

# Achievement Standards Network

News from AchievementStandards.org

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## Tour the New ASN Website

The ASN has a new website along with a newly integrated ASN Standards Locator. Our Standards Locator replaces our old ASN Viewer. You can now quickly browse for a particular standards set and view the actual standards along with the metadata in our new tree-based viewer. Check out both: the new ASN [Website](#) and our [Standards Locator](#).

## ASN Resource Description Editor

The ASN Resource Description Editor (RDE) is here! The RDE is designed to be used by those familiar with describing learning objectives yet not familiar with the Resource Description Framework (RDF), the basis for creating linked-data. Standards authors can now work in the RDE's user-friendly environment and create ASN RDF/XML before they know it.

JES & Co. has designed the RDE to be configurable so that it can meet any publisher's, organization's or nation's way of describing learning objectives yet provide an underlying layer for interoperability with other products.

The RDE is the first education focused Semantic Web tool of its kind. Perhaps that is why it is so valuable to the education community's solutions providers.

If you are interested in using the RDE, please contact us at [technicalsupport@jesandco.org](mailto:technicalsupport@jesandco.org).

## New ASN RDF/XML Export Version

A new ASN export version has been released. Version 3.0.0 has many upgrades from Version 2.0.0.

One of biggest improvements is to how the standard statements are structured in the RDF/XML. We removed the DOM like statement hierarchical structure from the RDF and moved it to a new manifest URI, which now accompanies a document's metadata. This manifest URI resolves to an easy-to-parse, easy-to-display JSON file where all the statements are nested nicely in an array and have pre-resolved URI preference labels. This makes parsing, displaying and using

[\*\*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 and updates to the ASN.

Sincerely,

Terry Smithson  
JES & Co.

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ASN data on the web even easier.

You can view an example of our manifest JSON [here](#) and see it in action [here](#).

For a complete list of what has changed since ASN Version 2.0.0 please see this [link](#).

We now support various serializations of ASN data besides RDF/XML. You can now download entire ASN standards documents in RDF/JSON, N3 and Turtle.

Please remember ASN tools and services only support the latest export version of ASN data.

Want to get your hands on the new ASN data? Contact [technicalsupport@jesandco.org](mailto:technicalsupport@jesandco.org) for more details.

## New ASN Web Services

With a new ASN Editor and a new data version in place, it only makes sense that we would also update the existing ASN Web Services. We now have a new ASN URI resolution system that uses content negotiation.

Want to resolve a particular URI as a particular MIME type? Just request it! Want to see the taxon path for a URI? Request it! Here are some examples of what you can do with our new hackable ASN URI's (Note: depending on your request and your web browser, data may be downloaded and not displayed in the browser window).

HTML Resolution (From web browser):  
<http://asn.jesandco.org/resources/S113007A>

### ASN Statement URI Resolution

RDF/XML Resolution:  
<http://asn.jesandco.org/resources/rdf/S113007A.xml>

RDF/JSON Resolution:  
<http://asn.jesandco.org/resources/rdf/S113007A.json>

RDF/N3 Resolution:  
<http://asn.jesandco.org/resources/rdf/S113007A.n3>

RDF/TTL Resolution:  
<http://asn.jesandco.org/resources/rdf/S113007A.ttl>

### ASN Statement Taxon Path Resolution

RDF/XML Resolution:  
<http://asn.jesandco.org/resources/rdf/taxon/S113007A.xml>

RDF/JSON Resolution:  
<http://asn.jesandco.org/resources/rdf/taxon/S113007A.json>

RDF/N3 Resolution:  
<http://asn.jesandco.org/resources/rdf/taxon/S113007A.n3>

RDF/TTL Resolution:  
<http://asn.jesandco.org/resources/rdf/taxon/S113007A.ttl>

You can also request the various MIME types in your HTTP 'accept' headers instead of using the URI formats above.

The ASN resolution service is our first of many new services to come online that

support our new data version. We are still in the process of upgrading the ASN's SOAP based web services. Stay tuned as more web services come online.

## **ASN Toolkit - ASN Mapping Tool**

We have been very busy updating the core ASN infrastructure but that doesn't mean we haven't been developing brand new tools for ASN subscribers. We are actively developing the ASN Mapping Tool where users can create, manage and export their mappings between various URI's on the Semantic Web including ASN-to-ASN URI mappings. We expect to roll out a beta version of our Mapping Tool in the coming weeks.

If you are interested in being one of the first users to try out the ASN Mapping Tool please contact [technicalsupport@jesandco.org](mailto:technicalsupport@jesandco.org).