xAPI/Caliper Next Generation: Developing Consensus

Colin Smythe (IMS Chief Architect)
csmythe@imsglobal.org

© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Meeting Objectives

- To start the journey of appropriate alignment of the work by ADL on xAPI and IMS on Caliper
- To identify:-
  - The known/knowns
  - The known/unknowns
  - The unknown/knowns
  - The unknown/unknowns

© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Agenda

Time	Activity
09:00-09:30	Agree Agenda and Introductions
09:30-10:00	ADL and IMS Perspectives
10:00-10:30	xAPI Overview
10:30-10:45	Break
10:45-11:15	Caliper Overview
11:15-12:00	xAPI/Caliper Comparison
12:00-13:00	Lunch
13:00-15:00	Comparison of Caliper Profiles and xAPI Recipes
15:00-15:30	BREAK
15:30-16:30	Review of Transport Mechanisms
16:30-17:00	Wrap Up and Plans for Future Work

© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Introductions

- Quickly go around the room to introduce ourselves to each other
  - Name
  - Affiliation and Role
  - Interest in xAPI/Caliper
  - Key objective for the meeting

© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Initial Survey Result

- Adoption
  - 66% xAPI only, 10% Caliper only, 10% both, 14% neither
- Solution Perspective
  - 50% see xAPI and Caliper as solving the same
  - 20% see them solving different problems
- Support for convergence
  - 53% Yes, 12% No, 33% Not sure
- 78% would like to see a crosswalk/mapping of the data models and think it would be beneficial to both communities
- 38% of the respondents have already began work on comparing the two specs and are willing to share their findings

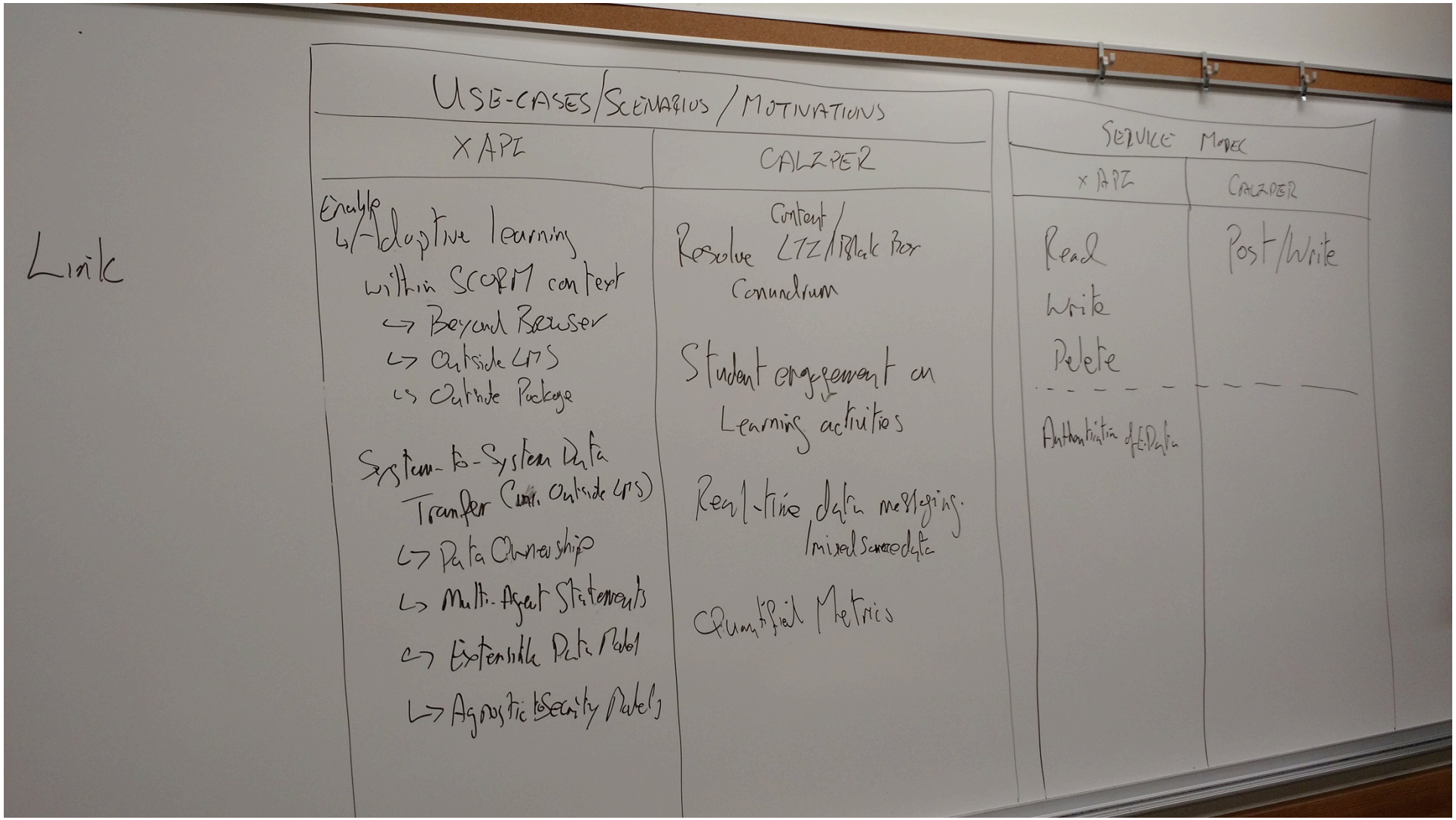
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

xAPI/Caliper Comparison

Category	xAPI	Caliper
Use-cases/Scenarios/Motivations		
Service/Endpoints		
Data Models		
Security Mechanisms		
Transport Mechanisms		
Vocabs, Profiles, Recipes		
Data Science		
Adoption Support		

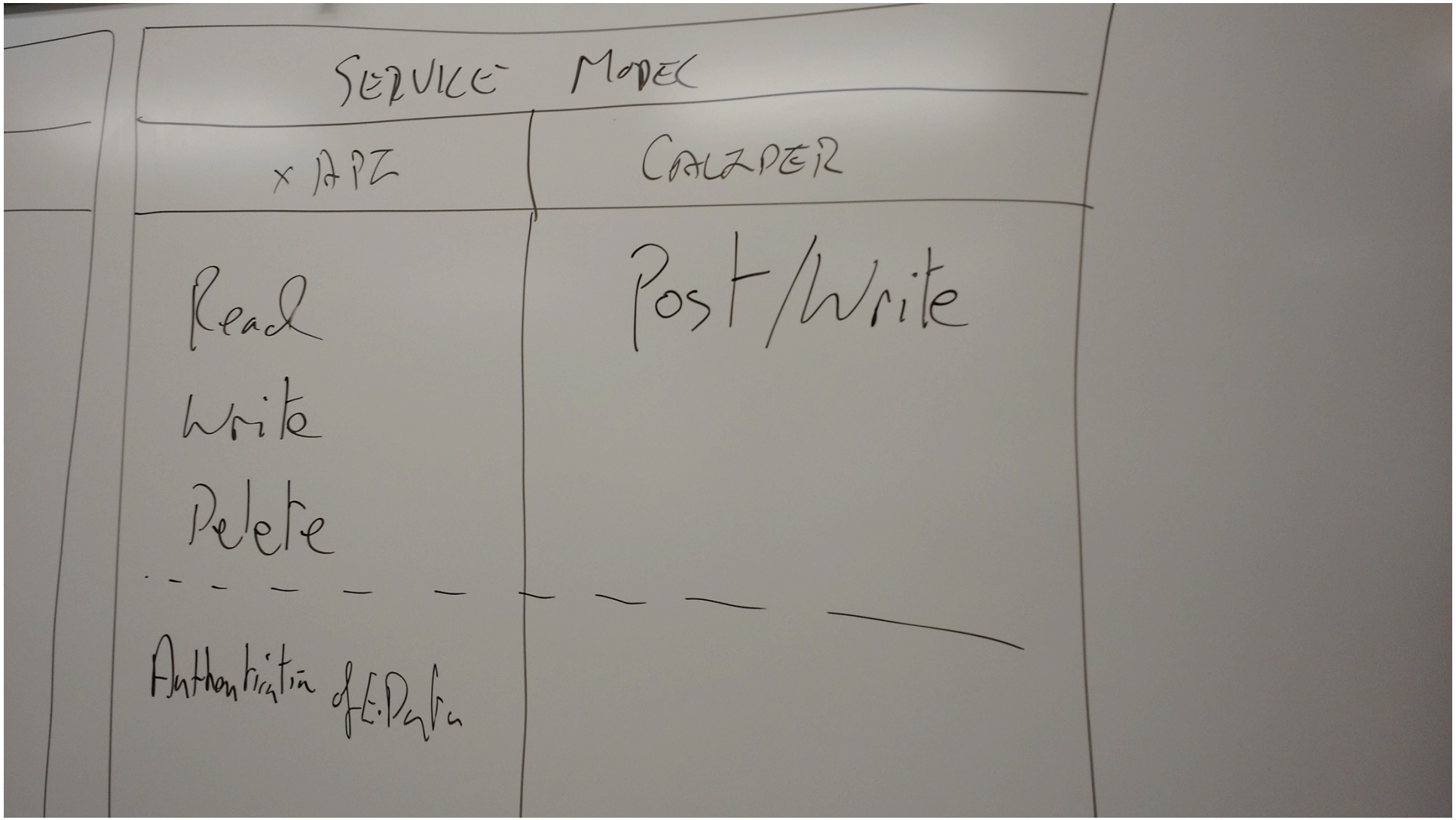
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Use-cases/Scenarios/ Motivations



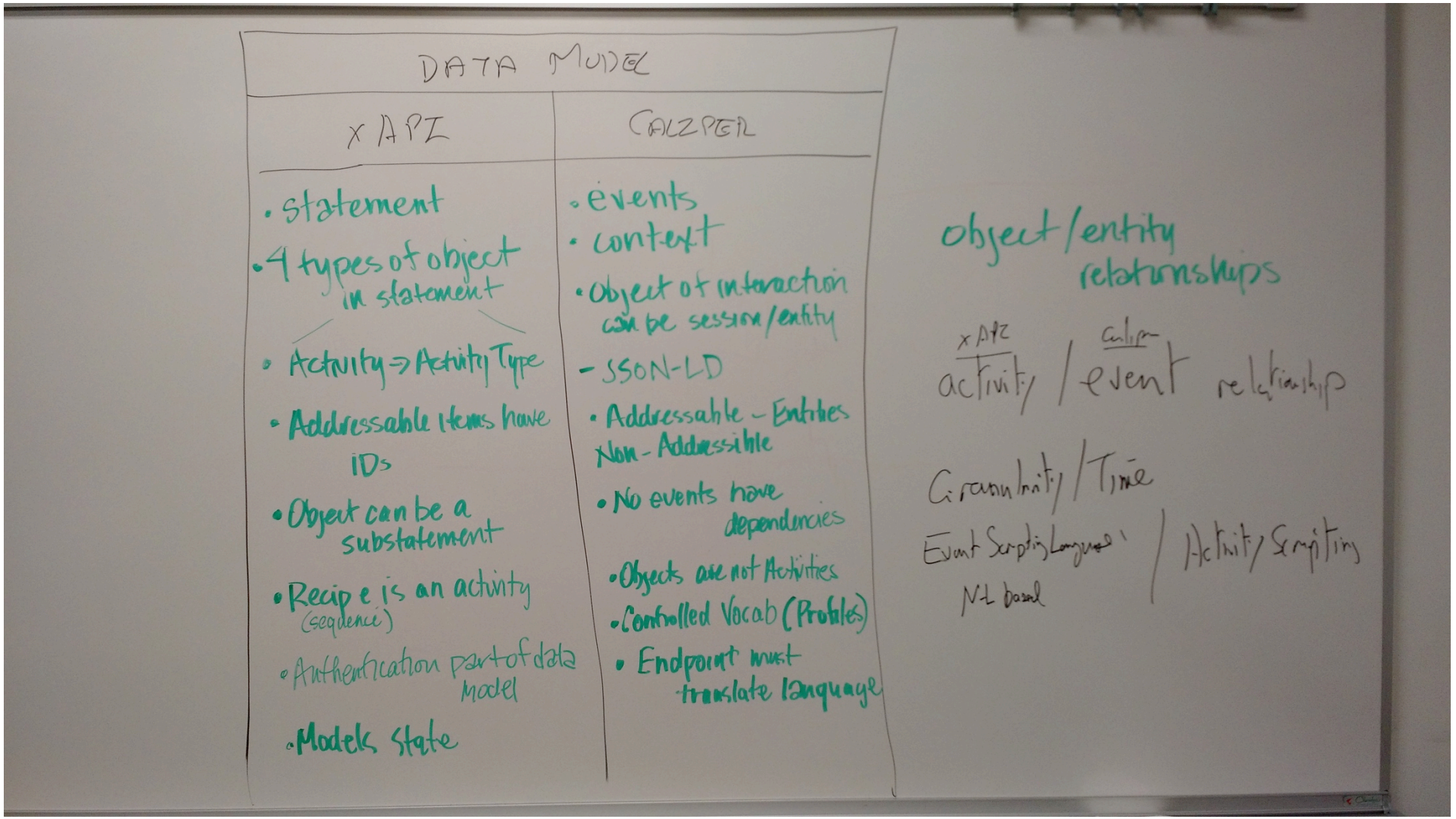
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Services/Endpoints



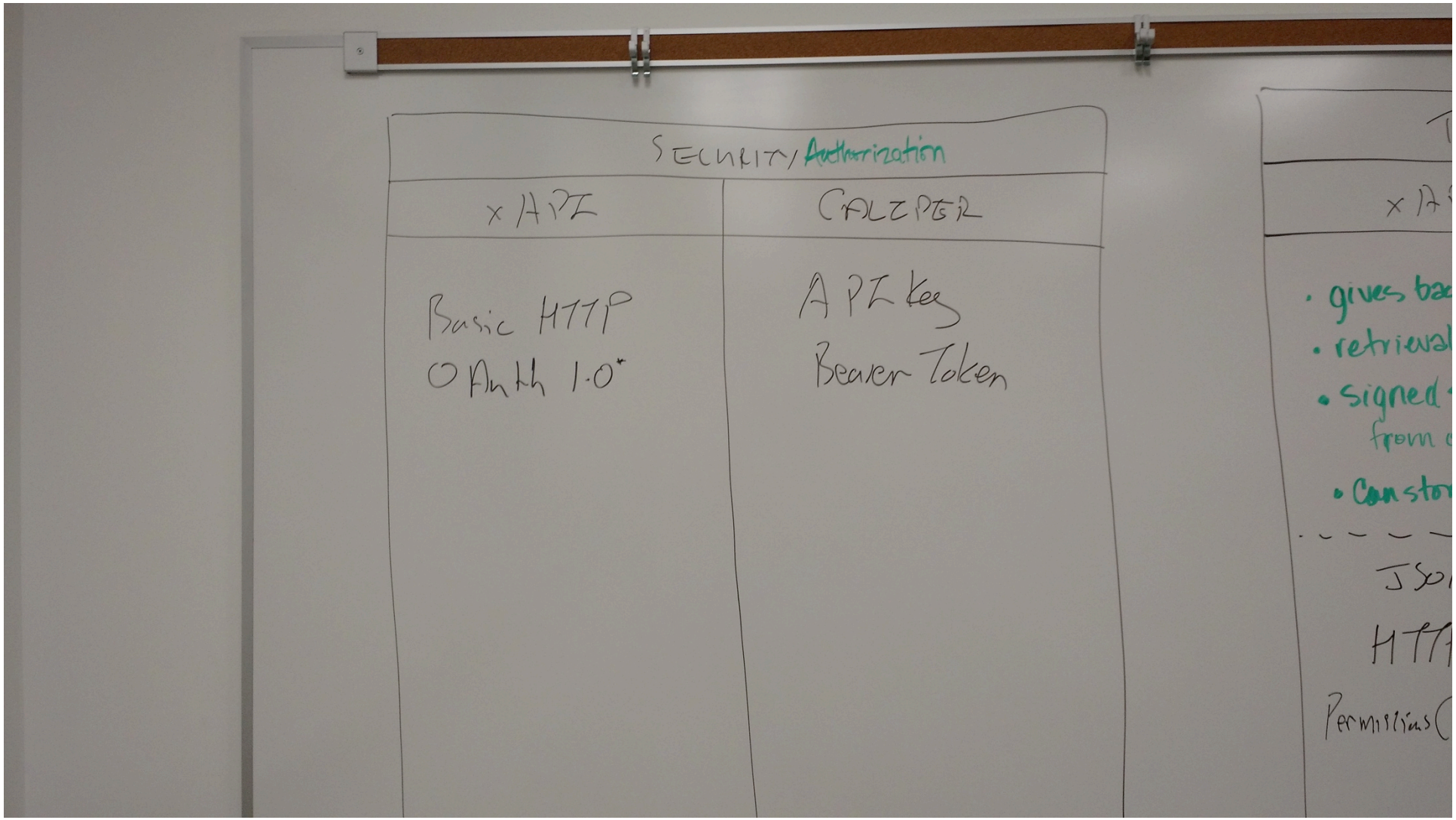
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Data Models



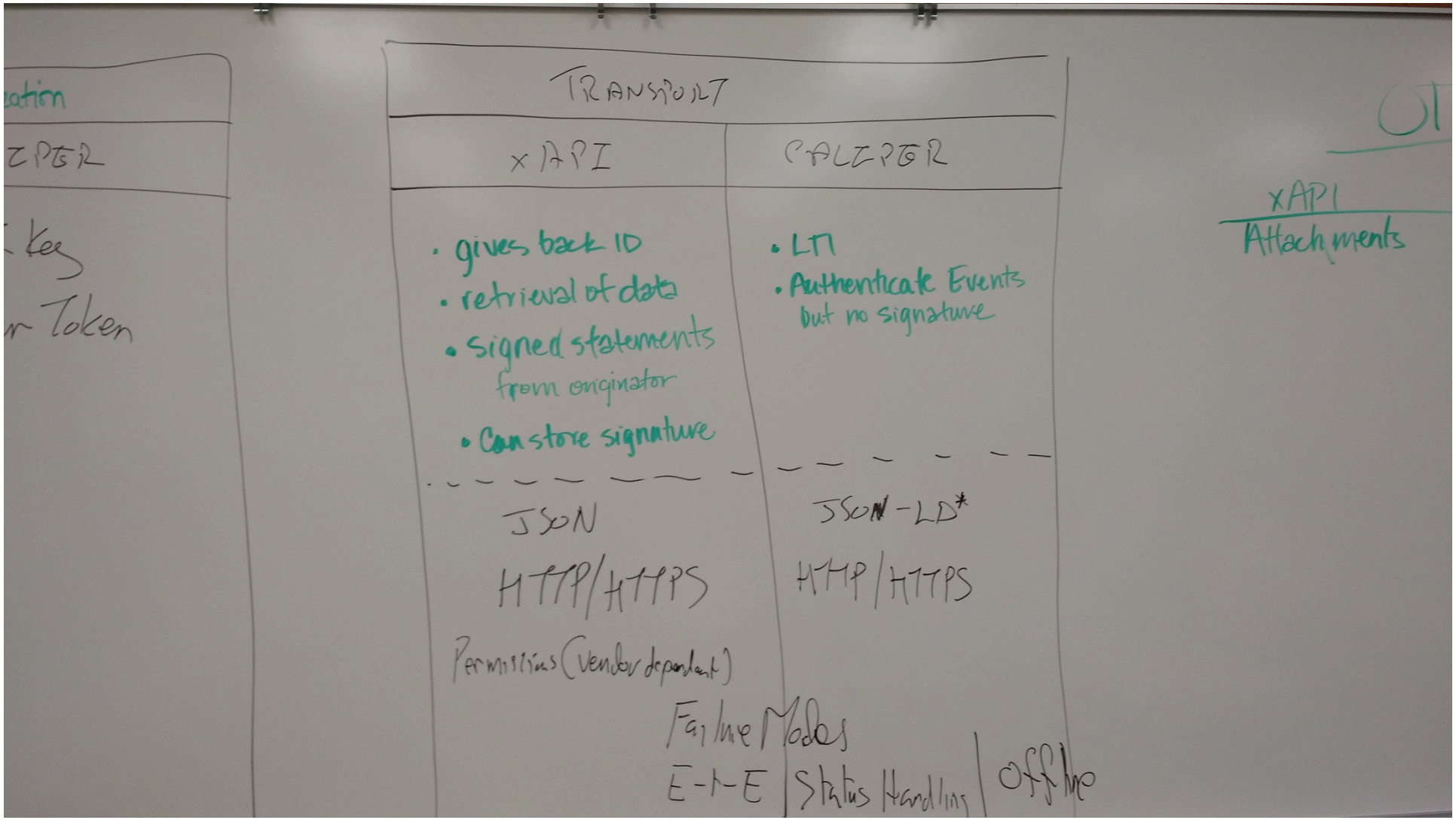
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Security Mechanisms



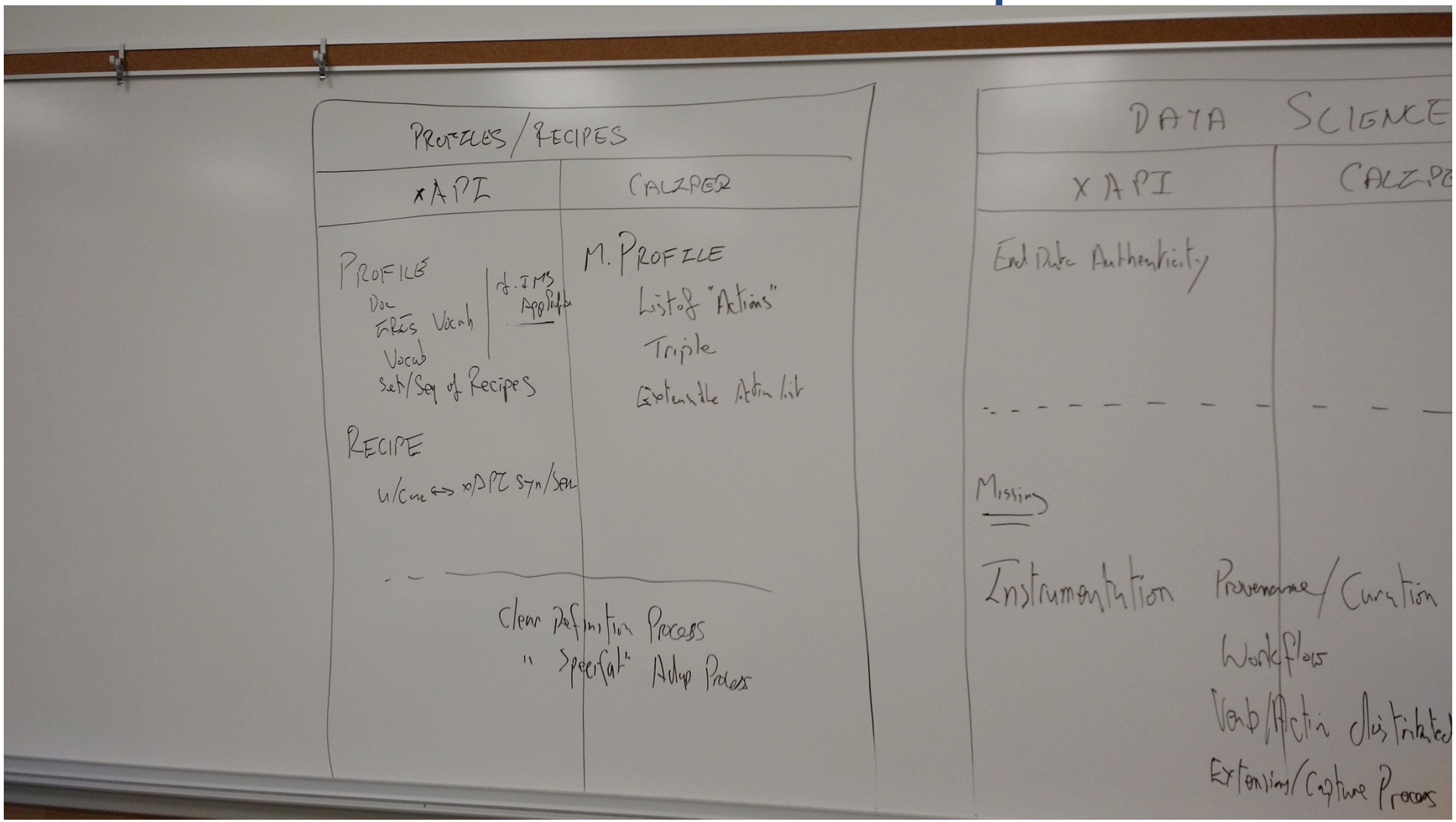
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Transport Mechanisms



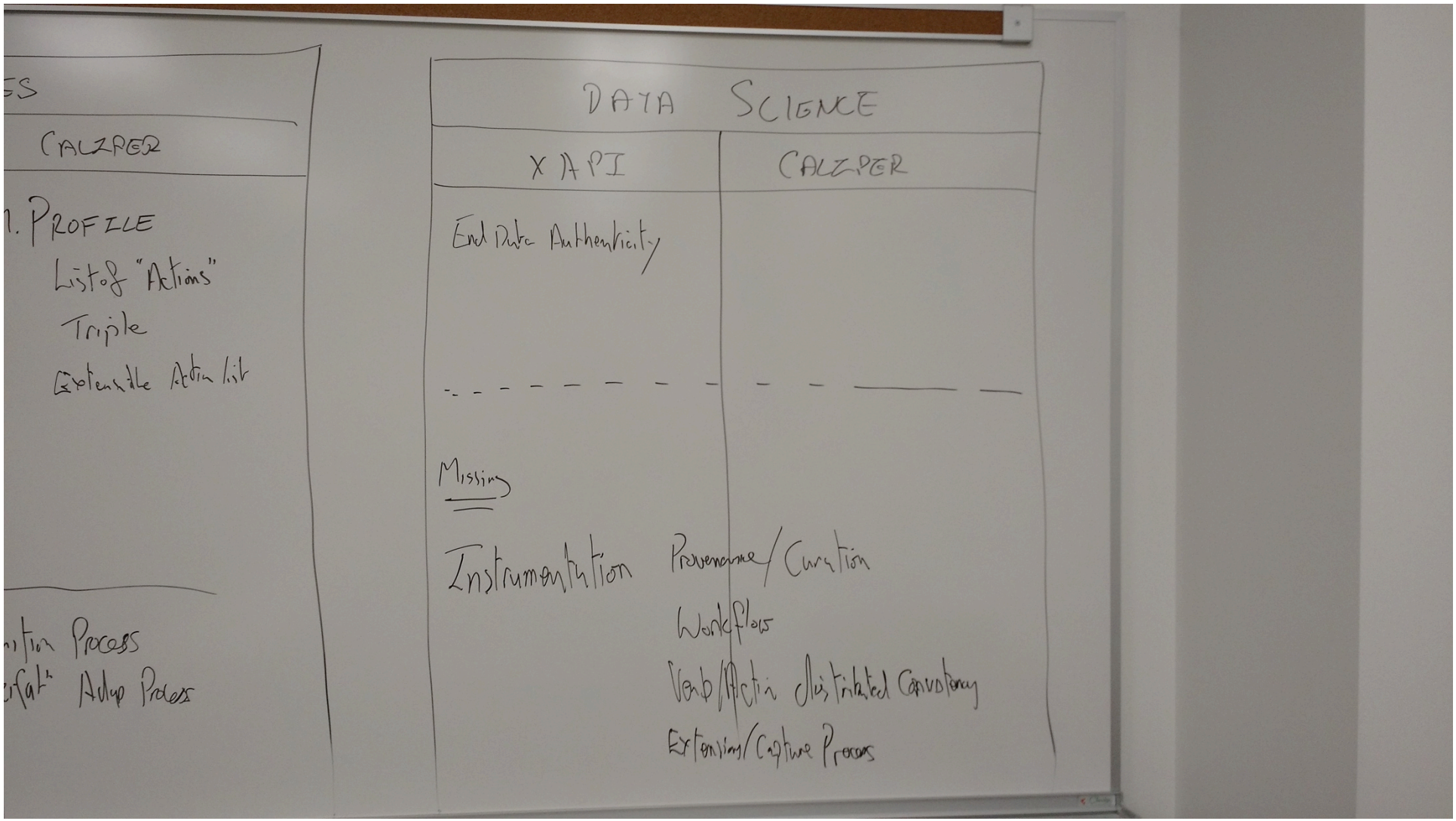
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Vocabs, Profiles, Recipes



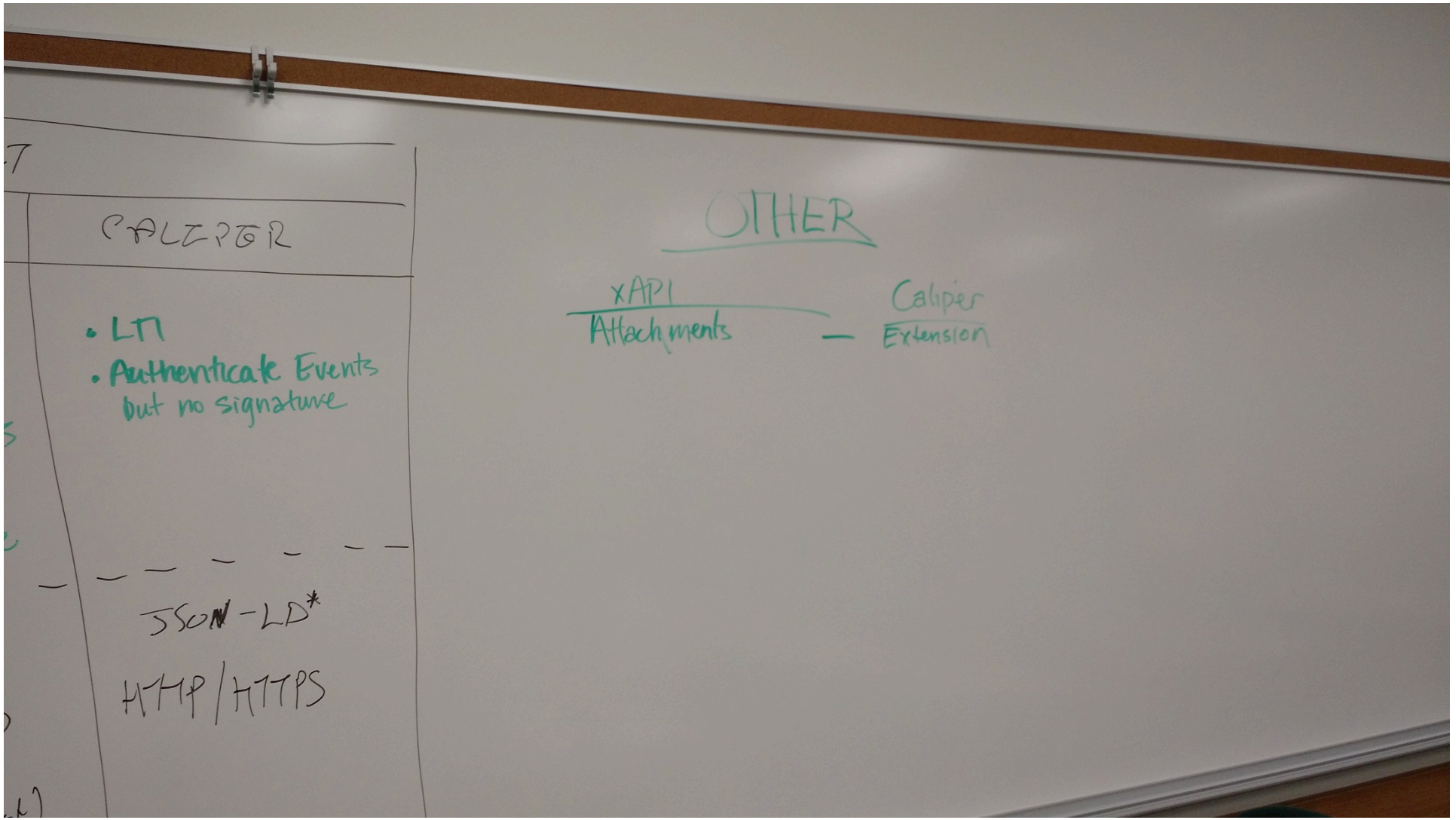
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Data Science



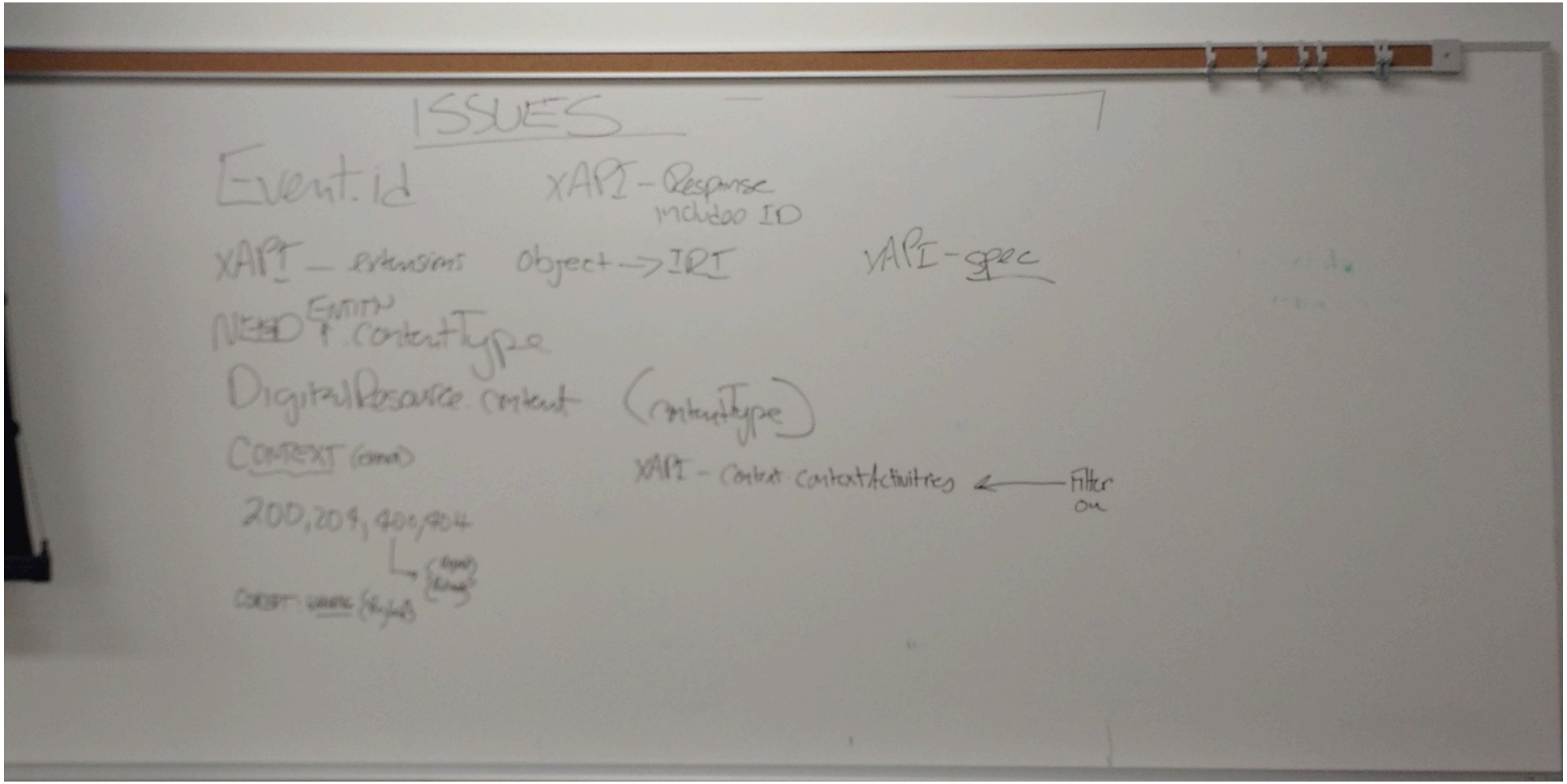
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Other



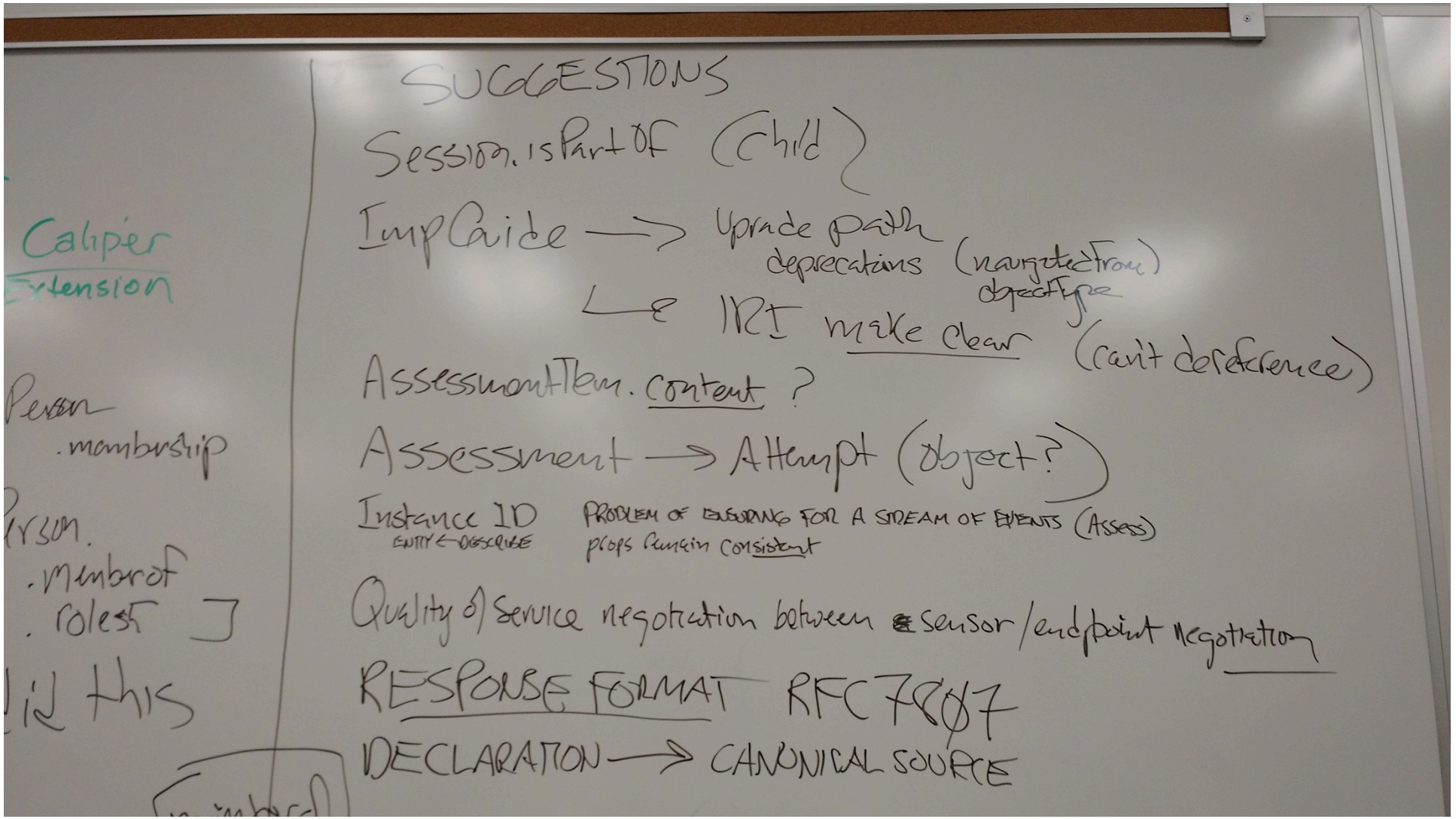
© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Issues/Suggestions



© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Issues/Suggestions



© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

Next Step Actions

- ADL and IMS to review the meeting minutes and produce a plan for the next steps
- Next face-to-face meeting at the IMS Quarterly meeting at ASU (Scottsdale, Arizona) on 9th November, 2016

© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved

IMS GLOBAL™
Learning Consortium

Questions & Comments

© 2016 IMS Global Learning Consortium, Inc. All Rights Reserved