

## sbndaq - Feature #23555

### Test status of components and catch/throw relevant exceptions

11/06/2019 11:26 AM - Iker de Icaza Astiz

|                        |                            |                        |            |
|------------------------|----------------------------|------------------------|------------|
| <b>Status:</b>         | New                        | <b>Start date:</b>     | 11/06/2019 |
| <b>Priority:</b>       | Low                        | <b>Due date:</b>       |            |
| <b>Assignee:</b>       | Jose Ignacio Crespo Anadon | <b>% Done:</b>         | 0%         |
| <b>Category:</b>       |                            | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b> |                            | <b>Spent time:</b>     | 0.00 hour  |
| <b>Co-Assignees:</b>   | Kathryn Sutton             |                        |            |

#### Description

There's a lack of information on the TPC board reader from anomalous processes.

Case in point: currently the code doesn't test if the WinDriver is loaded properly and crashes on the start transition with an "unknown exception".

#### History

##### #1 - 11/06/2019 12:39 PM - Jose Ignacio Crespo Anadon

- Priority changed from Normal to Low

There are plans to improve the logging and exception management, but they have lower priority than other more urgent tasks.

We should not be checking if WinDriver is loaded every time we start a run, it should be loaded and checked when the servers boot.

Currently there is a log message which would allow to diagnose the issue.

```
%MSG-i NevistPCGeneratorNUXMIT: DAQ 05-Nov-2019 14:57:32 CST Booted NevistPCNUXMIT_generator.cc:11
ConfigureStart
%MSG
terminate called after throwing an instance of 'std::future_error'
  what():  std::future_error: No associated state
DeviceFind: Failed scanning the PCI bus.
Error: 0xffffffffffffffff - Unrecognized error code
```