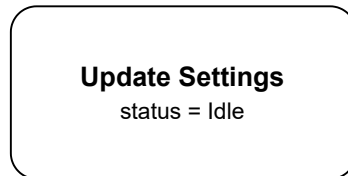
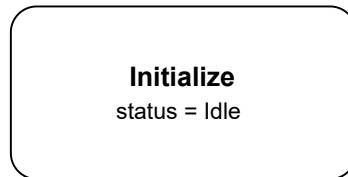


Logging MHL: Possible states

1. Idle
2. Logging

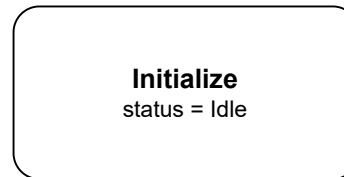
Logging Loop



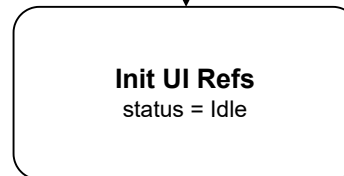
UI MHL: Possible states

1. Idle
2. Acquiring and Logging
3. Waiting for Exit
4. Waiting for Exit (Acq Stopped)
5. Waiting for Exit (Log Stopped)
6. Waiting for Stop
7. Waiting for Stop (Acq Stopped)
8. Waiting for Stop (Log Stopped)

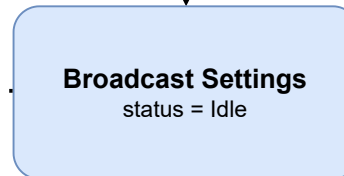
UI Message Loop



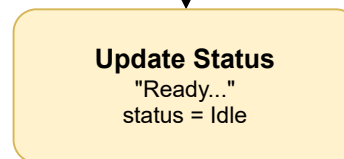
Read settings from XML file.
If not file does not exist, return
default settings



Gets UI references from buttons,
controls and indicators.
Enable Start,Exit, Settings buttons
Disable Stop button



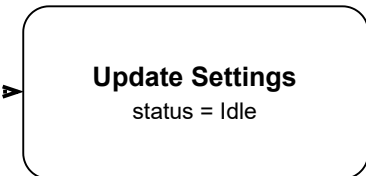
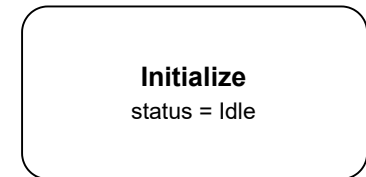
Send settings to Acquisition
& Logging Loops.



Acquiring MHL: Possible states

1. Idle
2. Acquiring

Acquisition Loop



Broadcast Logging
Configuration Data

Broadcast Hardware
Configuration Data

Logging MHL: Possible states

1. Idle
2. Logging

Logging Loop

UI MHL: Possible states

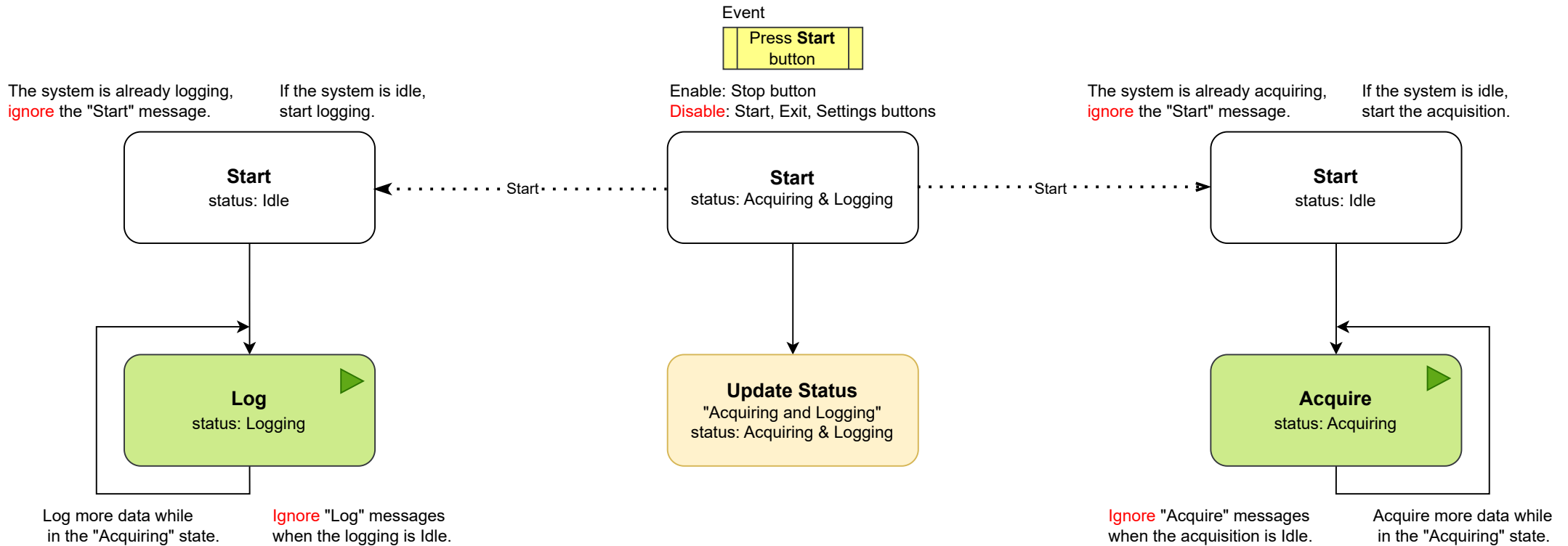
1. Idle
2. Acquiring and Logging
3. Waiting for Exit
4. Waiting for Exit (Acq Stopped)
5. Waiting for Exit (Log Stopped)
6. Waiting for Stop
7. Waiting for Stop (Acq Stopped)
8. Waiting for Stop (Log Stopped)

UI Message Loop

Acquiring MHL: Possible states

1. Idle
2. Acquiring

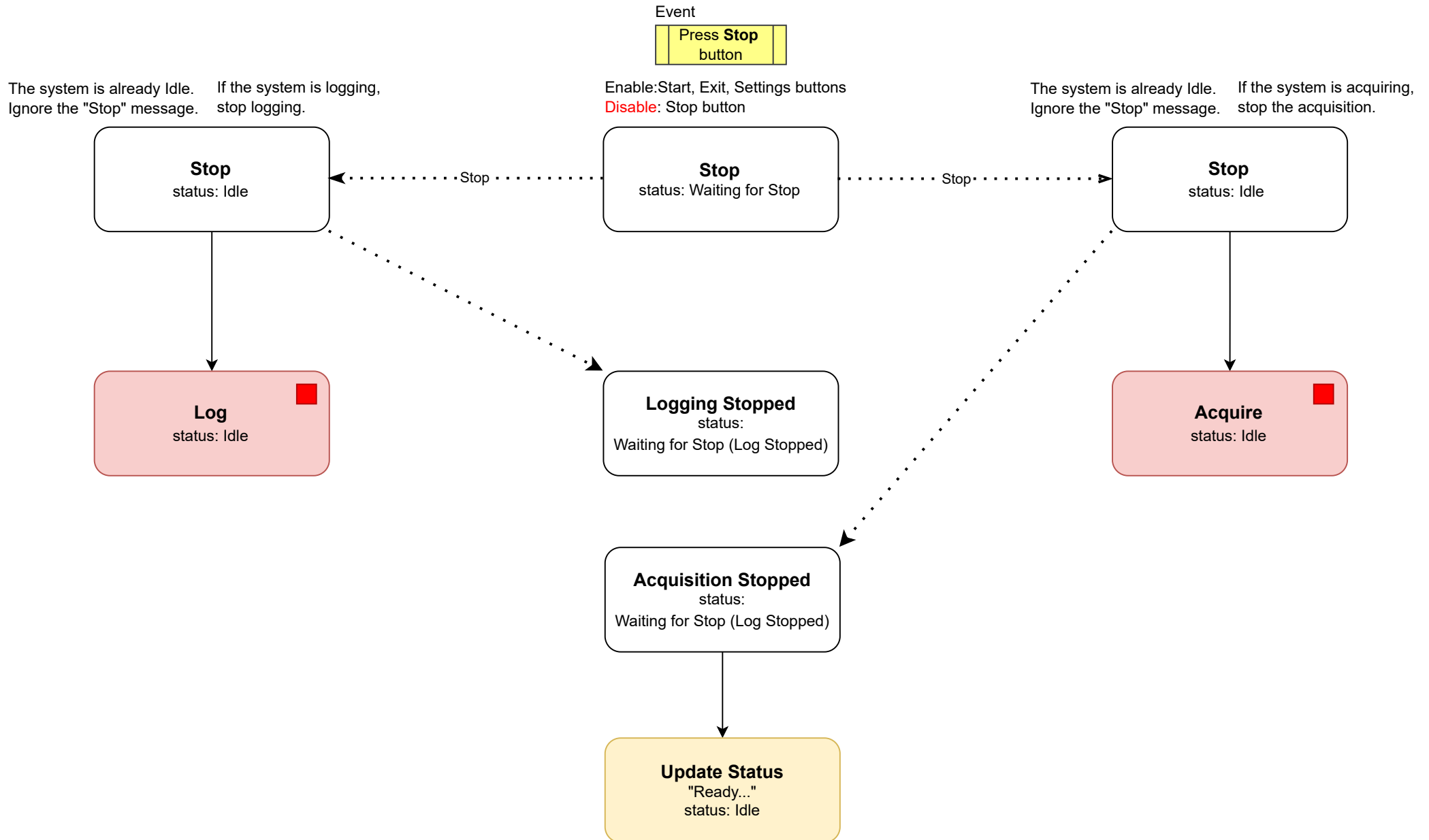
Acquisition Loop



Logging Loop

UI Message Loop

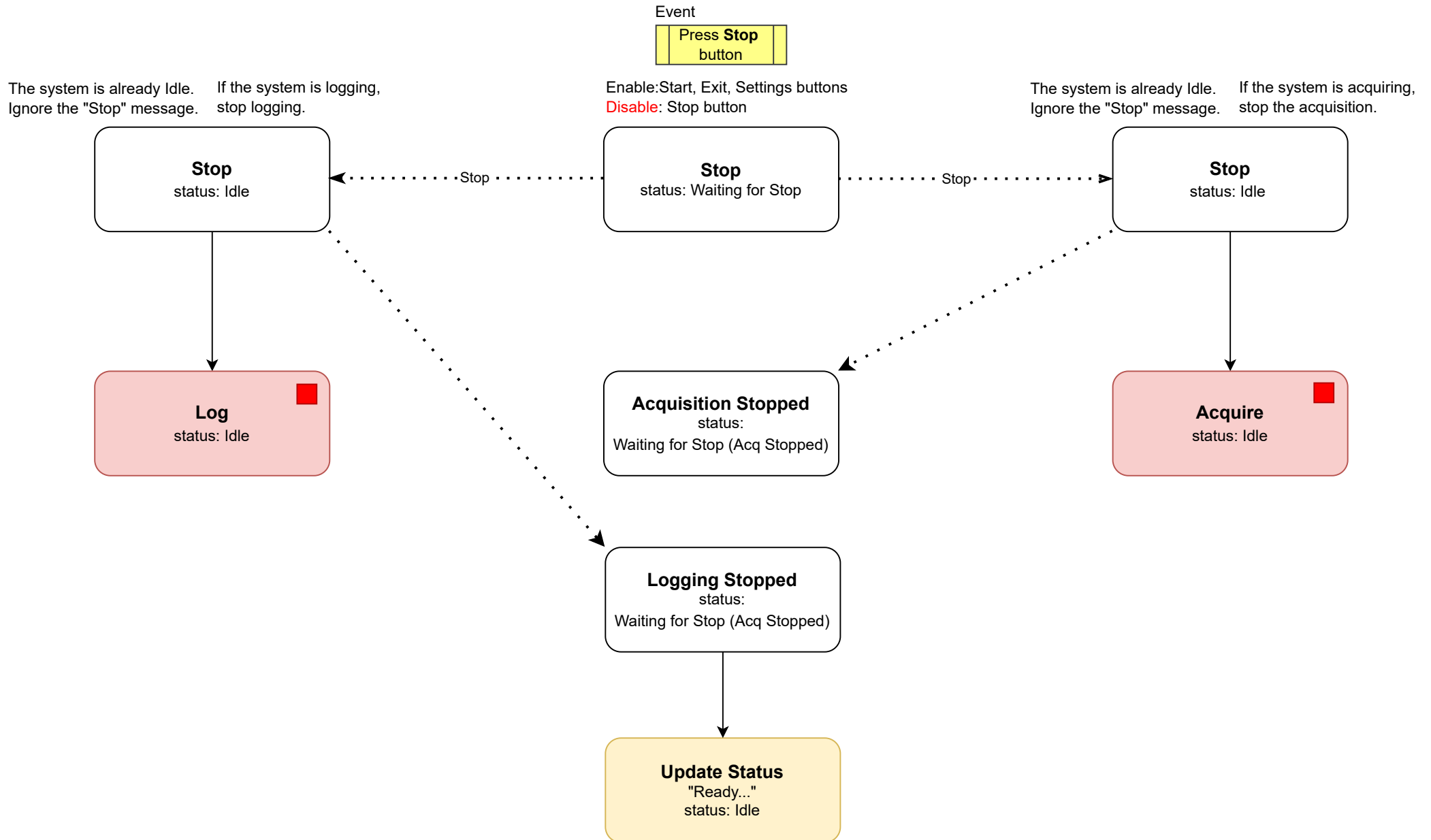
Acquisition Loop



Logging Loop

UI Message Loop

Acquisition Loop



Logging MHL: Possible states

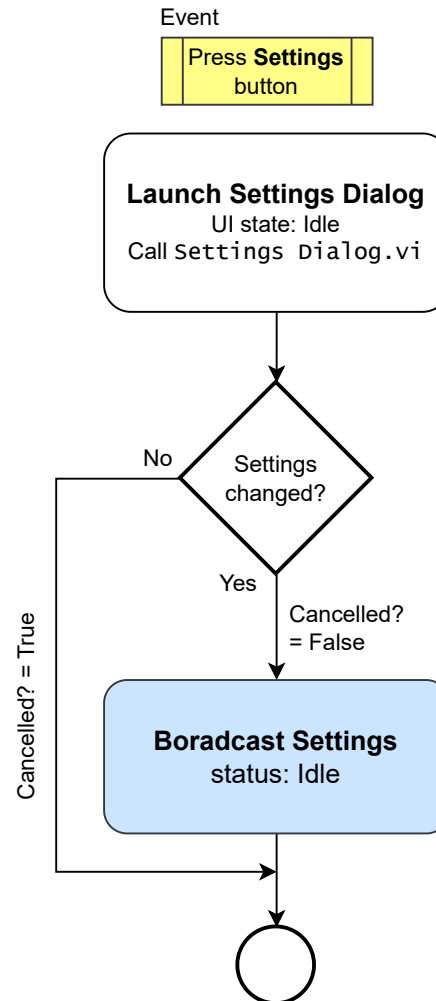
1. Idle
2. Logging

Logging Loop

UI MHL: Possible states

1. Idle
2. Acquiring and Logging
3. Waiting for Exit
4. Waiting for Exit (Acq Stopped)
5. Waiting for Exit (Log Stopped)
6. Waiting for Stop
7. Waiting for Stop (Acq Stopped)
8. Waiting for Stop (Log Stopped)

UI Message Loop



Acquiring MHL: Possible states

1. Idle
2. Acquiring

Acquisition Loop