

How to weave other Data Standards into your complete ecosystem



Presenters



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Session Description & Content

In this session, we will discuss how to evaluate your problem space so that you can choose the right standard for the right part of your solution.

- In this session, we will cover:
How do you ask the right questions in a 'smart' way?
- We will use the reference library as a context

Discussion

Which best describes your current role or area of focus?

On a scale of 1 to 10, (1 being not confident, 10 being highly confident) how confident are you in identifying the 'right' problem versus just addressing symptoms?

What is one specific question you hope to have answered during the session regarding evaluating problem spaces or choosing standards?



Discussion

Technical Debt/System Optimization

Regulatory/Compliance Requirements

Interoperability/System Integration

User Experience/Usability Issues

Scalability/Performance Issues

Security Vulnerabilities

Defining New Product Features

Others?

**What type of
challenges/problem
spaces do you most
frequently
encounter?**

Discussion

For your primary current project or problem space, how well-defined is the scope?

- Very well-defined (clear boundaries & requirements)
- Moderately defined (some ambiguity remains)
- Vaguely defined (many unknown variables & scope creep potential)
- Not applicable/no current project

To what extent do you regularly utilize a formal 'Reference Library' (e.g., internal documentation, industry standards, common patterns) when designing solutions?

- Extensively (it is my first step)
- Often (use frequently, but not always)
- Sometimes (used only when blocked or required)
- Rarely or never

Discussion

Rate the importance of the following criteria when selecting a standard or pattern for a solution:

	Low Importance	Moderate Importance	High Importance	Critical
Ease of Implementation	☐	☐	☐	☐
Long-term Maintainability	☐	☐	☐	☐
Community/ Industry Adoption	☐	☐	☐	☐
Security Posture	☐	☐	☐	☐
Performance Impact	☐	☐	☐	☐

Discussion

How familiar are you with these standards?

	Not at all	Heard the name	Saw a demo	Used in production
SIF	☐	☐	☐	☐
Ed-Fi	☐	☐	☐	☐
OneRoster	☐	☐	☐	☐
CEDS	☐	☐	☐	☐
PESC	☐	☐	☐	☐
LTI or LTI Advantage	☐	☐	☐	☐

If a standard you use often covers only part of your problem space, would you:

- Choose that standard and write custom code for what it doesn't cover
- Look for another standard that covers the whole problem
- Look to 'glue together' two standards to cover the whole problem
- Build a wholly custom solution

Describe one recent challenge you faced where choosing the 'right' technical standard (protocol, framework, design pattern) was difficult.

Discussion of use cases

Ranking and tagging activity