Log files 6DoF and 1DoF software

The software generates different files in 3 distinct folders (GitHub\6-DoF-Robotic-Motion-Phantom\Program Files\src\PhantomControl\bin\Debug\Output Files).

1. **LOG FOLDER**

The “log” folder contains subfolders named by the date of the session started by a user.

Inside each subfolder, there are 4 types of log files.

The user did not load a trace, so the name of the log file is “Log/jj/mm/aaaa-hh/mm and keep a log of events that occur in the software such as problems, errors or just information on current operations (mass, set position, port opened, connection established…).

The user loaded a 1D trace, so the name of the log file is “Log\_1D\_NameOfThe1DLoadedTrace\_/jj/mm/aaaa-hh/mm”. Events related to this trace are reported. There are as many files as those loaded by the user.

Same if the user loaded a 6D trace, so the name of the log file is “Log\_6D\_NameOfThe6DLoadedTrace\_/jj/mm/aaaa-hh/mm”.

Same if the user loaded a 6D trace AND a 1D trace, so the name of the log file is “Log\_BOTH\_NameOfThe1Dor6DLoadedTrace\_jj/mm/aaaa-hh/mm”. The name of the file is given by the name of the first file loaded by the user.

1. **6D PLATFORM**

‘6DPlatform’ folder contains the 6DoF robot motion feedback (t, x,y,z,rx,ry,rz coordinates of the robot during the trace). The files are named by the loaded trace name.

1. **1D PLATFORM**

“1DPlatform” folder contains several 1DoF information. There are two subfolders – “Arduino” and “Timestamps”.

* Arduino subfolder: “Get” subfolder contains the 1DoF platform motion feedback from the Arduino board by using the optical encoder of the linear actuator (empty because still under development!).
* Arduino subfolder: “Send “subfolder contains information such as the voltage, the delay and if the platform should move up or down for each loaded trace. The files are named by the traces loaded by the user.
* Timestamps subfolder: contains information about the 1D timestamps hh:mm:ss:ms (when the 1D platform starts and ends)