

A hand holding a CD-ROM is the central focus, set against a warm, orange-toned background. In the lower-left foreground, a computer keyboard is visible, with keys appearing to glow. The upper-left background features vertical columns of binary code (0s and 1s) in a glowing orange-red color. The overall composition suggests a theme of software, technology, and digital data.

Software Developers Conference

August 9-10, 2001
Arlington, VA



COD Technical Reference Review

Presented By:

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Agenda

- Overview
- COD Technical Reference
- Common Record Layout
- Processing Edits
- Questions

Overview

- Context
 - COD System
 - Common Record
- Transport Mechanism
- Security and Authentication

Overview

- Available Tools for Full Participants
 - COD Technical Reference
 - Frequently Asked Questions “Document”
 - XML and The Common Record
 - COD “Handout”
 - Schema and Data Crosswalks
 - Implementation Guide growing out of FAQs and White Papers

Overview

- Tools for Full Participants (con't.)
 - Other documents as needed / derived
 - Edit Crosswalk Table
 - Cross Year Changes Table
 - Training
 - COD Process Training
- Tools Available to Phase-In Participants
 - All of the above, but.....

COD Technical Reference

- Versions and Schedule
 - “NASFAA Draft”
 - “Software Developers Conference Draft”
 - Final Version: September, 2001
- Structure of Volume
 - Table of Contents
 - Two Sections to be Discussed Today

Common Record Layout

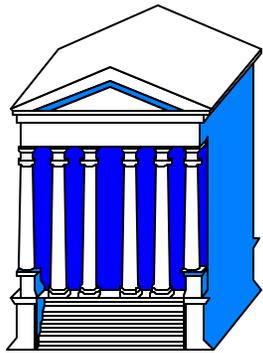
Holly A. Hyland
Modernization Partner

Vision

- We all do the same thing
- Currently, we have 14 separate record layouts to originate and disburse Pell and Direct Loans.
- Can't we streamline that process?

```
<LastName>Jones</LastName>
<FirstName>Sally</FirstName>
  <FFELSub>
    <AwardAmt>2625</AwardAmt>
    <CostofAttend>15000</CostofAttend>
  </FFELSub>
```

```
<LastName>Jones</LastName>
<FirstName>Sally</FirstName>
  <Pell>
    <AwardAmt>3200</AwardAmt>
    <CostofAttend>8000</CostofAttend>
  </Pell>
```



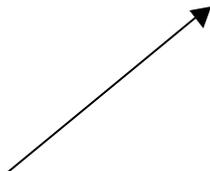
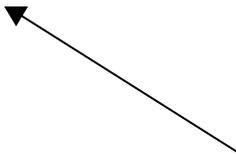
Lender/Guarantor



School



COD



What did we do?

- Created a crosswalk that compared similarities with FFEL, Alternative loan, Pell, DL, CB, and some State Grant agencies.
 - Found similar elements (person, disb info)

What did we do?

- Merged Pell and DL into 1 document
 - RFMS:
 - Header /Trailer
 - Origination Record
 - Origination Acknowledgement
 - Disbursement Record
 - Disbursement Acknowledgement
 - DL:
 - Header/Trailer
 - Full Loan Origination
 - Disbursement
 - Full Loan Origination Acknowledgement
 - Loan Origination Change
 - MPN/Plus Promissory Note Acknowledgement
 - PLUS Credit Decision Acknowledgement

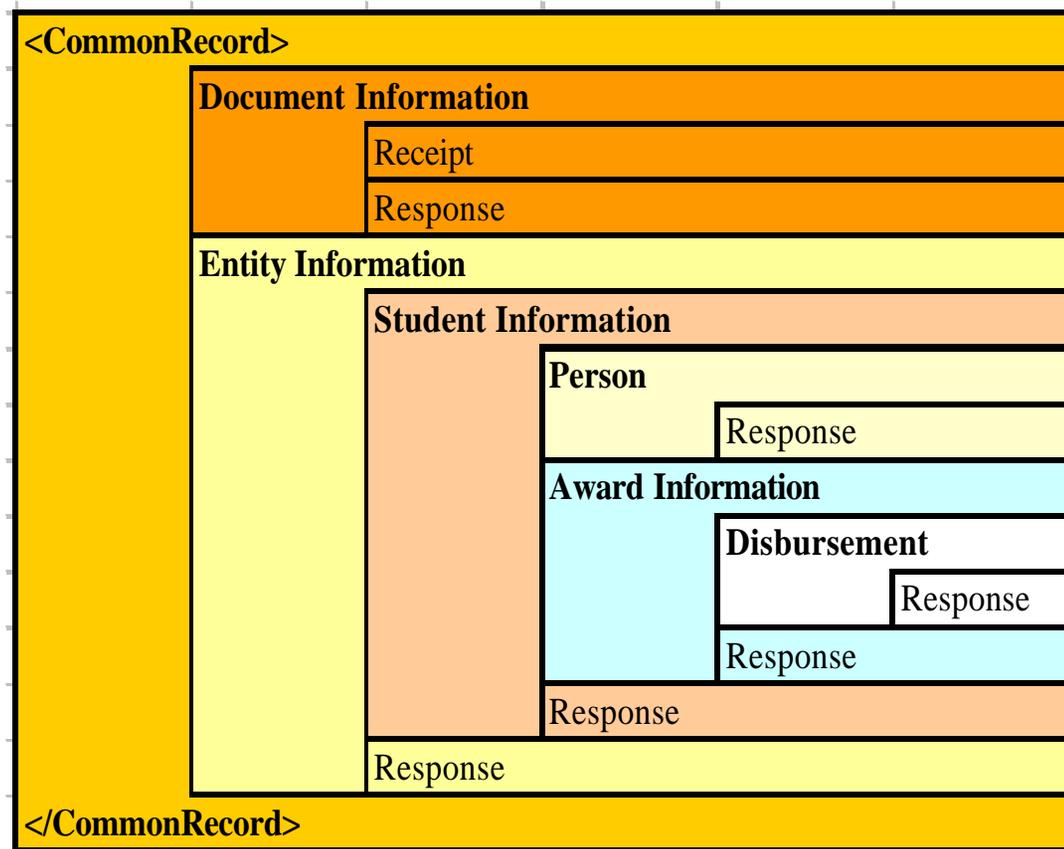
What did we do?

- FFEL/Alt loan – ensured FFEL/Alternative loan data structure could be added to the same schema
- Added CB elements to allow for schools to pre-populate page 6 of the FISAP
- Mindful to create a structure that allows for inclusion of others (i.e., State Grant Agencies)

What did we do?

- Worked with the following standard bodies:
 - PESC
 - CommonLine
- Adopted the following standards:
 - IFX as a base
 - W3C Schema layout
 - Draft, PESC Technical Specifications for Higher Education XML Schema Development

Here's what we created



Document Structure

- Document Structure allows you to send data for:
 - Multiple Schools
 - Multiple Years
 - Multiple Awards

In ONE Transmission

- **<Pell>**

<CostofAttend>8500</CostofAttend>

</Pell>

<FFEL>

<CostofAttend>10500</CostofAttend>

</FFEL>

Reusable Blocks

<Student>

Person

</Student>

<Borrower>

Person

</Borrower>

<Cosigner1>

Person

</Cosigner1>

Processing Edits

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Questions?