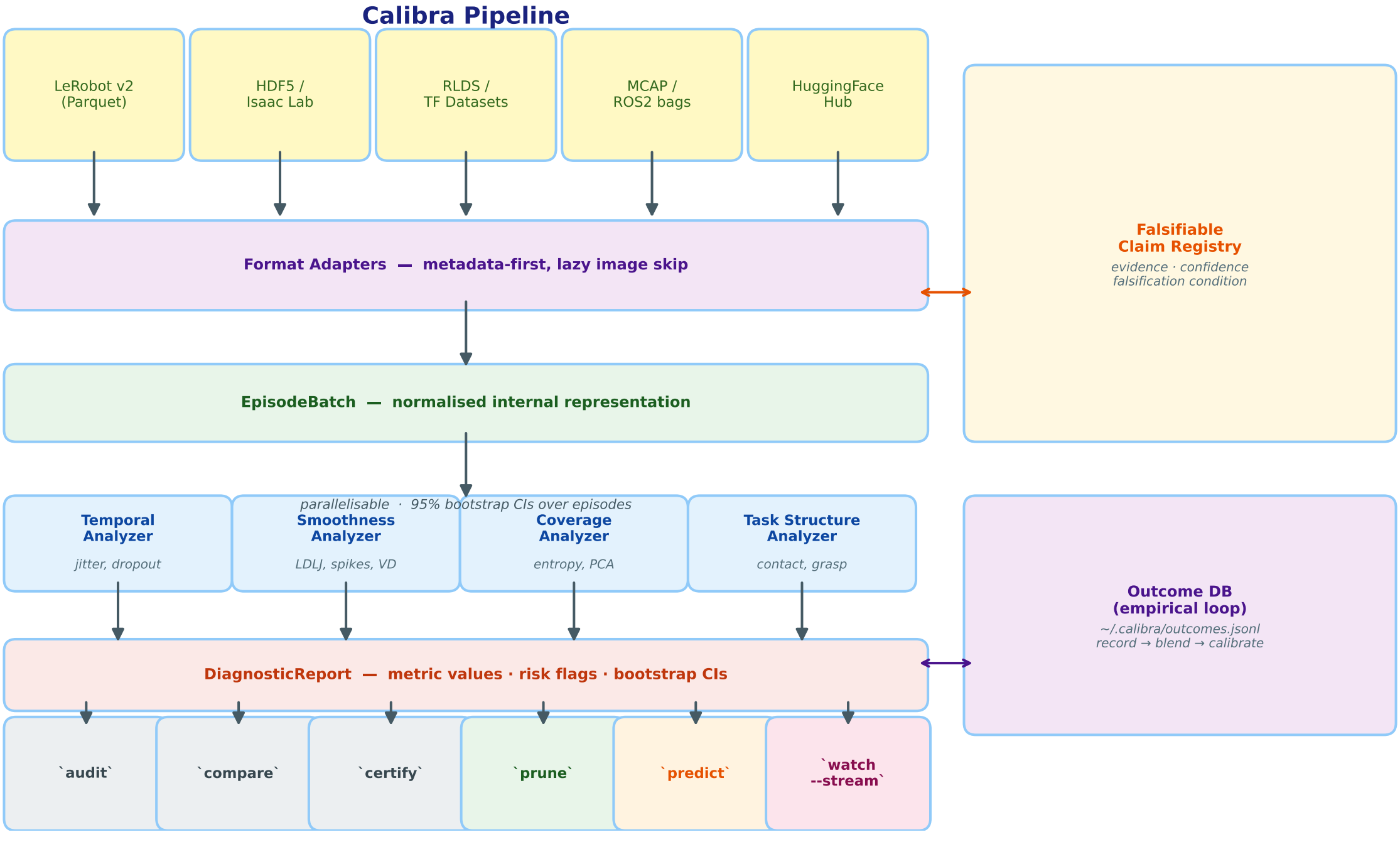
Calibra Pipeline
LeRobot v2 (Parquet)
HDF5 / Isaac Lab
RLDS / TF Datasets
MCAP / ROS2 bags
HuggingFace Hub
Format Adapters — metadata-first, lazy image skip
Falsifiable Claim Registry
evidence · confidence
falsification condition
EpisodeBatch — normalised internal representation
parallelisable · 95% bootstrap CIs over episodes
Temporal Analyzer
jitter, dropout
Smoothness Analyzer
LDLJ, spikes, VD
Coverage Analyzer
entropy, PCA
Task Structure Analyzer
contact, grasp
Outcome DB (empirical loop)
~/.calibra/outcomes.jsonl
record → blend → calibrate
DiagnosticReport — metric values · risk flags · bootstrap CIs
`audit`
`compare`
`certify`
`prune`
`predict`
`watch --stream`