

WHAT IS GOING ON WITH THE BEAM?

SSH to the control panel

Call the shifter

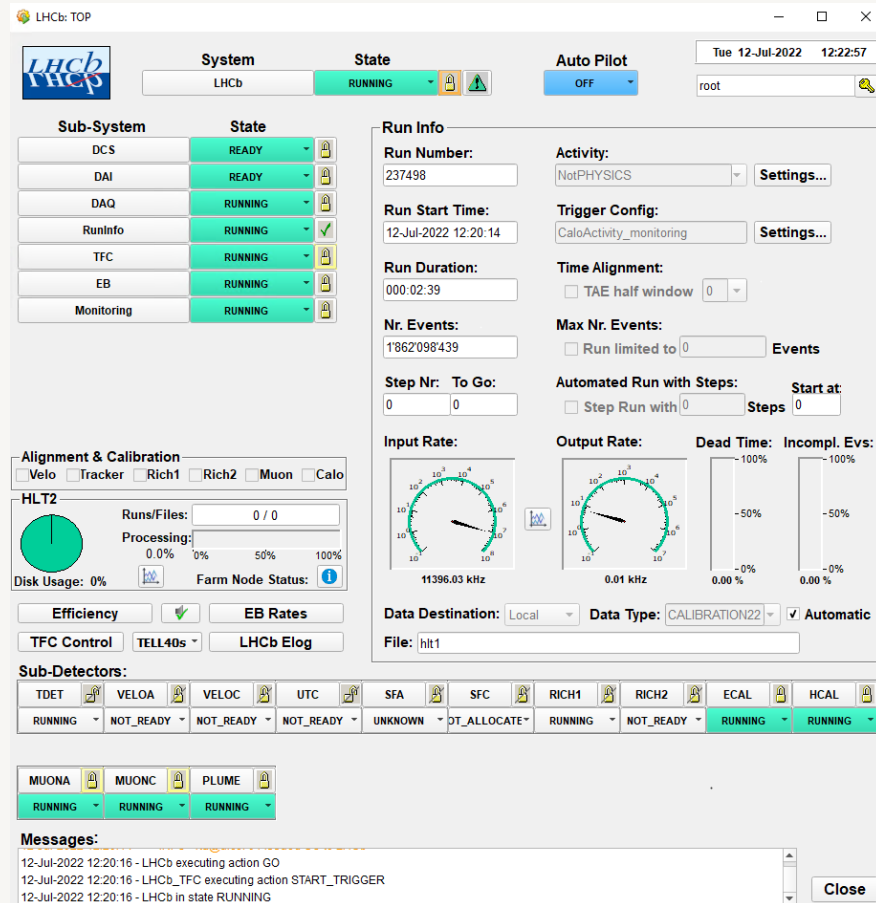
Read the log

Physically go to the control room

WHAT IS GOING ON WITH THE BEAM?

SSH to the control panel

- You need a computer
- Time to set up
- Too much control



WHAT IS GOING ON WITH THE BEAM?

Call the shifter



Read the log

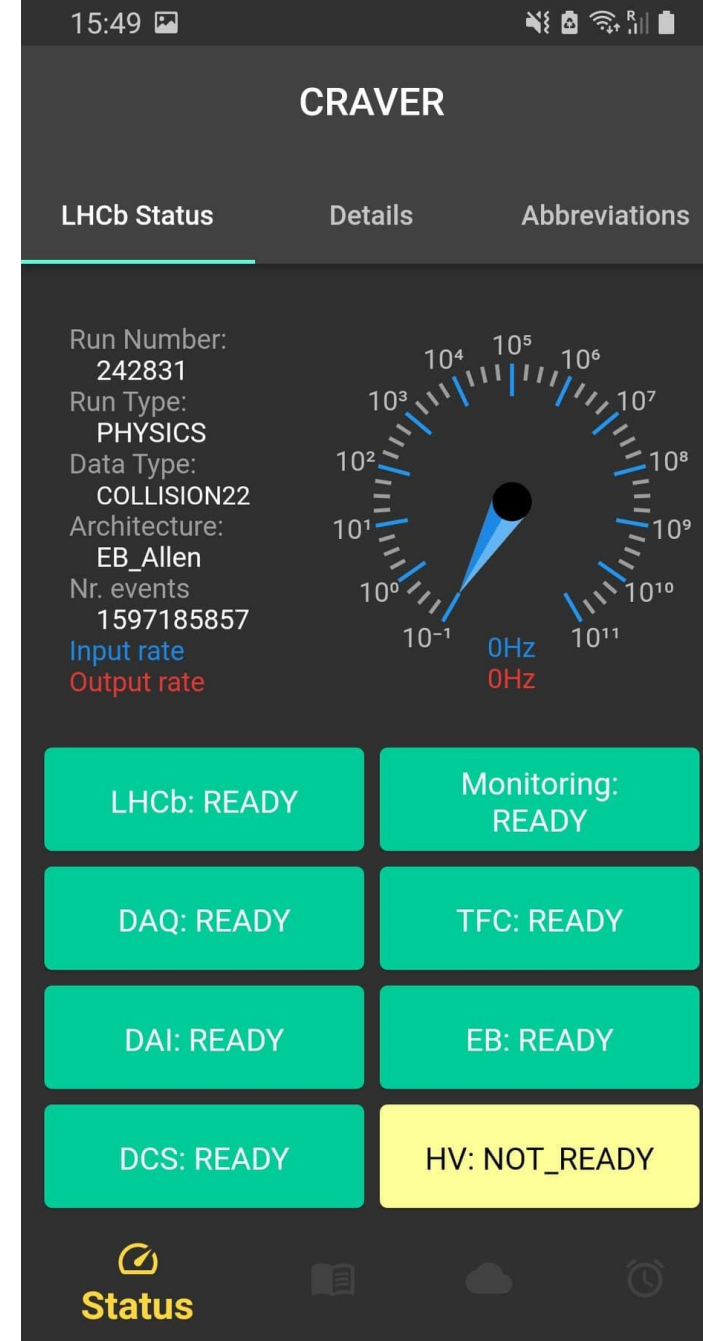
The screenshot shows a logbook application interface. At the top, there's a header with a home icon, a search bar, and navigation icons. Below the header, there's a section for "Logbook" with a table of logs. The table has columns for "Time", "Frequency", and "Other". The logs are listed in chronological order. On the right side, there's a sidebar with a list of stations. At the bottom, there's a navigation bar with icons for home, search, and other functions.

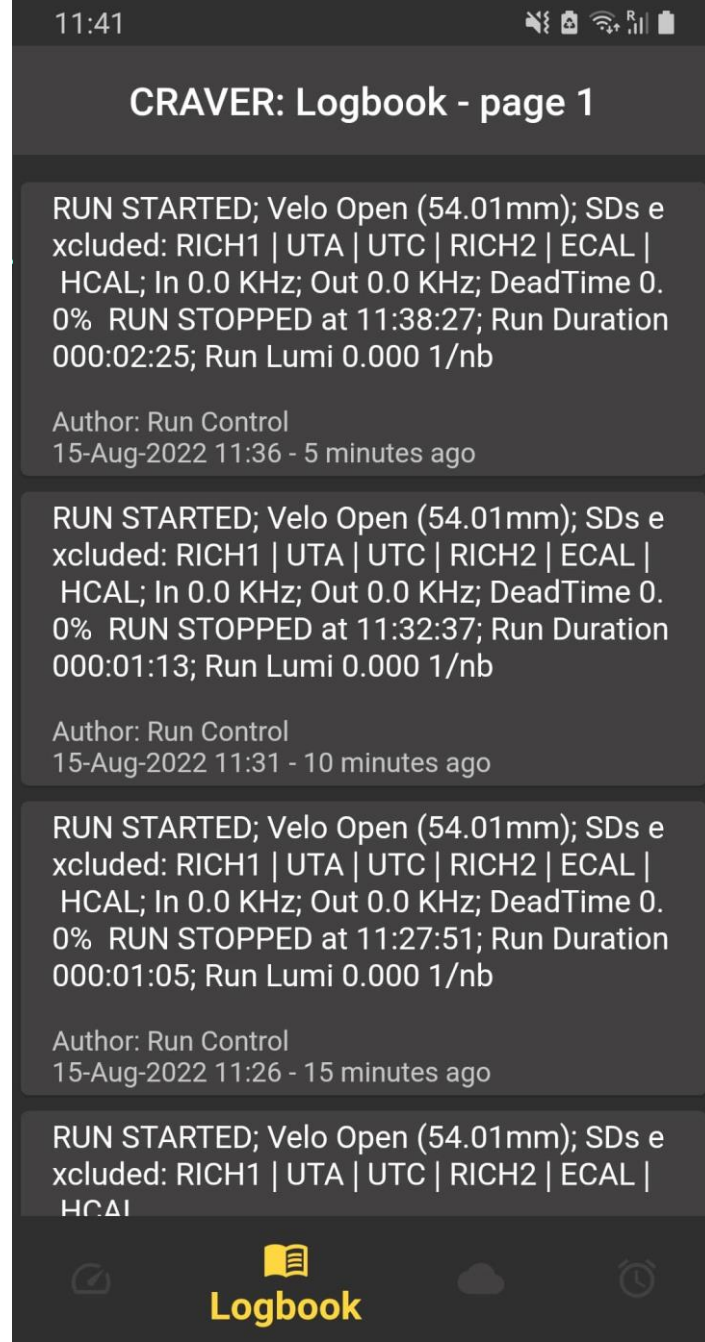
| Time | Frequency | Other |
|--|------------|------------|
| 7259 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
| a: Out: 660 & 82R; Duration: 0.05 | | |
| N STOPPED at 02:08:58; Run Duration: 02:08:00; Run Lums: 0.000 0.00h | | |
| 7258 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
| a: Out: 660 & 82R; Duration: 0.05 | | |
| N STOPPED at 02:08:58; Run Duration: 02:08:00; Run Lums: 0.000 0.00h | | |
| 7257 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
| a: Out: 660 & 82R; Duration: 0.05 | | |
| N STOPPED at 02:08:58; Run Duration: 02:08:00; Run Lums: 0.000 0.00h | | |
| 7256 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
| a: Out: 660 & 82R; Duration: 0.05 | | |
| N STOPPED at 02:08:58; Run Duration: 02:08:00; Run Lums: 0.000 0.00h | | |
| 7255 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
| a: Out: 660 & 82R; Duration: 0.05 | | |
| N STOPPED at 02:08:58; Run Duration: 02:08:00; Run Lums: 0.000 0.00h | | |
| 7254 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
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| 7252 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
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| 7251 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
| a: Out: 660 & 82R; Duration: 0.05 | | |
| N STOPPED at 02:08:58; Run Duration: 02:08:00; Run Lums: 0.000 0.00h | | |
| 7250 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
| a: Out: 660 & 82R; Duration: 0.05 | | |
| N STOPPED at 02:08:58; Run Duration: 02:08:00; Run Lums: 0.000 0.00h | | |
| 7249 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (34.01mhz); SWs excluded; VEGLOA & VEGLOK & RICOR & UTA & UTC & SFA & SPC & RDCOR & RCAL & MC | | |
| a: Out: 660 & 82R; Duration: 0.05 | | |
| N STOPPED at 02:08:58; Run Duration: 02:08:00; Run Lums: 0.000 0.00h | | |
| 7248 | 146.000000 | 146.000000 |
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| 7245 | 146.000000 | 146.000000 |
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| 7244 | 146.000000 | 146.000000 |
| N STARTED: Vela Open (| | |

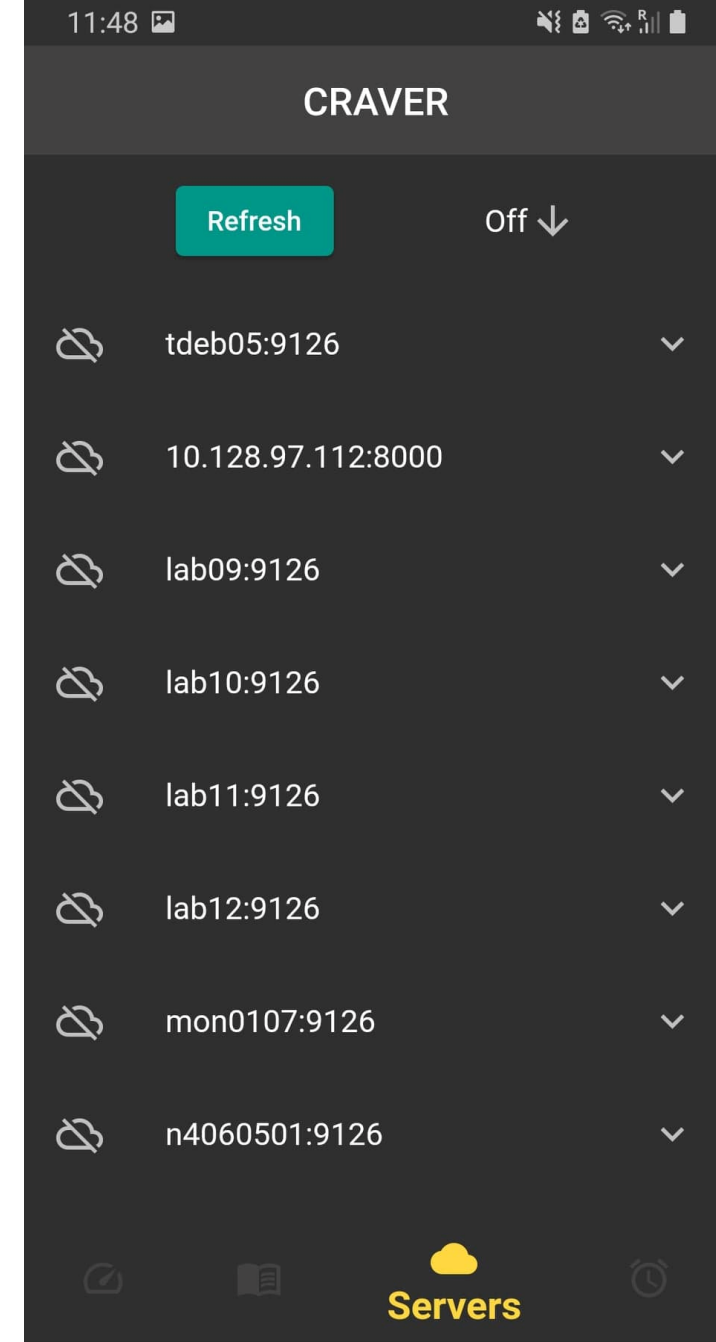
WHAT IS GOING ON WITH THE BEAM?



Physically go to the control room







FUTURE

- You decide!
- Customizable alarms and notifications
 - DSS alarms
- Security improvements



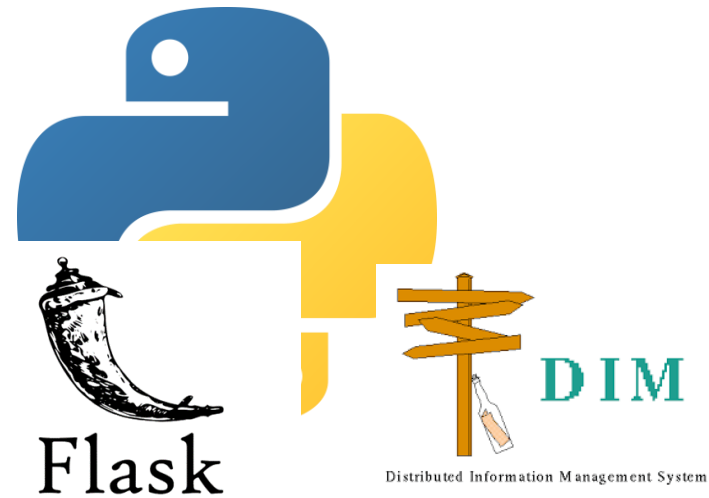
TECHNICAL DETAILS

CRAVER

FLUTTER APP



PYTHON BACKEND



DBOD





CRAVER

Coming soon to a {play/app} store near you



LINKS AND DETAILS

BE A BETA TESTER! (ONLY ANDROID)

<https://cernbox.cern.ch/index.php/s/pxXxGTxXhaeRQii>

SOURCE CODE

<https://gitlab.cern.ch/lhcb-online/craver>

CONTACT (SUGGEST FEATURES!)

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