

# Test of node-health-monitor

1. install \*-test at build/conf/local.conf

```
IMAGE_INSTALL_append += " \  
    node-health-monitor-test \  
"
```

2. set up test environment

- a. run node-state-manager:

```
root@qemux86:~# systemctl start node-startup-controller  
root@qemux86:~#
```

- b. create an own dbus instance:

```
root@qemux86:/usr/lib# dbus-launch  
DBUS_SESSION_BUS_ADDRESS=unix:abstract=/tmp/dbus-ELaodyB01D,guid=66fd87514356c51bb6fbc0b56d97edb  
DBUS_SESSION_BUS_PID=638
```

- c. the command will print a DBUS\_SESSION\_BUS\_ADDRESS. Copy/paste and export it as system bus:

```
root@qemux86:/usr/lib# export DBUS_SESSION_BUS_ADDRESS=unix:abstract=/tmp/dbus-ELaodyB01D,  
guid=66fd87514356c51bb6fbc0b56d97edb
```

- d. start the node-health-monitor (in background)

```
root@qemux86:~# node-health-monitor &  
root@qemux86:~#
```

3. run nhm-main-test

```

root@qemux86:/opt/tests/node-health-monitor# ./nhm-main-test
(process:615): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:615): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:615): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:615): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:615): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
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(process:615): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:615): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)

```

#### 4. run nhm-systemd-test

```

root@qemux86:/opt/tests/node-health-monitor# ./nhm-systemd-test
(process:633): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:633): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:633): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:633): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:633): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:633): GLib-WARNING **: (/storage/src/CCCP/genivi-baseline_10.w19/build/tmp/work/i586-poky-linux/glib-2.0/1_2.44.1-r0/glib-2.44.1/glib/gerror.c:384):g_error_new_valist: runtime check failed: (format ! = NULL)
(process:633): GLib-CRITICAL **: the GVariant format string '&s' has a type of 's' but the given value has a type of 'v'
(process:633): GLib-CRITICAL **: g_variant_get_child: assertion 'valid_format_string (format_string, TRUE, child)' failed

```