

原创

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[illegible]

```

790 {
791     close_descriptor();
792     TIMERS->operation of threads failed."});
793     return -1;
794 }
795
796 int init_web_mouse_mode()
797 {
798     if (g_web_mouse_mode is deprecated start timer thread
799
800 if (g_configure_nvm_kvmmajor_timesteps)
801 {
802     // Start the timer thread only if infinite timeout value (0xFF) is not configured for kvmm sessions.
803     if (AdviserConf.SessionActivityTimeout != KVM_TIMEOUT_INFINITY)
804     {
805         g_timer_ticks_per_tick = KVM_TIMER_TICKLE;
806         start_kvmm_timer_thread();
807     }
808 }
809 }

```

```

1 static void
2 session_timeout()
3 {
4     int i;
5     double timeout = 0;
6
7     struct myinfo myn_info;
8
9     for (i = 0; i < max_session; i++)
10    {
11        timeout = 1;
12        acquire_mutex (&m_session_guard [i]);
13        if (m_session [i].is_used & m_session [i].is_valid)
14        {
15            if (m_session [i].media_active == 1)
16            {
17                //Check inactive timeout value only if last packet receive timer is update.
18                if (myinfo(&nyn_info) &= m_session [i].usr_ctl_pkt_rcv_time != -1) {
19                    timeout = difftime(&nyn_info.uptime, m_session [i].usr_ctl_pkt_rcv_time);
20                }
21            }
22        }
23        release_mutex (&m_session_guard [i]);
24        //if timeout value is smaller the configured session timeout value, send session timeout packet to the particular session
25        if (timeout >= AdviserConf.m_sessionInactiveTimeout) {
26            send_stop_session (&m_session [i], STOP_SESSION_TIMER_OUT);
27        }
28    }
29    return;
30 }

```

The parameter `Adviserconf.SessionInactivityTimeout` is read from `/conf/ncml.conf`, but the timeout in PRJ is not synchronized to the `ncml.conf` file. You need to update this value in `ncml configuration/dev-install.py`.

```
dev-install.py - Revision 95402
...
retval = Py_Execute("python3 ./ncupdate_cfg " + IMAGEFILE + "/conf/ncol.conf 3 YES " + PrjVars["CONF10_SPK_FEATURE_MER_SESSION_TIMEOUT"]);
...
return retval;
...
retval = Py_CopyFile(IMAGEFILE+"/conf/ncol.conf", IMAGEFILE + "/etc/default/ncol.conf");
...
return retval;
...
*133
if "CONF10_SPK_FEATURE_MER_SESSION_TIMEOUT" in PrjVars.keys():
    if not (sys.stdin.isatty() or sys.stdout.isatty()):
        retval = Py_Execute("ncupdate_cfg "+IMAGEFILE+"/conf/ncol.conf 1 YES "+PrjVars["CONF10_SPK_FEATURE_MER_SESSION_TIMEOUT_VALUE"]);
        if retval != 0:
            return retval;
...
return retval;
...
*134
retval = Py_Execute("python3 ./ncupdate_cfg " + IMAGEFILE + "/conf/ncol.conf 1 YES " + PrjVars["CONF10_SPK_FEATURE_MER_SESSION_TIMEOUT_VALUE"]);
...
return retval;
...
retval = Py_CopyFile(IMAGEFILE+"/conf/ncol.conf", IMAGEFILE + "/etc/default/ncol.conf");
...
return retval;
```

Figure 4

【Verification method】

Open KVM: PRJ timeout is set to 1800

After 30 minutes of inactivity without any mouse or keyboard operation, a pop-up window will appear on the KVM page, as shown below:



Figure 5