ArtDaq RunControl GUI - Bug #24858

Boardreader selection list

08/26/2020 10:54 AM - Gennadiy Lukhanin

Status:	Closed		**Start date:**	08/26/2020
Priority:	Urgent		**Due date:**	
Assignee:	Esteban Cristaldo		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:			**Spent time:**	0.00 hour
Occurs In:			**Co-Assignees:**	

Description

The boardreader selection list shows duplicate entries if the database is enabled. Please note we need to preserve the same order as in the known_boardreaders_list file, and the list box control should not be sorting anything.

Related issues:

Blocks ArtDaq RunControl GUI - Milestone #25316: v1_02_00	**Resolved**	**12/14/2020**

History

#1 - 08/28/2020 09:06 AM - Iker de Icaza Astiz

- Priority changed from Normal to Urgent

It's important we tackle this first.

#2 - 10/29/2020 02:10 PM - Iker de Icaza Astiz

To use database features we need to uncomment a line on user_sourcefile

```
#####################################################
##Uncomment  the line below to enable artdaq_database.
#export DAQINTERFACE_FHICL_DIRECTORY=IGNORED
#####################################################
```

#3 - 11/25/2020 09:00 AM - Esteban Cristaldo

- % Done changed from 0 to 100

- Status changed from New to Resolved

This issue was caused when the RC compared the known_components_list compoenent name with the asociated component .fcl that had the same name plus an extention before '.fcl'

e.g.
from know_component_list: icarustpcew05
from the DB: icarustpcew05.fcl icarustpcew05n1.fcl icarustpcew05n2.fcl
The RC GUI filled 3 times the listview with icarustpcew05

This issue is resolved.

Furthermore, it was decided that the RC GUI should not make this comparison given that the DB does not store a list of components. So, for now the GUI lists the know_components_list when selecting a configuration from the database.

#4 - 11/26/2020 08:20 AM - Esteban Cristaldo

- Status changed from Resolved to Under Discussion

#5 - 11/26/2020 10:43 AM - Iker de Icaza Astiz

- Status changed from Under Discussion to Closed

Esteban and myself tested this on ICARUS Control Room.

The new release **v1_01_03** has this fix.

Closing.

#6 - 12/11/2020 12:43 PM - Iker de Icaza Astiz

We ended up reverting to the old way: comparing components from the DB to those of known_boardreader_list, fixing the previous faulty logic of course.

All commits are in branch bugfix/duplicated_db_components which I'll now merge to develop.

The last batch is:

a60b92c 2020-12-03 Gennadiy   Sort the components list box
ab2f078 2020-12-11 Iker Loïc de Ic.. Remove old comment, mark a potential improvement
2f120e9 2020-12-01 ecristal   All components are selected in components listview selection model
d31bea9 2020-12-01 ecristal   clean up. Added 'break' when a component is found in the .fcl directory
a52c2eb 2020-12-01 ecristal   GUI returns to previous behaviour when selecting a configuration from the database. It lists the components that are found in the know_components_list and in the DB configuration

This issue will remain closed.

#7 - 12/14/2020 09:42 AM - Iker de Icaza Astiz

- Blocks Milestone #25316: v1_02_00 added