Wayland input method is broken and it's my fault
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Dorota Czaplejewicz
Librem 5
Input method
zwp_input_method_unstable_v1

zwp_text_input_unstable_v2
zwp_input_method_unstable_v1
zwp_input_method_unstable_v2

zwp_text_input_unstable_v2
zwp_text_input_unstable_v3
MISTAKE 1: sticking to keyboard roots
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Input method types "Błąd"

- text "B"
- text "Bł"
- text "Błą"
- text "Błąd"
- finish
MISTAKE 1: sticking to keyboard roots

Input method types "Błąd"

text "B"
text "Bł"
text "Błą"
text "Błąd"
finish

Keyboard types "Błąd"

KeyDown `SHIFT`
KeyDown `B`
KeyUp `B`
KeyUp `SHIFT`
KeyDown `AltGr`
KeyDown `L`
KeyUp `L`
KeyDown `A`
KeyUp `A`
MISTAKE 1: sticking to keyboard roots

Input method types "Błąd"

- text "B"
- text "Bł"
- text "Błą"
- text "Błąd"
- finish

Keyboard types "Błąd"

- KeyMap *0xfffffbc3d
- ModifierDown 0x1
- KeyDown 0x102
- KeyUp 0x102
- ModifierUp 0x1
- ModifierDown 0x4
- KeyDown 0x56
- KeyUp 0x56
- KeyDown 0x56
- KeyUp 0x56
- ModifierDown 0x81
MISTAKE 1: sticking to keyboard roots
"Й" → 0x19

"Q" → 0x19
new "actions" protocol

- copy, cut, paste
- select all?
- next, previous
- cursor movement
- submit
MISTAKE 2: Bad synchronization
MISTAKE 2: Bad synchronization

Hello, FOSDEM!

↓

Hell, FOE!
MISTAKE 2: Bad synchronization

could you file
MISTAKE 2: Bad synchronization

Input method

0: ""
Wanted: "M"

1: "M"

Application

0: ""

Commit 0

Preedit: "M"

"M"

Done

1: "M"
MISTAKE 2: Bad synchronization

Input method

0: ""
Wanted: "M"

Commit 0
Preedit: "M"

Application

0: ""
commit ≠ state
1 ≠ 0
IGNORE
1: "M"

Wanted: "Mo"

Commit 0
Preedit: "Mo"

1: "M"

Done

1: "M"
MISTAKE 2: Bad synchronization
Dec 06, 2021

text-input: Add on_screen_input_provided hint ·

Dorota Czапlejewicz (Purism) authored 4 years ago and
Simon Ser committed 2 years ago

Mar 22, 2021

text-input: Add preedit_commit_mode_event for
DorotaC.eu

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