Contribution Story

Follow me, we’ll fix stuff!
I have a dream
Share items
Server + client

EMAIL@DOMAIN

PASSWORD

CONNECT

https://github.com/Vrixyz/backpack
Plug things together
Alt-gr problem
Alt-gr problem
Ctrl problem

Command?

Scroll?

text shortcuts?

Copy?
Ctrl problem

Fix ctrl or win interfering with character inputs #149

Vrxyz commented on Feb 7 • edited

I'm building an app where I need users to enter a "at sign" (@), and input text is not allowing me to do that.

Looks like the issue is from bevy_egui.

My changes appear to fix it, but I didn't make a bigger background check on why that condition was there originally.

Other context as to how I ended up to this solution: https://discord.com/channels/691052431525675048/1072569924972728320

https://github.com/mvlabat/bevy_egui/pull/149
Ctrl problem

Pull request successfully merged and closed

https://github.com/mvlabat/bevy_egui/pull/149
Ctrl problem

ASK!

I learned a bunch!

do your research
Plug things together

EMAIL@DOMAIN

PASSWORD

CONNECT
Plug things together

EMAIL@DOMAIN
PASSWORD
CONNECT

clipboard + WEB
Clipboard

- arboard has a synchronous API
- web cannot have blocking calls
- bevy_egui implemented a local only clipboard, time to fix it!

https://github.com/1Password/arboard
Clipboard

Check how other projects approached your problem

https://github.com/mvlabat/bevy_egui/pull/178
Mac problem

• bevy_egui does not detect Command/Meta on Mac web
Mac problem

- On web
  - User-agent == Macintosh
Also, war in Ukraine...
Plug things together

EMAIL@DOMAIN

PASSWORD

CONNECT
Plug things together
then: type text

```python
if !command || cfg!(target_os = "windows") && ctrl && alt {
```
if command || cfg!(target_os = "windows") && ctrl && alt {

then: type text

WEB != Windows
Clipboard fix

bevy_egui

Web “@” fix

https://github.com/bevyengine/bevy/pull/10702
What about alt codes?

Alt + 0201 => 'É'
is_control() ?

if !event.char.is_control() {

if (target_os == "windows")
}
• **winit** keyboard refactor

https://github.com/rust-windowing/winit
Let’s update winit!

Mistakes happen
winit update

• Update bevy/main to unreleased winit version

tracking multiple unstable dependencies is risky

https://github.com/bevyengine/bevy/pull/10702
winit update

• Update

• Profit

One focus at a time

https://github.com/bevyengine/bevy/pull/10702
winit update

- Research
  - Documentation
  - Changelogs
  - Issues
  - Pull Requests
  - Chat
winit update

- regex replace
winit update

- Update dependencies
  - bevy_reflect and smolrs
  - web_time
  - android-activity
  - raw-window-handle
  - ndk
  - winit
  - wgpu

https://github.com/bevyengine/bevy/pull/10702
winit update

AccessKit

Android-activity

Raw-window-handle

NdK

Winit

Wgpu
winit update

- cargo deny
- "cargo tree -i"
winit update

- cargo features

https://github.com/rust-mobile/ndk/pull/434
winit update

- cargo features

https://github.com/rust-mobile/android-activity/pull/142
https://github.com/AccessKit/accesskit/pull/319
winit update

• Update

• Profit

One focus at a time!

https://github.com/bevyengine/bevy/pull/10702
winit update

• Bug fixes

Android
web canvas size
scale factor
documentation
CI

https://github.com/bevyengine/bevy/pull/10702
winit update

- Changelog

Merged via the queue into bevyengine:main
26 checks passed

https://github.com/bevyengine/bevy/pull/10702
Profit?

- Update
- Profit

One focus at a time!

https://github.com/bevyengine/bevy/issues/11052
Follow ups

Physical key / logical key mapping

more keypress info

close and reopen a window

custom cursors

documentation

clip board

smooth resizing

examples

https://github.com/bevyengine/bevy/issues/11052
Plug things together

EMAIL@DOMAIN

PASSWORD

CONNECT

@ + clipboard + WEB
Recap

- Hook to javascript events
- Detect mac on web via user agent

https://github.com/mvlabat/bevy_egui/pull/178
Recap

- Hook to javascript events
- Detect mac on web via user agent

https://github.com/mvlabat/bevy_egui/pull/178
Recap

- Hook to javascript events ✅
- Detect mac on web via user agent ✅

https://github.com/mvlabat/bevy_egui/pull/178
Recap

• winit is updated

https://github.com/rust-windowing/winit

Mistakes happen and that’s ok!
Is it fixed yet?

- Hook to javascript events
- We detect mac on web via user agent
- We should be able to detect logical key

https://github.com/mvlabat/bevy_egui/pull/178