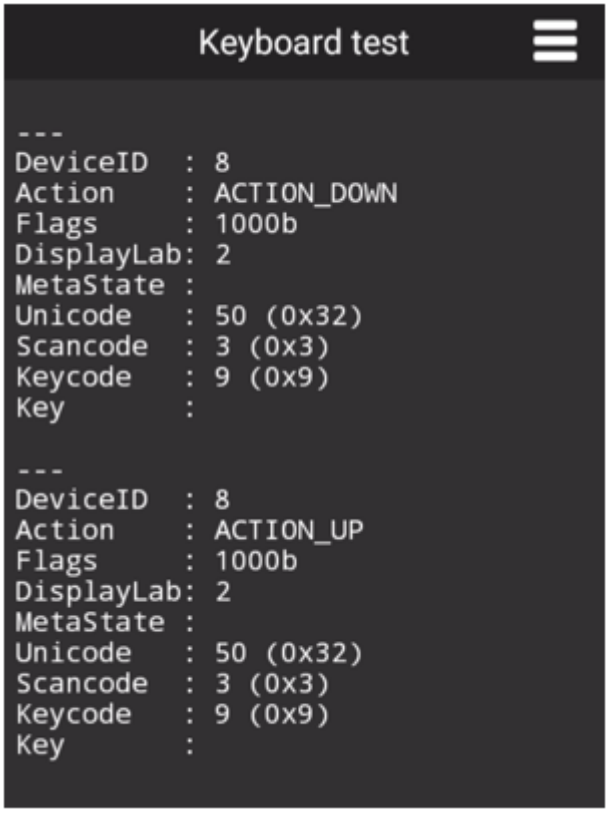
The way TellNext use the Hardware keyboard info is the following:

As we mention previously, none of an ACTION_UP is valid without an ACTION_DOWN.
So, the “stand-alone” ACTION_UP are ignored by the system.

Here you have some examples with a multi tap hardware keyboard:

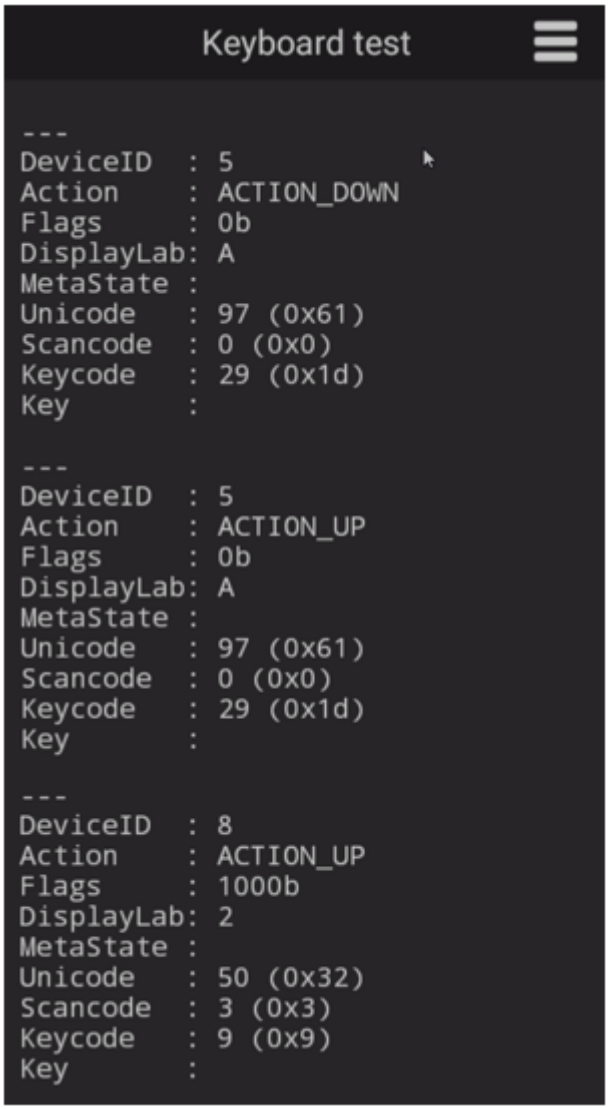
With the numeric mode active, we press 2 key:

- For keyboard 8 (deviceId), we have a binomial DOWN-UP action.
  Corresponding to the key 2 (DisplayLab), with Scancode 3 and Keycode 9



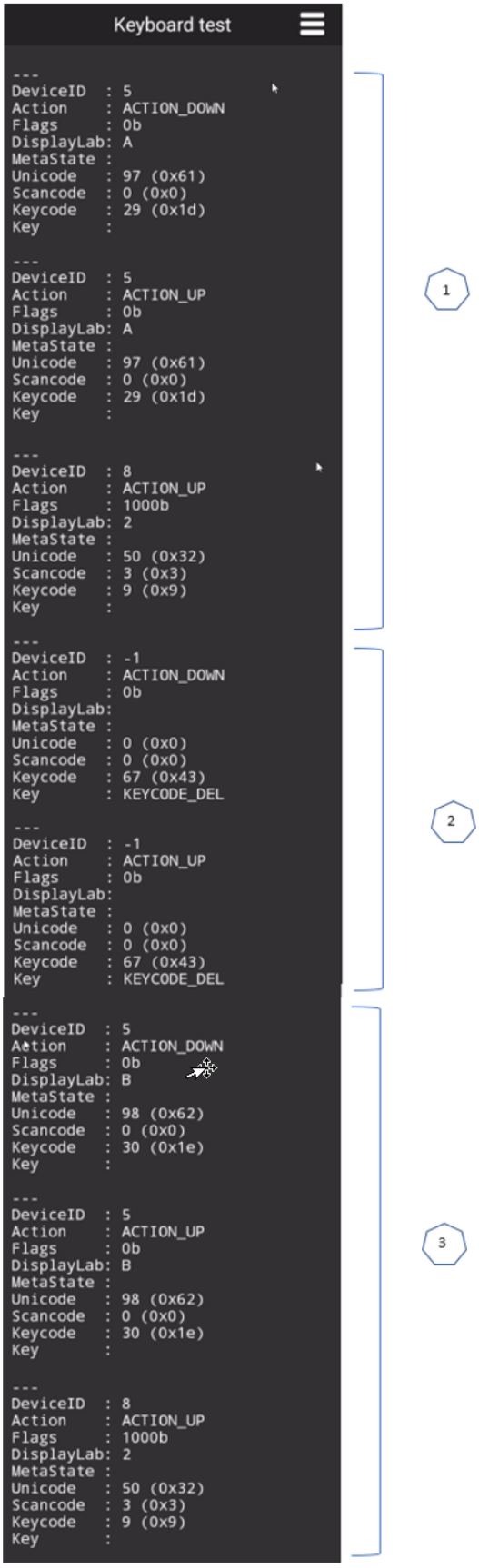
With the alpha mode active, we press A key:

- For keyboard 5 (deviceId), we have a binomial DOWN-UP action and a “stand-alone” ACTION_UP that will be ignored by TellNext.
  Corresponding to the key A (DisplayLab), with Keycode 29



With the alpha mode active, we press B key:

1. For keyboard 5 (deviceId), we have a binomial DOWN-UP action and a “stand-alone” ACTION_UP that will be ignored by TellNext.
   Corresponding to the key A (DisplayLab), with Keycode 29
2. We have another binomial DOWN-UP corresponding to a delete action performed by the system
3. For keyboard 5 (deviceId), we have a binomial DOWN-UP action and a “stand-alone” ACTION_UP that will be ignored by TellNext.
   Corresponding to the key B (DisplayLab), with Keycode 30


Keyboard test

DeviceID : 5
Action : ACTION_DOWN
Flags : 0b
DisplayLab: A
MetaState :
Unicode : 97 (0x61)
Scancode : 0 (0x0)
Keycode : 29 (0x1d)
Key :

DeviceID : 5
Action : ACTION_UP
Flags : 0b
DisplayLab: A
MetaState :
Unicode : 97 (0x61)
Scancode : 0 (0x0)
Keycode : 29 (0x1d)
Key :

DeviceID : 8
Action : ACTION_UP
Flags : 1000b
DisplayLab: 2
MetaState :
Unicode : 50 (0x32)
Scancode : 3 (0x3)
Keycode : 9 (0x9)
Key :

DeviceID : -1
Action : ACTION_DOWN
Flags : 0b
DisplayLab:
MetaState :
Unicode : 0 (0x0)
Scancode : 0 (0x0)
Keycode : 67 (0x43)
Key : KEYCODE_DEL

DeviceID : -1
Action : ACTION_UP
Flags : 0b
DisplayLab:
MetaState :
Unicode : 0 (0x0)
Scancode : 0 (0x0)
Keycode : 67 (0x43)
Key : KEYCODE_DEL

DeviceID : 5
Action : ACTION_DOWN
Flags : 0b
DisplayLab: B
MetaState :
Unicode : 98 (0x62)
Scancode : 0 (0x0)
Keycode : 30 (0x1e)
Key :

DeviceID : 5
Action : ACTION_UP
Flags : 0b
DisplayLab: B
MetaState :
Unicode : 98 (0x62)
Scancode : 0 (0x0)
Keycode : 30 (0x1e)
Key :

DeviceID : 8
Action : ACTION_UP
Flags : 1000b
DisplayLab: 2
MetaState :
Unicode : 50 (0x32)
Scancode : 3 (0x3)
Keycode : 9 (0x9)
Key :
1
2
3

HardwareKeyboardTrace.txt file

This file is added to /sdcard/TellNext folder. In this file, all keys pressed are recorded.

It is never deleted nor cleared. Entering/exiting TellNext will not change the file content.