

Achievement Standards Network Newsletter

News from
AchievementStandards.org

November 2009

Hello Achievement Standards Network members,

The ASN is a timely and technically capable answer to the issues surrounding the use and interoperability of academic standards data across the education enterprise. ASN data faithfully captures the content and context of achievement standards documents as issue by promulgating agencies using Semantic Web friendly RDF/XML.

In This Issue

[Collaboration produces open source RDF editor](#)

[IMS/GLC Conference Highlights](#)

[The 3rd Quarter 2009 Update to the ASN is now available](#)

[Using ASN Web Services](#)

International collaboration to produce open source RDF editor

JES & Co., through a partnership with an international academic standards effort is nearing the completion of the first phase of the Achievement Standards Network (ASN) Resource Description Editor that will ease organizations' task of publishing curriculum standards with rich metadata in a Semantic Web friendly format (RDF).

The [Resource Description Framework](#) (RDF) is a family of [World Wide Web Consortium](#) (W3C) [specifications](#) originally designed as a [metadata model](#). JES & Co., in their Achievement Standards Network program has distributed US states' academic standards in RDF for several years.

The capabilities of the open source, configurable ASN Resource Description Editor go well beyond the realm of publishing machine readable achievement standards.

This is especially exciting to participants in the linked data consortium. The open source community has anxiously awaited a way to unleash the power of RDF/XML and overcomes issues of cost and development time, bringing the promise of the Semantic Web to reality. Follow our progress on our Achievement Standards Network site at www.AchievementStandards.Org and watch for updates and announcements coming soon to both our site and this newsletter!

JES & Co.



Join the Achievement Standards Network.

Quick Links

[Register Now](#)

[News](#)

[Related Topics](#)

[More On Us](#)

Talk to Us

We look forward to hearing from ASN users and welcome their participation in the community development of the ASN. Watch our newsletter for announcements of updates to the ASN and for the date of future ASN Community meetings.

Sincerely,

Bruce Walker
JES & Co.

brucew@jesandco.org



IMS/GLC Montreal Conference Highlights ASN Data in Common Cartridge International Standard

Montreal, Quebec was the site of the IMS Quarterly Conference, July 13-17th 2009. A special workshop held Friday the 17th featured presentations by Stuart Sutton and Diny Golder of JES & Co.

The first part of this workshop provided an introduction to the new features being introduced in Common Cartridge v1.1 to support K12 use (in particular the support for applying curriculum standards to cartridge resources), followed by an overview of the architecture being followed by the K12 pilot implementations. ASN is being adopted for use in the IMS K12 Curriculum project as a means of achieving cross-platform interoperability in the use of state-level curriculum standards in the USA. The tutorial offered information about the features and use of ASN, and concluded with exploration of a real implementation. The session then opened up to a group discussion of issues surrounding just how IMS should use ASN, including questions posed during the session.

ASN Third Quarter 2009 Update

The 3rd Quarter 2009 Update to the ASN is now available. Here is a list of the new additions for Q3 2009:

1. Iowa - Iowa Core Curriculum K-12 Mathematics, Math 2009
2. Michigan - Physical Education Content Standards and Benchmarks, Physical Education 2007
3. Michigan - English Language Proficiency Standards for K-12 Schools, English 2004
4. National Standards for Arts Education, The National Standards for Arts Education, The Arts 1994
5. NCTE/IRA Standards for the English Language Arts - NCTE / IRA Standards for the English Language Arts, English 1996
6. New Jersey - New Jersey Core Curriculum Content Standards for Science, Science 2009
7. New Jersey - New Jersey Core Curriculum Content Standards for Visual and Performing Arts, The Arts 2009
8. Oklahoma - Priority Academic Student Skills - Math Revised 2009, Math 2002
9. Oklahoma - Priority Academic Student Skills - Social Studies Revised 2009, Social Studies 2003
10. Oregon - State of Oregon 2009 High School Mathematics Academic Content Standards, Math 2009
11. Partnership for 21st Century Skills - Framework for 21st Century Learning, Technology 2009
12. Tennessee - Tennessee Theatre K-5 Standards, The Arts 2009
13. Texas - Chapter 112. Texas Essential Knowledge and Skills for Science,

Amended 2009, Science 1998

This update, as well as all the data of the ASN, is available for FREE! Simply send a request for the files to brucew@jesandco.org and arrangements will be made to provide them to you as a download. For those of you that use the ASN Web Services, see our feature article below, these files are available as well as with all other ASN data.

ASN Web Services Keep You Up To Date

ASN Web Services offer technical users an efficient method of keeping their standards data up to date. Applications can call ASN Web Services which will return both new and legacy standards documents. With ASN Web Services, there is no need to wait for quarterly updates. Your application will always contain the latest ASN data. And, just like the ASN downloads, access to ASN Web Services is free.

There are five web services that can be called by applications: Get a list of documents by Jurisdiction; Get a list of documents by Subject; Get a document by selecting Jurisdiction and Subject; Get a document by entering the DocumentID; Get statements from the returned document and Search documents by various ways (words, proximity of terms, etc.)

For more information about ASN Web Services visit:

[ASN Web Services Description](#)