Input/Output (IO)

OrxFile

File / file system module. Module that handles file / file system access.

OrxInput

Input module. Module that handles generalized inputs (keyboard, mouse, joystick, ...)

Input events may be defined either in the config file or in code with orxInput_Bind*() functions. They can be changed on the fly, of course, and you can create inputs than don't necessarily map to physical device by using the orxINPUT_TYPE_EXTERNAL value of the enum.

It allows to group everything through the generic input system. Events can be bound to whatever any input source: physical device, GUI “buttons” by activating the input using orxInput_SetValue(), etc... This way, when going from one peripheral to the other, or when going to another platform, only the bindings need to be changed, the processing code itself doesn't change.

orxInput_SetValue() sets the value for one frame. Any value works. It all depends on what you expect when you read it. If mapped to a physical peripheral, buttons will set the value to 1 and joystick axes will set it to X with -1 ⇐ X ⇐ 1.

orxInput_SetPermanentValue() sets the value till someone sets it to something different.

Temporary Disabling User Input

Just to make an input set that does nothing and toggle between it and the other ones as necessary.

OrxJoystick

Joystick plugin module. Plugin module that handles joystick-like peripherals.

OrxKeyboard

Keyboard plugin module. Plugin module that handles keyboard peripherals.

OrxMouse

Mouse plugin module. Plugin module that handles mouse-like peripherals.

Config

- Input
- Joystick inputs
- Keyboard inputs
- Mouse inputs
- Touch events

Tutorials

- Grey's Tutorial 4: Interaction and Physics (Warning: You are recommended to start with Grey's Tutorial 1)

From:
https://www.orx-project.org/wiki/ - **Orx Learning**

Permanent link:
https://www.orx-project.org/wiki/en/orx/reference/io/main?rev=1382918511

Last update: **2025/09/30 17:26 (14 months ago)**