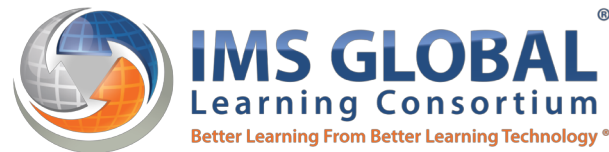


Surfacing Caliper at Scale with Blackboard Data

Blackboard

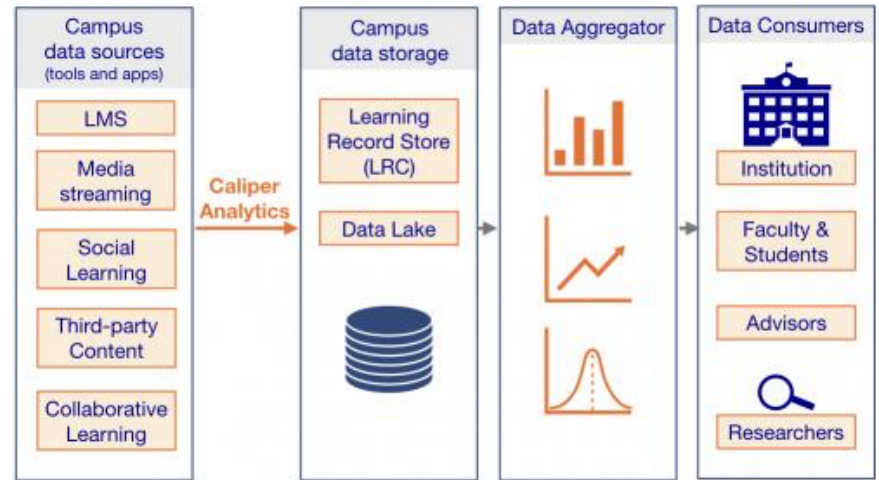
Steve Bailey
Sr Product Marketing Manager, Analytics



The Problem...

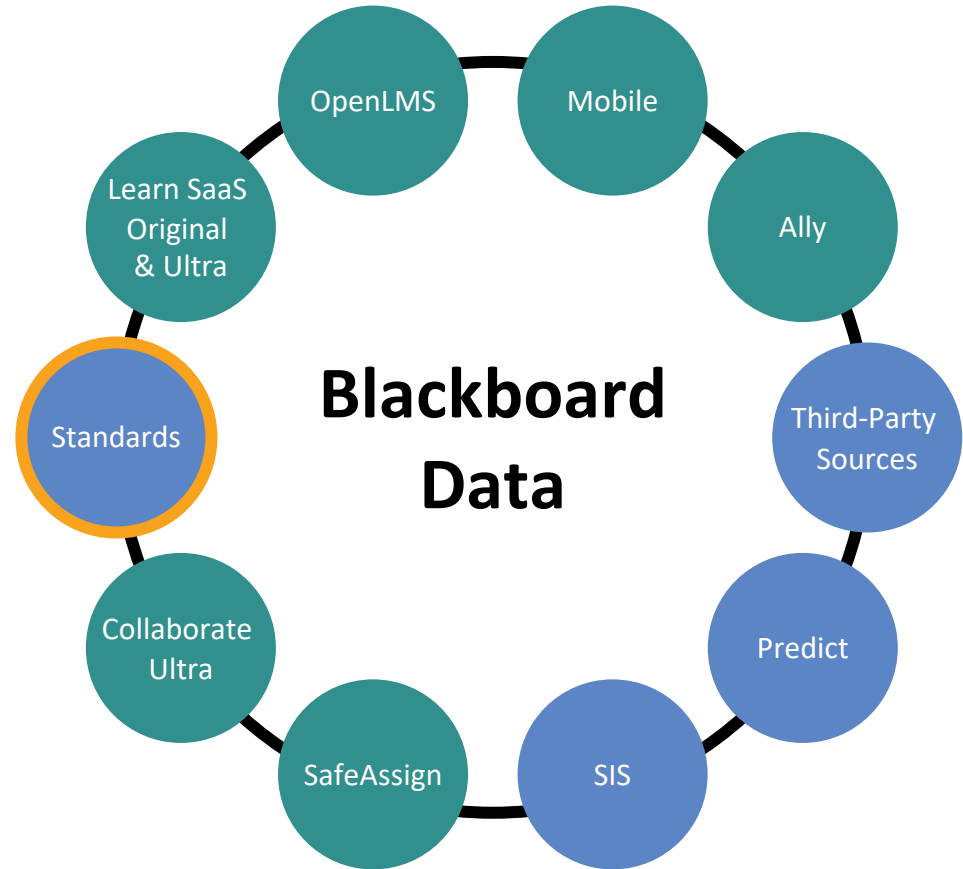
- Multiple tools combine to create the student digital experience
- Getting usage data from these tools is problematic
- Caliper solves this problem using standards, **but**
 - As yet not widely adopted
 - Little reporting has been created

Here's our approach to fixing it...



Blackboard Data: The Power of Platform

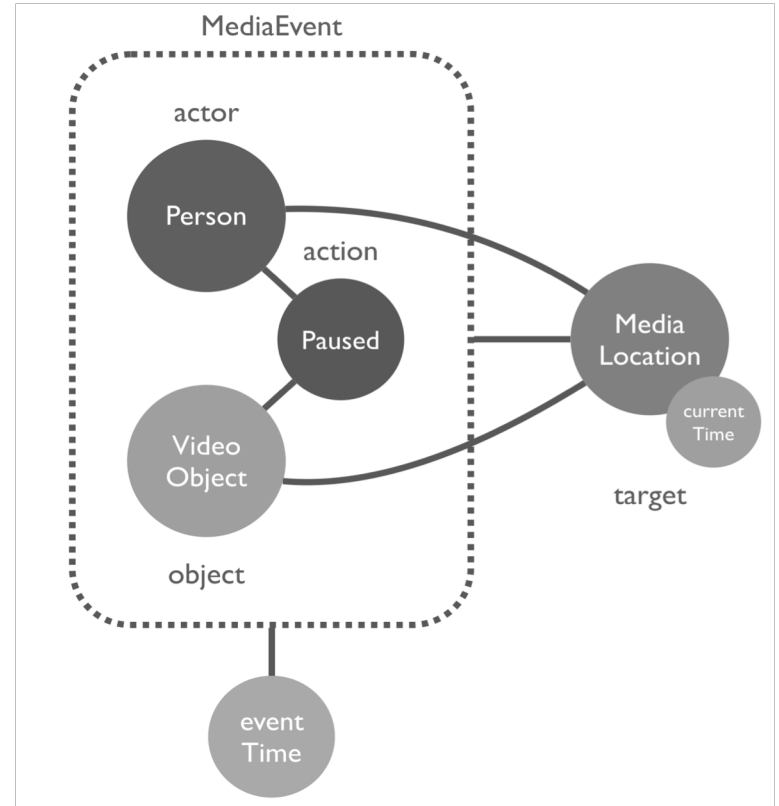
- Canonical Data Model
- All SaaS T&L Products*
- Cloud-based
- Large scale deployment
- 3rd Party data through standards



Kaltura and IMS Caliper

As a launch provider,
Kaltura was Caliper-ready on Day 1
Currently emitting on the Media Metric Profile
In the future: Assessment Profile

Started, Paused, Resumed, Restarted, Ended,
ForwardedTo, JumpedTo,
ChangedResolution, ChangedSize, ChangedSpeed, ChangedVolume,
EnabledClosedCaptioning, DisabledClosedCaptioning,
EnteredFullScreen, ExitedFullScreen,
Muted, Unmuted,
OpenedPopout, ClosedPopout



Work in Progress – Structure and examples



- How much are instructors using this tool?
 - Number of media objects and total minutes duration by month
- How much are students using this tool?
 - Number of users, objects accessed and accesses by month
- Which students are using this tool the most?
 - Top 10 students based on number of objects accessed and number of accesses

Next Steps

Get Real Data

Derive Additional Data Points

Map Users and Launch Points (courses)

Construct a Canonical Model for Media Access

Promote Caliper Adoption through greater visibility

Blackboard®