Standardizing the Standards

Making Sense of Using Data Standards

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There are a lot of data standards out there targeted at education. You, as an educational organization, or as a vendor partner, often get mixed, self-serving, and confusing messages about which standard to use from providers.
A4L has constituted itself as providing solutions to the education community that includes integrating with any of the appropriate standards for any particular use case.
In this session we will lightly cover how to mix, match, and map them to your benefit. We’ll also illuminate some of the reasons SIF is often found enabling other standards to empower the true work of education through data and information.
A Multilevel Approach to Getting It Done

EDWIN/DESE Reporting and Data Infrastructure
- Federal Reporting and Data Management
- State Reporting and Data Management
- School District Reporting and Data Management

Shared Enterprise Data Management
- EDWIN: Based on Broker and Schools Interoperability Framework (Cedar Labs/SIF)
- Ed-Fi ODS: Based on Operational Data Store and End User Dashboards
- Shared Data Analysis and BI
- Enterprise Data Management Framework

CELT/Ed-Fi Learner Centered Data Management
- School Level Data Management*
- Classroom Level Data Management*
- Home Level Data Management*
Use Case: LTI SSO & SIF Direct Data

1. Sign in LMS

2. SSO LTI Launch

3. Get TC Profile

4. Get SIF Token

5. Use SIF Token

6. Get Student & Staff data

LMS

LTI Tool Consumer

LTI Tool Provider

SIF API

Staff

Student

Class

© Access 4 Learning (A4L) Community
The State of SIF

A View from Kimono
Kimono is an interoperability Platform as a Service (iPass) specifically designed for EdTech.
The State of SIF

- Kimono supports over 900 current SIF 2 Integrations to provide roster level data into many applications, including Canvas. Nearly 3x the next-nearest standard (CSV).
- Kimono processes an average of over 75K SIF Request Messages and 250K SIF Response Messages per school day.
- Kimono processes an average of over 1M SIF Events per school day.
The State of SIF

Grade Passback

- Kimono Grades provides grade passback over SIF 2 for over 30 LEAs
- Approximately 500k assignments per week are sent over SIF through Kimono across more than 3000 courses.
- Kimono and partners will be implementing even more Grade Passback integration over SIF 2 in the coming months.
Standards Mashups
Ed-Fi + SIF

- Regional Implementation
- Some SIF SIS’s
- Some Ed-Fi SIS’s
- Some batch/Some proprietary
SIF 2 + SIF 3

- Statewide Implementation
- Legacy SIF2
- New Vendor - SIF3 (actually, just cared about REST)
- Changed vendors/then vendor changed integration
Take-aways

- Minimize need for vendor change
- Takes advantage of past successes
- Avoid Moon Shots!
- Important thing is to GET STARTED
THANK YOU

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