チェックポイント3

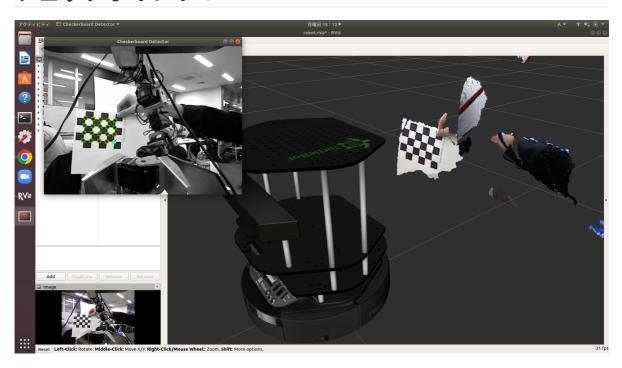
```
¹bumper.l ≡
        #!/usr/bin/env roseus
          (ros::roseus-add-msgs "kobuki_msgs")
(ros::roseus "checkpoint1_3_1_button_euslisp")
         (defun button-cb
  8 (setq bumper (send msg :bumper))
9 (setq state (send msg :state))
10 (ros::ros-info "subscribe msg [bumper: ~A state: ~A]" bumper state)
    l3 (ros::subscribe "/mobile_base/events/<mark>bump</mark>
l4 kobuki_msgs::<mark>Bumper</mark>Event #'button-cb)
    16 (ros::ros-info "ready to subscribe !!!")
           (ros::spin)
                                                                                                                                                                                                                                                                                                                                                                   lex ≣ 〈 utf-8 ② /bumper
NORMAL bumper.l
; extending gcstack 0x55ec45eec690[16374] --> 0x55ec46372510[32748] top=3d4b
irtgl irtglc irtviewer
FusLisp 9.29( 1.2.5) for Linux64 created on ip-10-0-1-151(Tue Oct 25 10:11:33 PST 2022)
Toseus ;; loading roseus("1.7.4") on euslisp((9.29 ip-10-0-1-151 Tue Oct 25 10:11:33 PST
                                                                                                                                                                                                                                                                                                    state: 1
                                                                                                                                                                                                                                                                                                  bumper: 2
state: 0
  bumper: 2
state: 1
                                                                                                                                                                                                                                                                                                    bumper: 2
                                                                                                                                                                                                                                                                                                    state: 0
                                                                                                                                                                                                                                                                                                    state: 1
                                                                                                                                                                                                                                                                                                   bumper: 2
state: 0
          umper.l = y **sound.l = y
#!/usr/bin/env roseus
(ros::roseus-add-msgs "kobuki_msgs")
(ros::roseus "checkpoint1_3_2_led_euslisp")
(ros::advertise "/mobile_base/commands/sound" kobuki_msgs::Sound)
(unix::sleep 1)
           (setq msg (instance kobuki_msgs::Led :init))
(dotimes (i 3)
  (send msg :value (+ i 1))
  (ros::ros-info "publish msg [value: ~A]" (send msg :value))
  (ros::publish "/mobile_base/commands/sound" msg)
          (send msg :value 0)
(ros::ros-info "publish [value: ~A]" (send msg :value))
(ros::publish "/mobile_base/commands/sound" msg)
     NORMAL >> sound.l
sound.l" 18L, 542B 書込み
                                                                                                                                                                                                                                                                                                              lex ≡ 〈 utf-8 ② /sound[2/4] 22% N:4/18
 X events are being asynchronously monitored.

;; pixword ;; RGBHLS ;; convolve ;; pixinage ;; pbmfile ;; image_correlation ;; oglforeig /mobile_base/events/robot_state ; eglforeign ;; gluconst ;; gluforeign ;; gluconst ;; glxforeign ; /mobile_base/events/robot_state ; eglforeign ;; eglfunc ;; glutil ;; gltexture ;; glprim ;; gleus ;; glview ;; toiv-under /mobile_base/sensors/bumper_pointcloud rtgeo euspap pap irtscene irtmodel irtdyna irtrobot irtsensor irtbyh irtcollada irtstl i /mobile_base/sensors/ore twrl irtpointcloud eusbullet bullet irtcollision irtx eusjpeg euspng png irtimage irtglrg /mobile_base/sensors/ock_ir bumper_pointcloud gestack 0x56267fc95690[16374] --> 0x56268011b510[32748] top=3d4b /mobile_base/sensors/imu_data_raw /mobile_base/sensors/imu_data_raw /mobile_base/version_info /mobile_base/version_info /mobile_base/version_info /mobile_base/version_info /mobile_base/sensors/imu_data_raw /mobile_base/version_info /mobile_bas
;; extending gcstack 0x56267fc95690[16374] --> 0x56268011b510[32748] top=3d4b
irtgl irtglc irtviewer
                                  0( 1.2.5) for Linux64 created on ip-10-0-1-151(Tue Oct 25 10:11:33 PST 2022) value: 1 value: 1
  eustf roseus_c_util [ INFO] [1669010582.625917323]: publish msg [value: 1]
                                                                                                                                                                                                                                                                     value: 2
    ustr roseus_cutt | IMF0| [1009010982.02991/323]; publish msg [value: 1
INF0] [1669010583.67990519]; publish msg [value: 2]
INF0| [1669010585.62834178]; publish msg [value: 3]
INF0| [1669010585.628480023]; cell* ROSEUS_EXIT(context*, int, cell**)
INF0| [1669010585.628480023]; cell* ROSEUS_EXIT(context*, int, cell**)
INF0| [1669010585.628501557]; exiting roseus 0
                                                                                                                                                                                                                                                                       value: 3
                                                                                                                                                                                                                                                                     value: 0
```

チェックポイント4

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| Table | Tabl
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チェックポイント5



チェックポイント6

