

# Lessons Learned

- [XINA Markers](#)

# XINA Markers

- Managing Marker IDs (aka primary and secondary IDs):
  - Having to manage a master marker list is prone to error
  - Takes a lot of work
  - Quickly creating new markers for ad hoc tests is slow, which can often result in markers not being created at all
- Procs/scripts that end early, either intentionally or due to error:
  - Leaves dangling open markers
  - Open markers had to be manually closed by knowing the primary and secondary ID of the open marker(s)...error prone
  - No immediate feedback on which markers are opened. Test conductors are unaware that markers are left open.
  - Added convention where an ID of 0 with close flag will close all open markers
    - Doesn't play nicely with long duration "wrapper" markers, since those will be accidentally closed
- Tagging "bad" markers
  - On OCI we use the convention of having a "debug" metadata key. "yes" means the data should be ignored, else "no"
  - Does not work when the proc is automated since the proc will automatically close the marker
  - The 10 minute import frequency means you have to wait to be able to tag a marker as "bad"
  - Not well integrated with the web interface
    - Needs easy filters to ignore "bad" markers
    - Display "bad" tag on markers
    - Need button to easily tag a "bad" marker
- Marker label should be increased from 64 bytes to 128 bytes?
- Metadata
  - key search is case sensitive
    - Solution: enforce all uppercase or lowercase keys