

BasicAcquisition

This program facilitates data gathering from the Aurora and Polaris Vicra systems from Northern Digital Inc. (Ontario Canada).

Input:

1. Configuration file containing settings for the data acquisition. Format is xml. For full details please look at the files included in the distribution.

Output:

1. For each tool there should one data files. File names are `port_X_Y.Z.txt` where `X` is the port on which the tool is connected, `Y` is the channel on that port, 0 or 1 (Aurora can have two 5D tools on a single port, using a splitter), and `Z` is a running index whose initial value is specified in the xml configuration file. Format is ASCII with one frame per line with the following format:

```
timestamp X Y Z QX QY QZ QW
```

- timestamp - in milliseconds.
- X Y Z - translation in millimeters.
- QX QY QZ QW - unit quaternion.

Please report bugs and problems to: Ziv Yaniv, zivy@isis.georgetown.edu

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