

THE STATE OF LENS METADATA IN VFX

An open survey for better pipelines

Gary Keller - Digital Camera Systems

/* ACADEMY SOFTWARE FOUNDATION



What is **Lens Metadata**?

Frame-accurate record of what a **lens** is physically doing at **any** given time

Per-frame



Focus

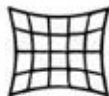


Iris / T-stop



Focal length

Calibrated lens characteristics

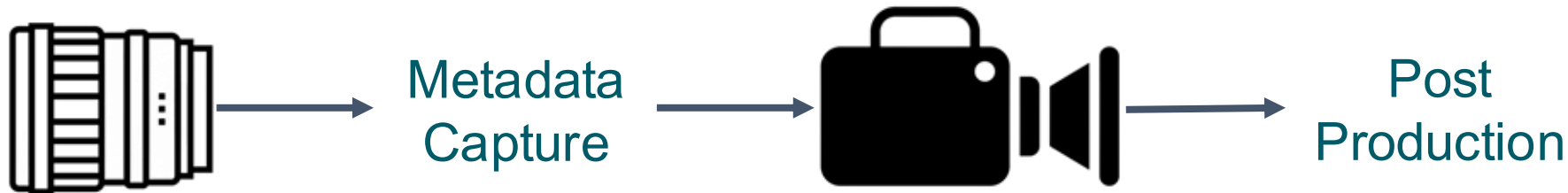


Distortion



Shading / vignetting

Where does DCS sit in the process?



Why metadata is important



**STOP REVERSE-
ENGINEERING**



**SAVE TIME
& BUDGET**

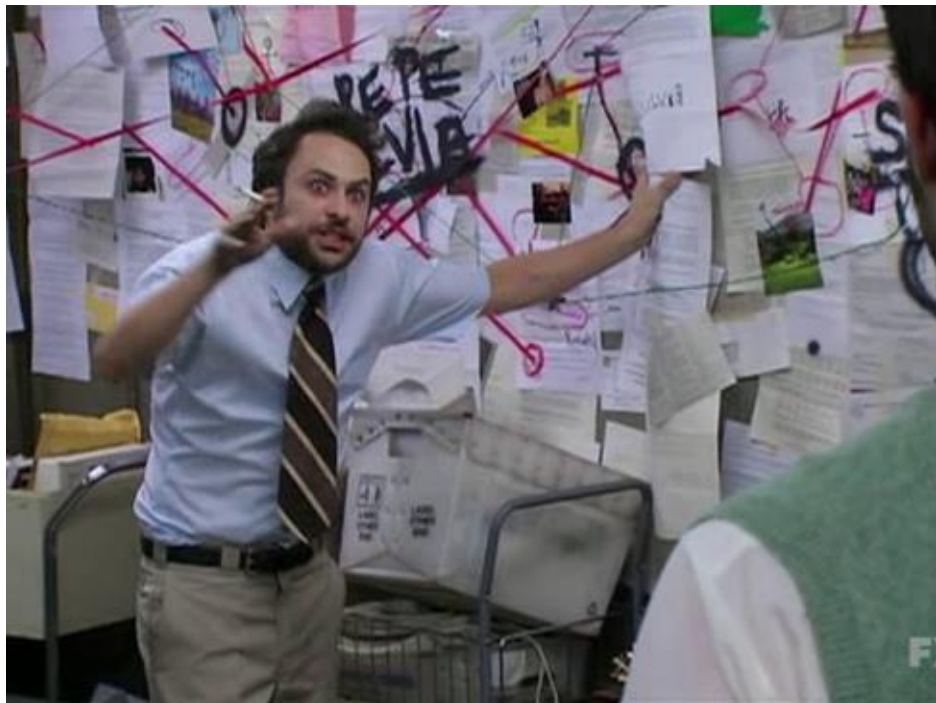
**METADATA IS THE INDUSTRY LEVER
FOR BETTER COST & CRAFT**

The Current State of Metadata



The Current State of Metadata

Nobody
really knows!



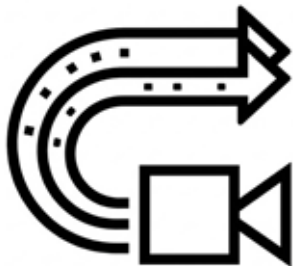
VES On-Set Data Collection and Usage Guide



BUT....

What actually happens?

The Lens Metadata Survey



AVAILABILITY

How well is it captured
and delivered?



TRUST

How reliable is it to
use?



IMPACT

What happens when
it's missing?

Open Results for The Community



Help Us Measure the Gap

TAKE THE SURVEY



<https://bit.ly/lens26>