

FNV Sync USB Launcher for triggering LogExtractionUtil

Reference wikis for FNV USB:

FNV USB: <https://www.eesewiki.ford.com/display/fnv/USB>

Sync4 USB: <https://www.eesewiki.ford.com/display/fnv/USB+SYNC4>

For the POC, we are making of the existing RCN_ReconnService component, that is listening to the device PPS and logging analytics for when USB devices are connected to SYNC.

For USB launcher, we are now also listening to the mount pps, in-order to know when an /fs/usb mount point has been added.

QNX USB Device PPSs

```
# cat /pps/qnx/device/usb-1.1.8
[n]@usb-1.1.8
PPS_HUB_ID::/pps/qnx/device/usb-1.1.1
USB_version::v2.00
bus::USB
busno::0x01
configuration::1
configurations::1
device_class::0x00
device_release::r1.03
devno::0x08
drivers_matched::1
drivers_running::1
manufacturer::Generic
max_packet_size0::64
product::Mass Storage
product_id::0x6387
serial_number::42ABB600
stackno::1
status::detected
topology::(1,3),(0,1)
upstream_device_address::1
upstream_host_controller::1
upstream_port::3
upstream_port_speed::High
vendor_id::0x058f

# cat /pps/qnx/mount/umass0
[n]@umass0
PPS_DRIVER_ID::/pps/qnx/driver/2043931
blocks_size::512
blocks_total::4034560
mnt_status::0 (No error)
partition_count::1
raw::/dev/umass0

# cat /pps/qnx/mount/umass0.0
[n]@umass0.0
PPS_DRIVER_ID::/pps/qnx/driver/2043931
PPS_RAWMOUNT_ID::/pps/qnx/mount/umass0
blocks_size::512
blocks_total::4032512
fs_type::dos (fat32)
id::2F8C6F022BC7A73BDEC9014CAFBF7FBD
label::FAST_DEVLOG
label_raw_str::FAST_DEVLOG
mnt_status::0 (No error)
mount::/fs/usb0
name::FAST_DEVLOG
partition::/dev/umass0t11
partition_order::0
plugin_name::generic
raw::/dev/umass0
read_only::0
```