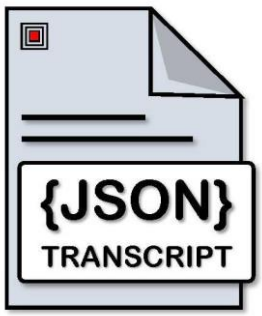
JSON Transcript Workgroup



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B. PESC *Standards Development, Approval, Maintenance Policies & Procedures*
C. Draft JSON files (schema 1, schema 2, instance)
D. Sample Implementation Guide – PESC Approved High School Transcript Standard

Resources

- ARUCC National Network
- Common Education Data Standards (CEDS)
- Comprehensive Leaner Record (CLR)
- Credential Transparency Description Language (CTDL)
- Data Standards United (DSU)
- Europass Digital Credentials Infrastructure (EDCI)
- EDI
- HEAR
- Learning and Employment Records (LERs)
- Schema.org

1. Introduction

This document has been prepared to assist and support the PESC JSON Transcript Standards Development Workgroup ("Workgroup"). The charge for the Workgroup is to develop and propose a candidate standard for review and approval as a PESC Approved Standard, as requested by PESC Members through a *Letter of Intent* (issued next week), and following PESC's *Policies and Procedures Manual for Standards Development, Approval and Maintenance* (Attachment B).

The expected output of the Workgroup includes:

- JSON format
- Implementation Guide
- Instance/Example Document

2. Overview of PESC

❖ PESC Mission: To lead the establishment & adoption of trusted, free and open data standards across the education domain

In fulfilling its non-profit mission, PESC makes all PESC Approved Standards and technical information available to the education community online free of charge.

Through open, transparent, collaborative community participation and based on a voluntary consensus-based model, PESC enables cost-effective connectivity between data systems, applications and networks in order to accelerate performance and service, to simplify data access and research, and to improve data quality along the learner lifecycle.

PESC envisions complete, global connectivity within and throughout the education domain supported by a trustworthy, digital network built by, for and among all education sectors enabling necessary data to flow seamlessly and automatically from one network, system or application to another when and where needed without compatibility barriers, but through a safe, secure, reliable, legal and efficient platform.

Goals of the Mission

- *Promoting* standards-based, lifelong student/learner-centric design & data models, hub & spoke models, federated identity, directory-based services and affiliated data-centric models of interoperability.
- *Fostering* open, transparent collaboration across all education, learning & workforce sectors
- *Optimizing* institutional performance and data quality
- *Simplifying* access and reducing cost
- *Enabling* sustainable best practices and innovative solutions that streamline emerging technologies disparate information systems

❖ PESC Partners

- American Association of Collegiate Registrars and Admissions Officers (AACRAO)
- Access 4 Learning (A4L) Community
- Association of the Registrars of the Universities and Colleges of Canada (ARUCC)
- Common Education Data Standards (CEDS)
- DXtera Institute
- EMREX
- Erasmus Without Paper (EWP)
- Groningen Declaration Network (GDN)
- HR Open Standards Consortium
- State Higher Education Executive Officers (SHEEO)
- T3 Innovation Network

❖ PESC Approved Standards & Services

PESC Approved Standards, produced and published through Workgroups under PESC's *Policies and Procedures Manual for Standards Development, Approval and Maintenance*, are made available in EDI, PDF and XML.

- Admissions Application
- College Transcript
- Course Inventory (Catalog)
- Credential and Experiential Learning
- EDI
- ePortfolio
- High School Transcript
- PDF
- Test Score

PESC Approved Services support the exchange of data and documents throughout the education ecosystem.

- EdExchange
- Global Education Code (GEO) Code

❖ PESC Groups

- Admissions Standards Development Workgroup
- Board of Directors
- Canadian PESC User Group
- Competencies and Credentials User Group
- Data Privacy and Protection Task Force
- EdExchange User Group
- EdPlan Standards Development Workgroup
- GEO Code User Group
- JSON/JSON-LD Task Force
- JSON Transcript Standards Development Workgroup
- Standards Development Forum for Education (Change Control Board, Technical Advisory Board)

- Governance – PESC Task Forces, User Groups and Workgroups are led by PESC Members serving as Chairs and/or Co-Chairs. Participation in PESC Groups is free and open to education stakeholders, while voting within PESC Groups is limited to PESC Members.

- Outputs – Except for Workgroups, which have a standard process and output schedule, Task Forces and User Groups determine their own outputs in line with the charge and mission established.

3. JSON Transcript Standards Development Workgroup

❖ Governance: The Workgroup is Co-Chaired by ____. In line with policies and procedures, Co-Chairs submit monthly status update reports to the Standards Forum, which are combined with other reports and submitted to the PESC Board of Directors.

❖ Letter of Intent – The Letter of Intent (LOI) – (issued next week with announcement)

❖ Workgroup Participation & Logistics: Participation in the Workgroup is free and open to education stakeholders that agree to PESC's *Policies and Procedures for Standards Development, Approval and Maintenance*. The Workgroup operates openly, transparently, in adherence with *Roberts Rules of Order* with the goal to achieve consensus. Should consensus not be achievable and decision-making or voting be needed, voting in the Workgroup is limited to PESC Members.

❖ Draft Agenda for 1st Meeting

Wednesday January 27, 2021
Noon – 1.30pm EST

1) Welcome & Introductions 15 mins
2) Introduction of Co-Chairs 5 mins
3) Overview of Documentation 10 mins
4) The Goal of the Workgroup 10 mins
5) Outputs of the Workgroup 10 mins
    a. JSON Format
    b. Implementation Guide
    c. Instance/Example
6) Roles within Workgroup 10 mins
    a. Active Participant
    b. Liaison
    c. Business
    d. Technical
7) Meeting Schedule 5 mins
8) Q & A 15 mins
9) Adjourn

Upcoming
JSON 101 Tutorial via JSON Task Force (to be recorded)
Use/Business Cases

4. Q & A

What is the JSON Transcript Workgroup? The Workgroup is a formal Group of PESC whose charge is to propose a candidate standard for review and approval as a PESC Approved Standard, as requested by PESC Members through a *Letter of Intent*, and following PESC's *Policies and Procedures Manual for Standards Development, Approval and Maintenance*. Once ratified and approved as a PESC Approved Standard, the Workgroup disbands.

How did the JSON Transcript Workgroup start? The Workgroup began through a request from PESC Members submitted through a Letter of Intent. The Letter of Intent is a pledge for the Workgroup to operate openly and transparently in line with the mission and goals of PESC.

Who is involved with the JSON Transcript Workgroup? Participation in the Workgroup is free and open to education stakeholders, while decision-making and voting on any issue for which consensus cannot be reached will be limited to PESC Members. Participants range from universities, colleges, vendors, states, provinces, government agencies, PESC Partners, PESC Sponsors, foundations and additional standards bodies. For a current list of participants, please visit www.pesc.org.

What are the benefits of the JSON Transcript Workgroup? The vision for the Workgroup is to provide the most usable, most implementable, most interoperable version of the High School and College Transcript in JSON technology. Adding the JSON Transcript to PESC's portfolio of PESC Approved Standards begins PESC's expansion and technology base to include JSON, joining EDI, PDF and XML. The Workgroup looks to garner the best ideas during development from across all education, lifelong learning, employment and training while ensuring alignment with other initiatives and other standards – all in support of learner-centric, lifelong learning.

How is the JSON Transcript Workgroup governed? The Workgroup, like all PESC Workgroups, is lead by PESC Members serving as Chairs/Co-Chairs who report into the Standards Forum for Education, which in turn reports directly to the PESC Board of Directors. Participation in the Workgroup is free and open to education stakeholders that agree to PESC's Policies and Procedures for Standards Development, Approval and Maintenance. The Workgroup operates openly, transparently, in adherence with Roberts Rules of Order with the goal to achieve consensus. Should consensus not be achievable and decision-making or voting be needed, voting in the Workgroup is limited to PESC Members.

What is the current status of the JSON Transcript Workgroup? The 1st meeting of the Workgroup is Wednesday January 27, 2021. A meeting schedule and progress report will follow.

What does it cost to join the JSON Transcript Workgroup? The Workgroup is an open, transparent and collaborative development group seeking broad participation and is therefore open to all institutions, service providers, vendors, organizations and all stakeholders with an interest in High School and College Transcripts; participation in the Workgroup is free of charge.

How do I get involved with the JSON Transcript Workgroup? Please join the Workgroup by signing up at www.pesc.org or emailing info@pesc.org.

Attachments

A. PESC JSON Transcript Workgroup Launch Announcement (issued next week)
B. PESC *Standards Development, Approval, Maintenance Policies & Procedures*
C. Draft JSON files (schema 1, schema 2, instance)
D. Sample Implementation Guide – PESC Approved High School Transcript Standard