

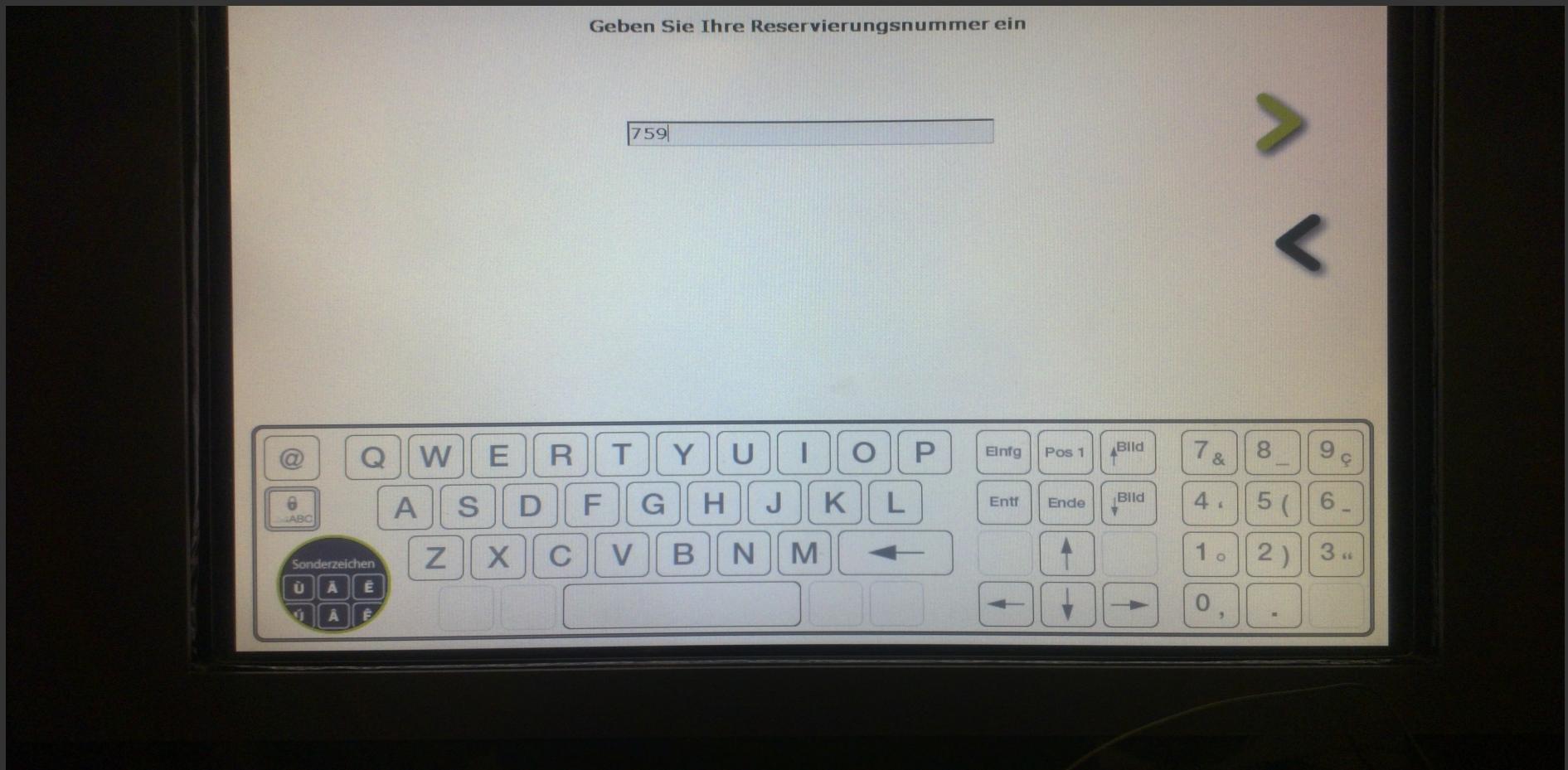
Why mobile text input is hard

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Mobile Text Input? (1)

It's about virtual keyboards,
isn't it?

Virtual keyboards everywhere (1)



Virtual keyboards everywhere (2)



Mobile text input? (2)

- Why is it important?
- Mobile devices increasingly popular
 - Come without mouse or traditional HWKB
 - Touch screens as a general purpose input device
- Text input follows form factors
- Non-western languages
- Also applies to embedded devices

Mobile text input? (3)

- Text input devices
 - Hardware keyboard
 - virtual keyboard
 - voice
 - Text input
 - Text editing
 - Cursor positioning
 - Text selection
 - Copy and paste
 - Text formatting
- ➔ mobile text input = text input methods
+ mobile devices

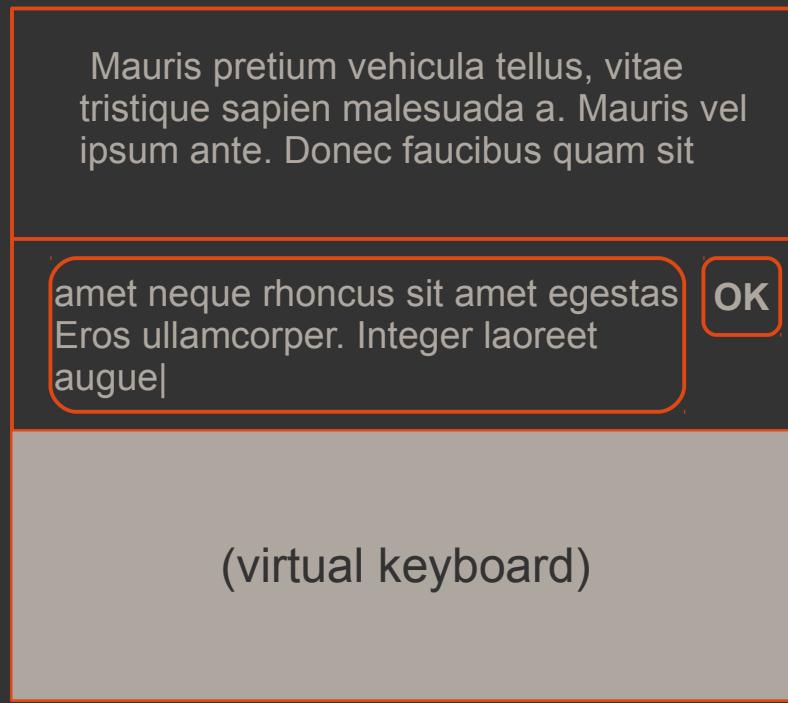
Text Input (1)

Example application

X

Mauris pretium vehicula tellus, vitae tristique sapien malesuada a. Mauris vel ipsum ante. Donec faucibus quam sit amet neque rhoncus sit amet egestas eros ullamcorper. Integer laoreet augue eget dui viverra et pharetra dui porttitor. Donec sodales venenatis sollicitudin. Sed sodales lacinia ligula, at fringilla lacus adipiscing in. Nam purus nisi, pulvinar in tristique eget, tincidunt eu ante. Donec eros eros, molestie nec pellentesque ut, imperdiet sed metus. Quisque et erat ante. Pellentesque faucibus consectetur

Text Input (2)



Text Input (3)

Mauris pretium vehicula tellus, vitae
tristique sapien malesuada a. Mauris vel
ipsum ante. Donec faucibus quam sit
amet neque rhoncus sit amet egestas
eros ullamcorper. Integer laoreet augue|

(virtual keyboard)

Cursor Positioning (1)

Example application X

Mauris pretium vehicula tellus, vitae tristique sapien malesuada at. Mauris vel ipsum ante. Donec faucibus quam sit amet neque rhoncus sit amet egestas eros ullamcorper. Integer laoreet augue eget dui viverra et pharetra dui porttitor. Donec sodales venenatis sollicitudin. Sed sodales lacinia ligula, at fringilla lacus adipiscing in. Nam purus nisi, pulvinar in tristique eget, tincidunt eu ante. Donec eros eros, molestie nec pellentesque ut, imperdiet sed metus. Quisque et erat ante. Pellentesque faucibus consectetur

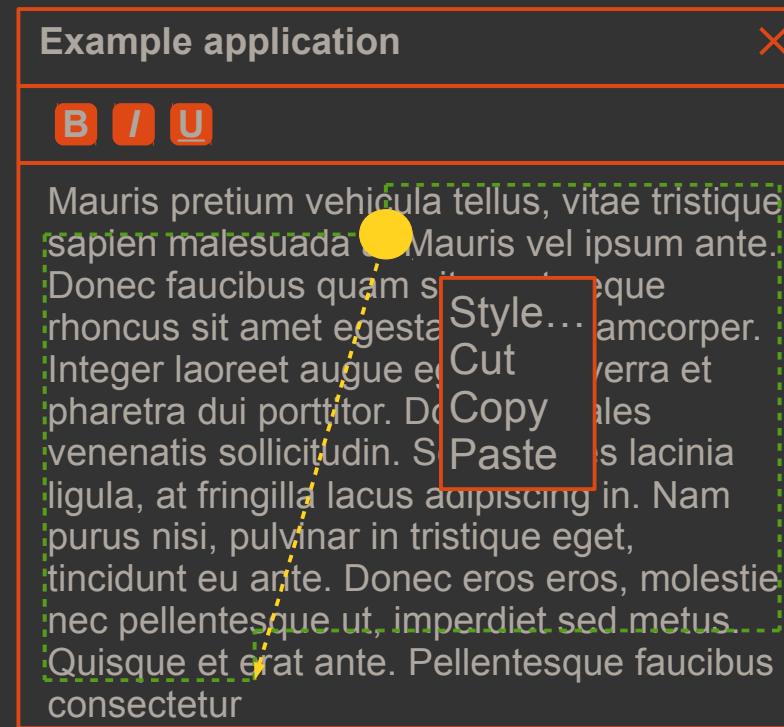
Cursor Positioning (2)

Mauris pretium vehicula tellus, vitae
tristique sapien malesuada. Mauris vel
ipsum ante. Donec faucibus quam sit
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sodales lacinia ligula, at fringilla
lacus adipiscing in. Nam purus nisi,

ad|a a

(virtual keyboard)

Text Selection & Formatting (1)



Text Selection & Formatting (2)

Mauris pretium vehicula tellus, vitae
tristique sapien malesuada a. Mauris vel
ipsum ante. Donec faucibus quam sit
amet neque rhoncus sit amet egestas
eros ullamcorper. Integer laoreet augue
eget dui viverra et pharetra dui porttitor.
Donec sodales venenatis sollicitudin.

B **I** **U** Copy Paste Close

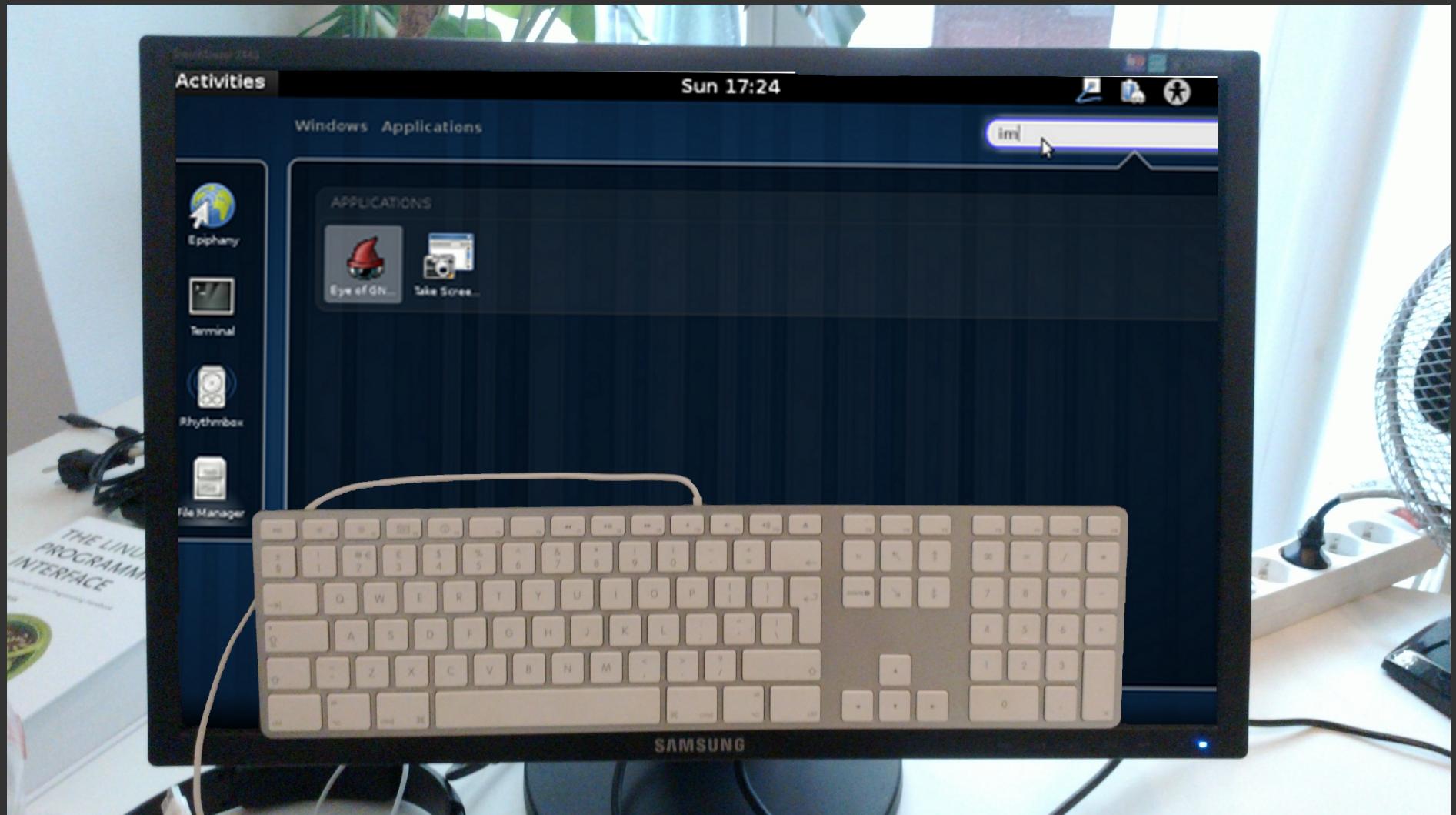
(virtual keyboard)

Text Selection & Formatting (3)

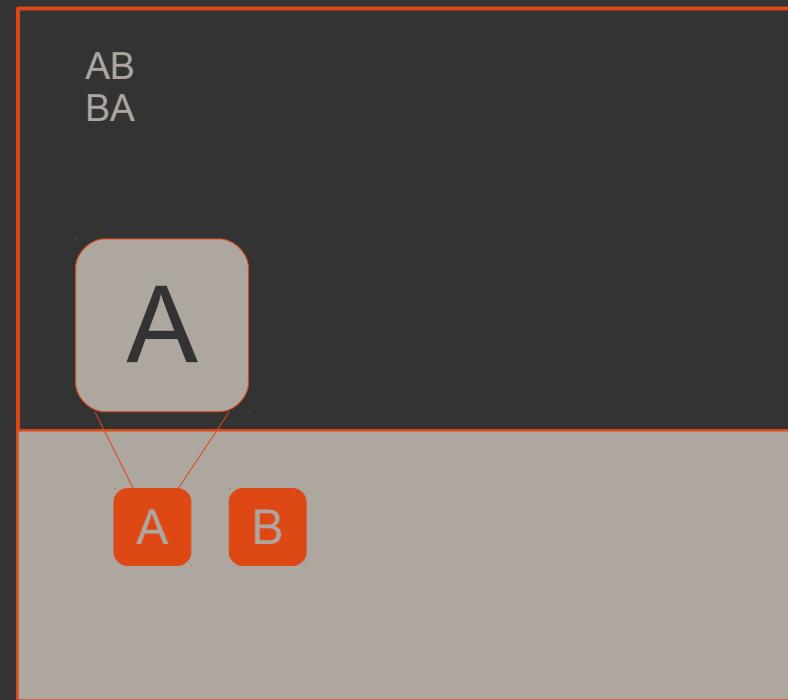
Mauris pretium vehicula tellus, vitae
tristique sapien malesuada a. Mauris vel
ipsum ante. **B** **I** **U** **Copy** **Cut** **Select All**
amet neque rhoncus sit amet egestas
eros ullamcorper. Integer laoreet augue
eget dui viverra et pharetra dui porttitor.
Donec sodales venenatis sollicitudin.
Sed sodales lacinia ligula, at fringilla
lacus adipiscing in. Nam purus nisi,

(virtual keyboard)

The perfect virtual keyboard



Multi touch



Get in touch

maliit.org

Questions?
