

环境：

硬件：a2100

分支：2024.02y

操作步骤：

- 将avilib.c、avilib.h、child_camera_sample.c 三个文件复制粘贴到 components\applications\apps-projector\source\hcprojector_app目录下。
- projecto.c中加入消息处理函数

```
components > applications > apps-projector > source > hcprojector_app > C projector.c
902 extern void child_camera_message_process(control_msg_t * ctl_msg);
903 static void message_ctrl_process(void)
904 {
905     control_msg_t ctl_msg = {0,};
906     screen_ctrl ctrl_fun = NULL;
907     // lv_disp_t * dispp = lv_disp_get_default();
908     lv_obj_t *screen;
909     int ret = -1;
910
911     // screen = dispp->act_scr;
912     screen = lv_scr_act();
913     do
914     {
915         ret = api_control_receive_msg(&ctl_msg);
916         if (0 != ret){
917             if (0 != ret)
918                 break;
919         }
920         if (screen)
921         {
922             ctrl_fun = api_screen_get_ctrl(screen);
923             if (ctrl_fun)
924                 ctrl_fun((void*)&ctl_msg, NULL);
925         }
926     }while(0);
927
928     com_message_process(&ctl_msg);
929     child_camera_message_process(&ctl_msg);
930     loop_watchdog_feed();
931
```

com_api.h中加入两个消息参数

```
components > applications > apps-projector > source > hcprojector_app > include > C com_api.h
301 MSG_TYPE_CAST_DIAL_DISCONNECTED_ALL,
302 MSG_TYPE_CAST_DIAL_ADD_VIDEO,
303 MSG_TYPE_CAST_DIAL_DEL_VIDEO,
304 MSG_TYPE_CAST_DIAL_INVALID_CERT,
305
306 MSG_TYPE_CVBS_TRAINING_FINISH,
307
308 MSG_TYPE_CHILD_CAMERA_INIT,
309 MSG_TYPE_CHILD_CAMERA_SCREENSHOT,
310 MSG_TYPE_CMD = 1000,
311 MSG_TYPE_REMOTE,
312 }msg_type_t;
313
```

编译

make apps-projector-dirclean apps-projector-rebuild all