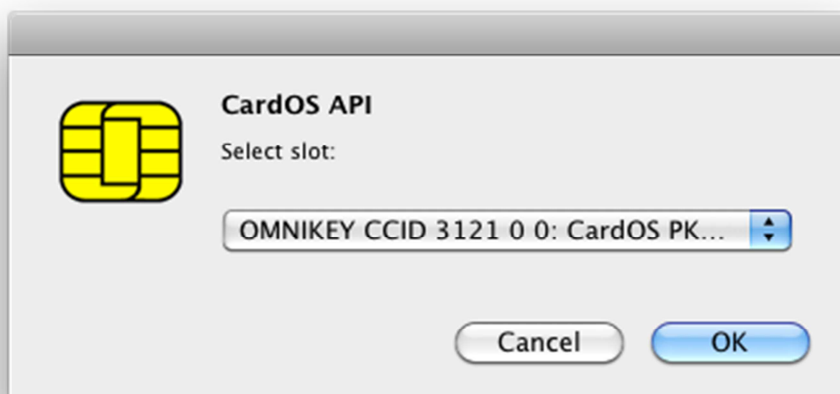
to start the *CardOS API* PIN Utility in order to unblock your PIN using your PUK (Personal Unblocking Key).


2. In case no CardOS smart card is found you are prompted to insert your smart card.



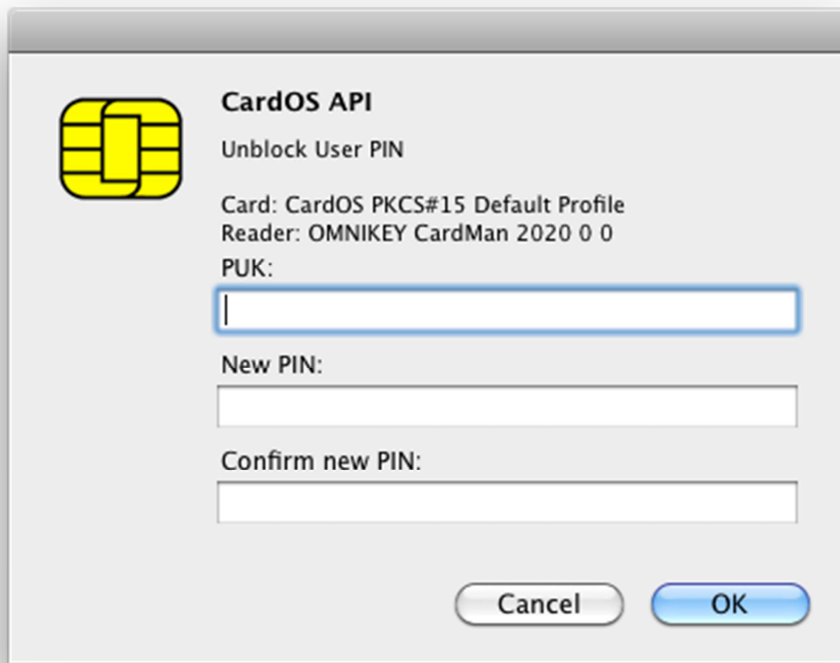
> Insert your CardOS smart card and press  to continue.

3. In case more than one reader containing a CardOS smart card is connected to your system you are prompted to select the smart card you want to work with.


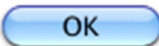


> Select the smart card reader containing your smart card and press  to continue.

4. The *Unblock User PIN* dialog prompts you for your PUK and the new PIN values.



The image shows a Windows-style dialog box titled "CardOS API" with the subtitle "Unblock User PIN". On the left is a yellow smart card icon. The text inside the dialog reads: "Card: CardOS PKCS#15 Default Profile", "Reader: OMNIKEY CardMan 2020 0 0", and "PUK:". Below this is a text input field for the PUK. Further down is the label "New PIN:" followed by a text input field, and then "Confirm new PIN:" followed by another text input field. At the bottom right are two buttons: "Cancel" and "OK".

- > Enter your PUK to authenticate yourself to the smart card.
 - > Enter the new PIN you want to assign to the smart card.
 - > Confirm the new PIN you want to assign to the smart card.
 - > Press  to unblock your PIN.
5. PIN Utility shows the result message box.
- > Press  to close the message box.
 - > On successful completion **remove** and **insert** smart card.

Changing PUK


1. Select in Finder *Applications* → *Utilities* → *CardOS API* → *Change PUK*
or run

```
user@system # /usr/local/bin/cardospn -s
```

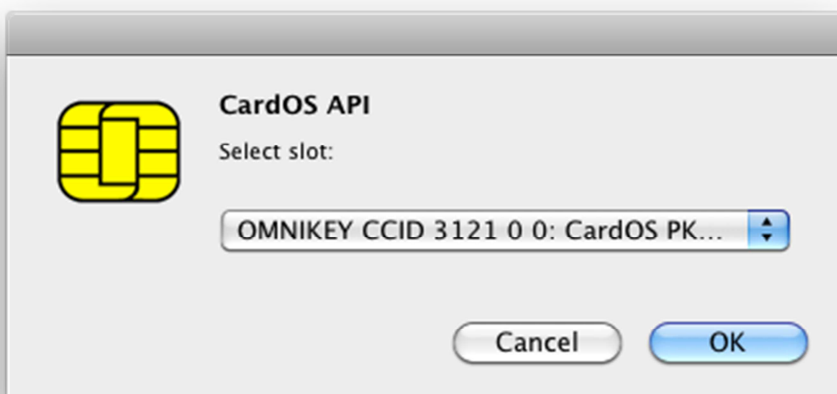
to start the *CardOS API* PIN Utility in order to change your PUK.


2. In case no CardOS smart card is found you are prompted to insert your smart card.



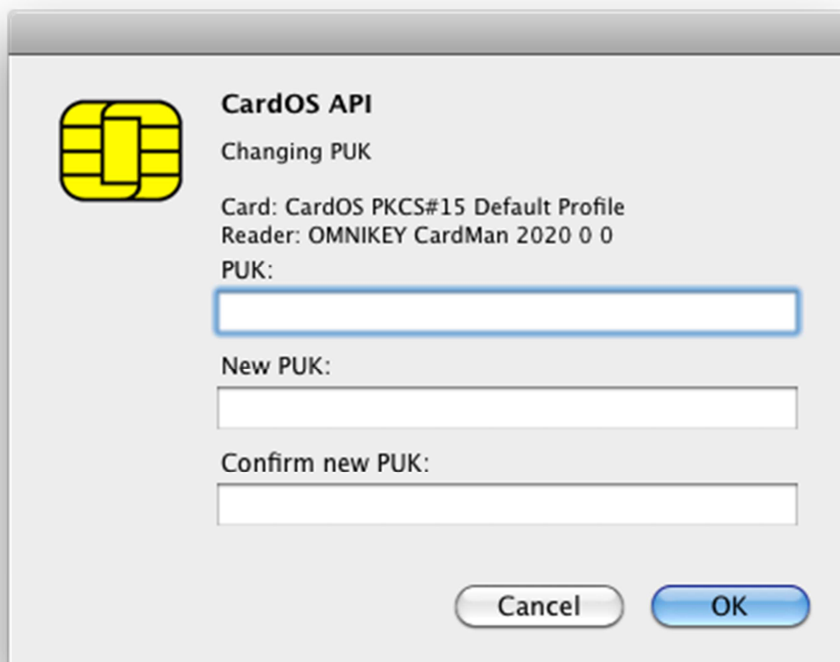
> Insert your CardOS smart card and press  to continue.

3. In case more than one reader containing a CardOS smart card is connected to your system you are prompted to select the smart card you want to work with.





> Select the smart card reader containing your smart card and press  to continue.

4. The *Changing PUK* dialog prompts you for the old and new PUK values.



The image shows a Windows-style dialog box titled "CardOS API" with the subtitle "Changing PUK". On the left is a yellow icon of a smart card. The text inside the dialog reads: "Card: CardOS PKCS#15 Default Profile", "Reader: OMNIKEY CardMan 2020 0 0", and "PUK:". Below this is a text input field. Further down is the label "New PUK:" followed by another text input field. Below that is the label "Confirm new PUK:" followed by a third text input field. At the bottom right are two buttons: "Cancel" and "OK".

- > Enter your old PUK to authenticate yourself to the smart card.
 - > Enter the new PUK you want to assign to the smart card.
 - > Confirm the new PUK you want to assign to the smart card.
 - > Press  to change your PUK.
5. PIN Utility shows the result message box.
- > Press  to close the message box.
 - > On successful completion **remove** and **insert** smart card.