

WELCOME TO THE
NIEM 3.0 BETA TECH TALK



June 25th, 2013

For Conference Audio:
1-888-566-6149 Passcode: 5825994

AGENDA & SPEAKERS

NIEM 3.0 – What does that mean?

- Major vs. Minor Release
- NIEM Versioning
- Why 3.0?



JUSTIN STEKERVETZ

3.0 Release Cycle

- Release Cycle Overview
- What is Funneling?
- Beta Timeline

What's Beta?

- NIEM 3.0 Beta Review
- What's in 3.0 that isn't in 2.0
- Architectural Enhancements in 3.0



MARK KINDL



WEBB ROBERTS

How you can contribute!

- Feedback guidelines

Questions? E-mail them to information@niem.gov OR type it in the



NIEM 3.0

WHAT DOES THAT MEAN?

FEATURING: JUSTIN STEKERVEZ

MAJOR VS. MINOR RELEASE

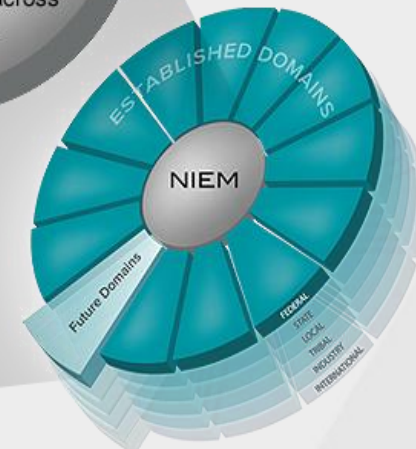
NIEM 3.0 is a **major release** of the NIEM data model—containing updates to the NIEM Core as well as changes to several Domains.

A **minor release** involves limited changes to Domains

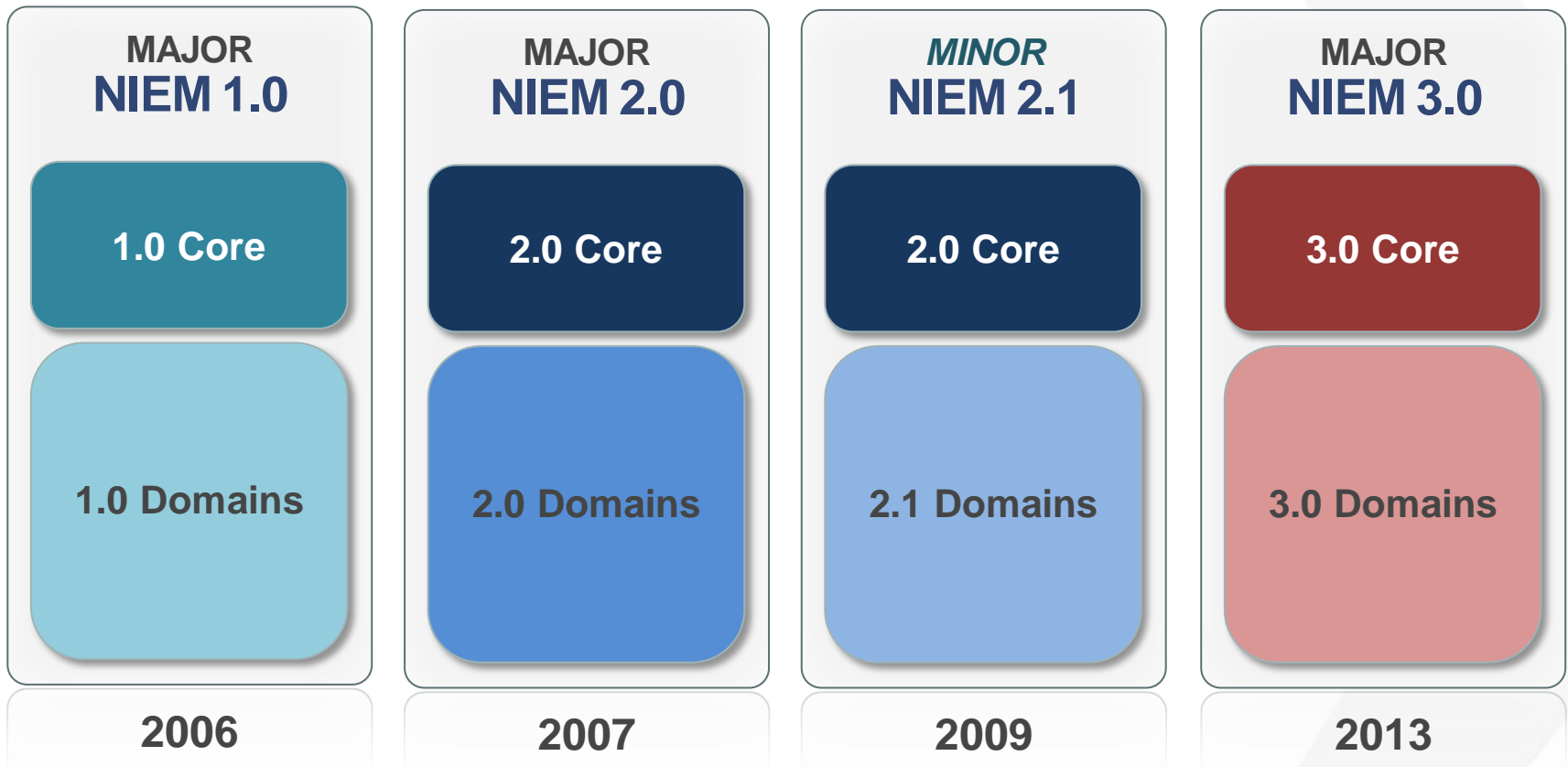
NIEM Domains include mission specific data that is managed through independent stewards.

Future Domains are added to NIEM as necessary based on an established need.

NIEM Core consists of data elements that are commonly understood across domains.



HOW HAS NIEM EVOLVED OVER THE YEARS?



Reference Schemas

WHY A NIEM 3.0?

The NIEM data model is driven by community needs, 3.0 addresses those identified to date.



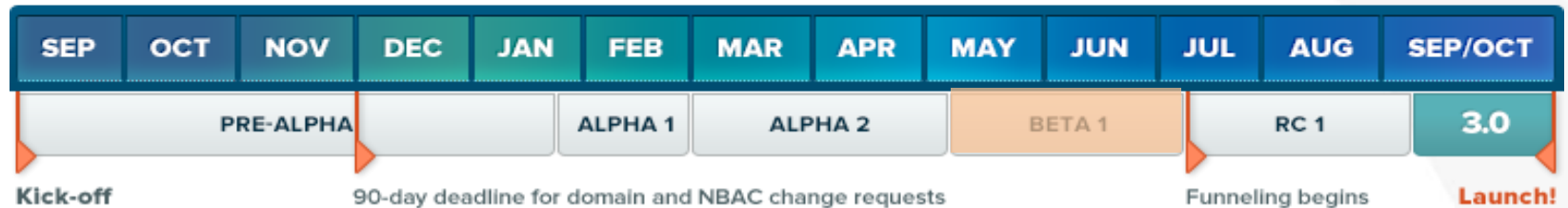
NIEM 3.0 RELEASE CYCLE

STARRING: MARK KINDL

3.0 RELEASE CYCLE

NIEM 3.0 Schedule Overview

2012 ← APPROXIMATELY 13 MONTHS → 2013



Pre-alpha is the requirements gathering phase when all significant content changes are identified. During this phase:

- Domains prepare change requests for new and changed content.
- Domains indicate domain updates to be integrated.

Alpha 1 and **Alpha 2** are the first two rounds of review where inputs and feedback regarding changes/requirements are collected and organized into coherent lists. These lists are then made ready for Governance review. Alpha 2 was the first opportunity for public review.

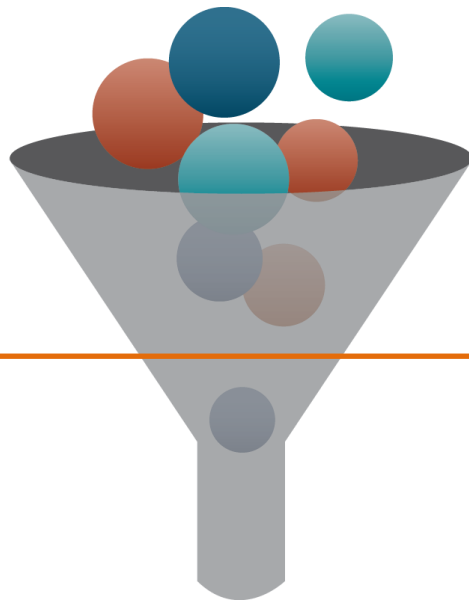
Beta continues the feedback process and is the last opportunity to provide **public** feedback on the full model. Like Alpha 1 and 2, inputs from Beta are reviewed by the Governance body.

In the **Release Candidate (RC)** phase, final adjustments, refinements, and corrections are made before Governance body review.

After Governance Body approval, the model is **Finalized & Published**

06/25: Beta Release
We are here!

WHAT IS FUNNELING?



NIEM 3.0

The Funneling process helps to zone in on all of the the essential changes in a efficient and effective way.

Alpha through Beta: Actions will be taken for comments on all portions of the model.

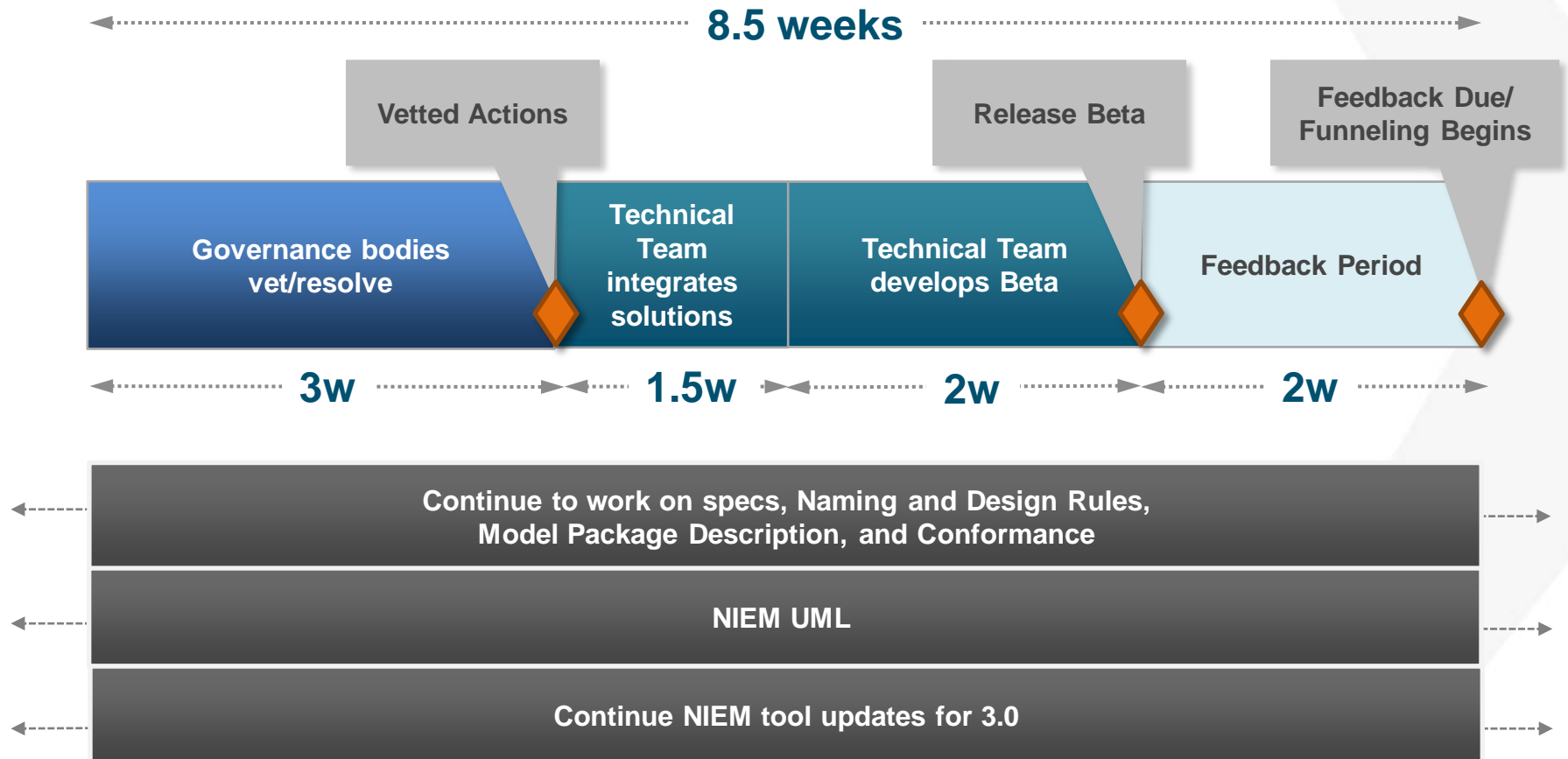
After Beta: Action for comments on portions of the model that previously passed review without revision, will be discretionary. No new requirements or content will be added.

Exception: Errors will be always be corrected (even if missed in a previous review).

Beta needs to be reviewed in detail or we risk lingering issues in RC or final release products! **Silence is consent!** Please make your concerns known.

BETA TIMELINE: IN DETAIL

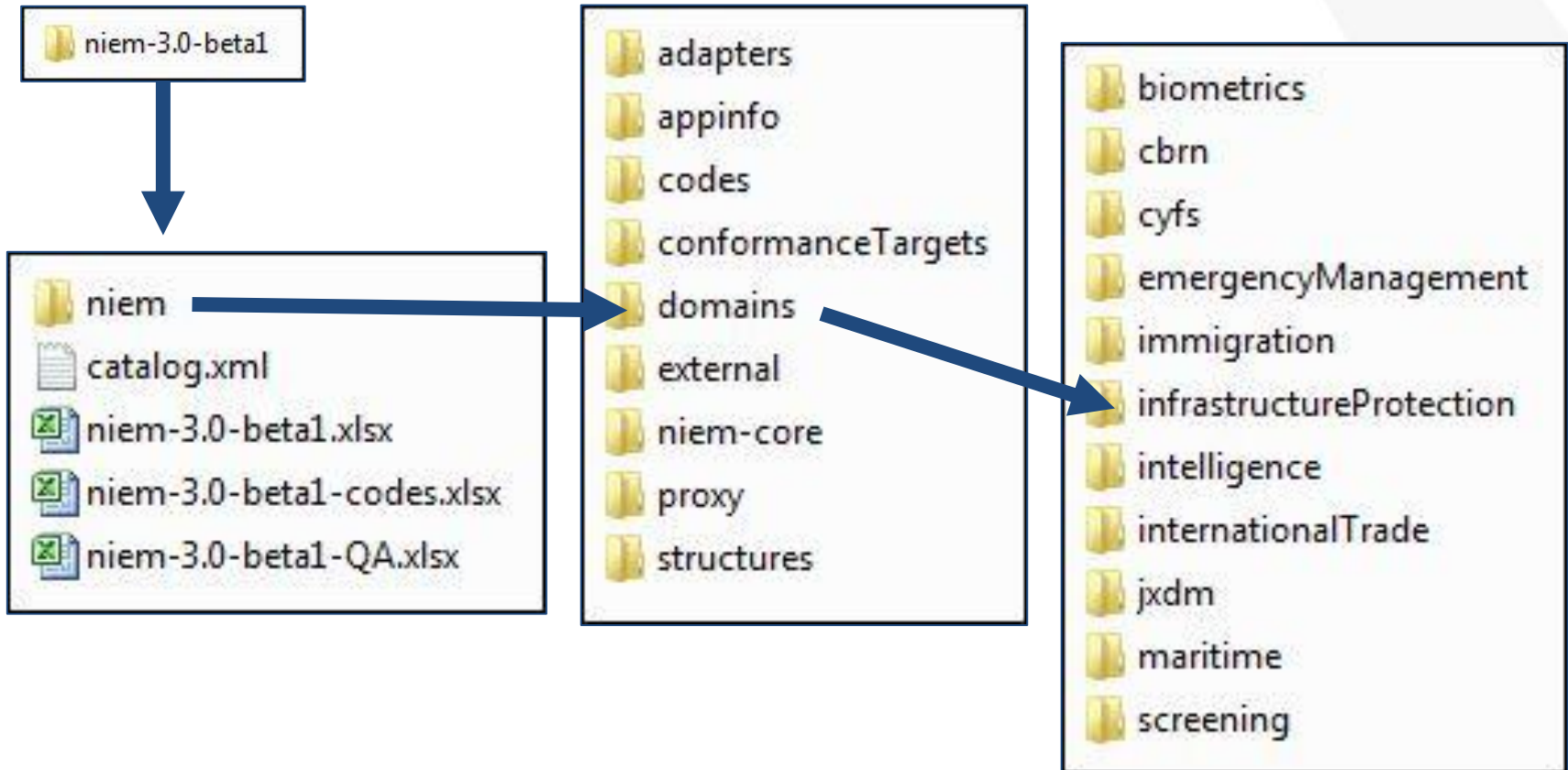
The Beta release include changes to the schemas, model spreadsheet, Quality Assurance report, the Schema Subset Generation Tool (SSGT) and more.



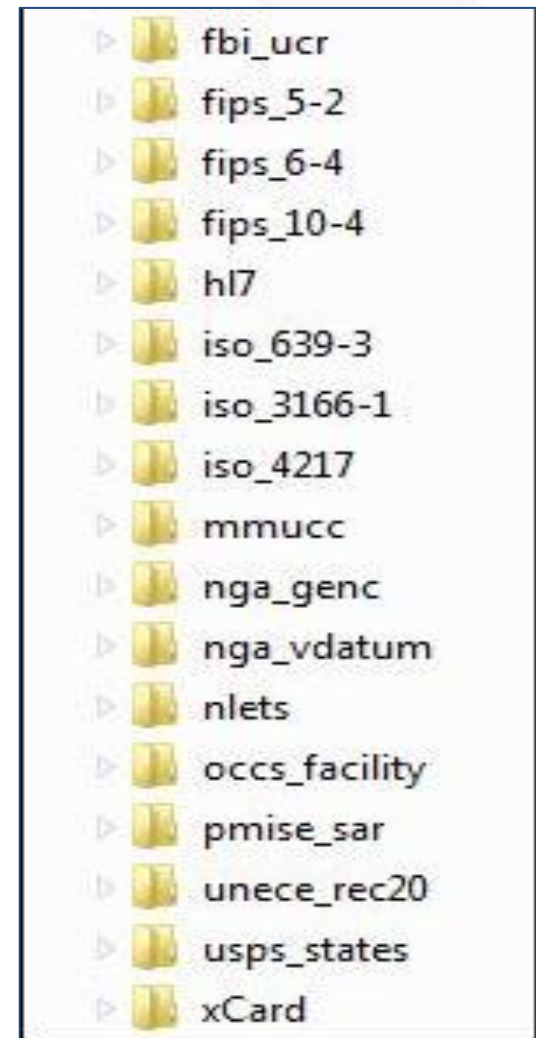
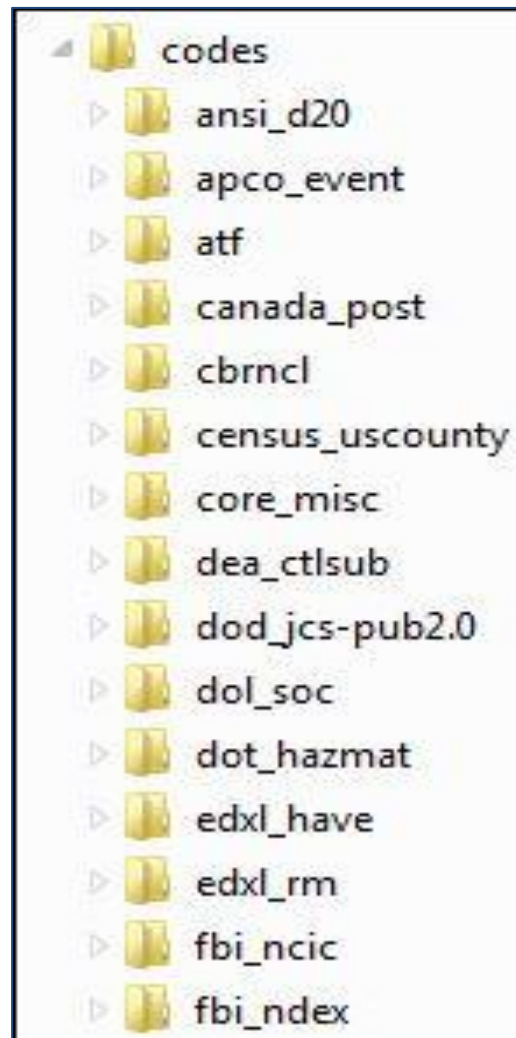
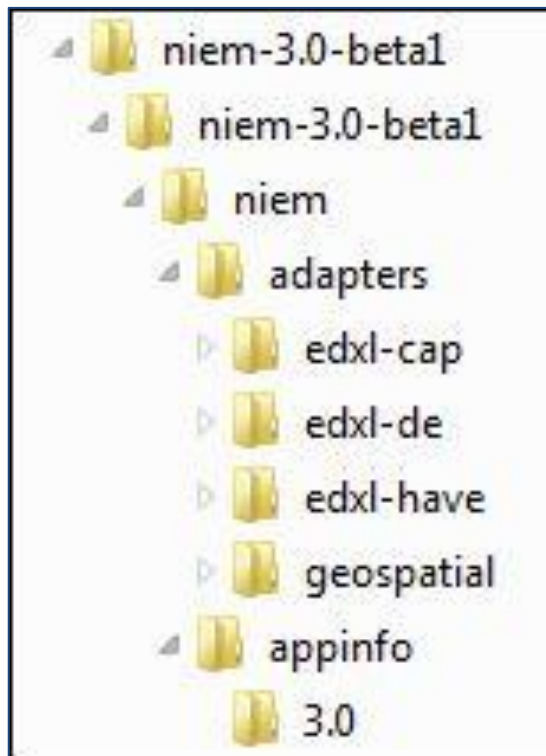
NIEM 3.0 OVERVIEW

STARRING: MARK KINDL

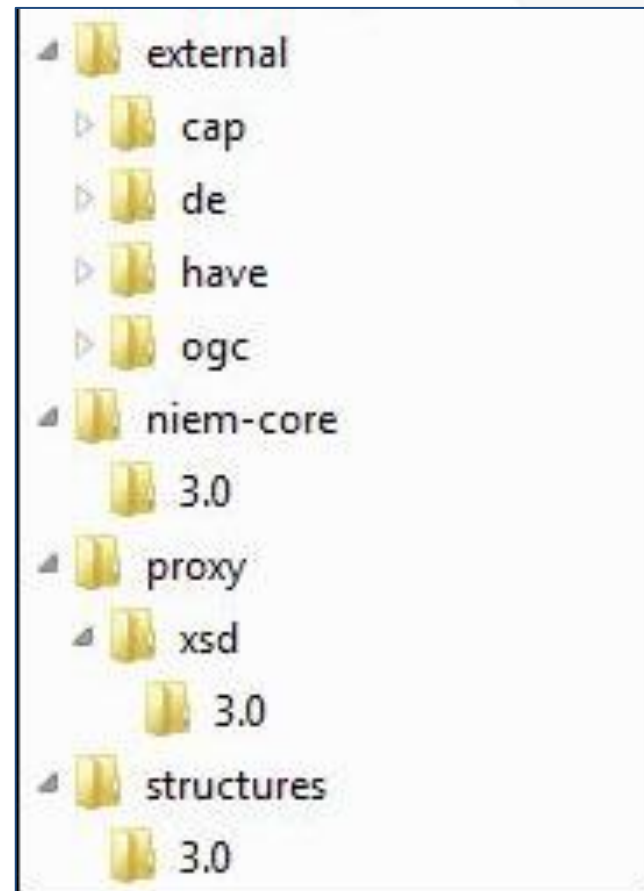
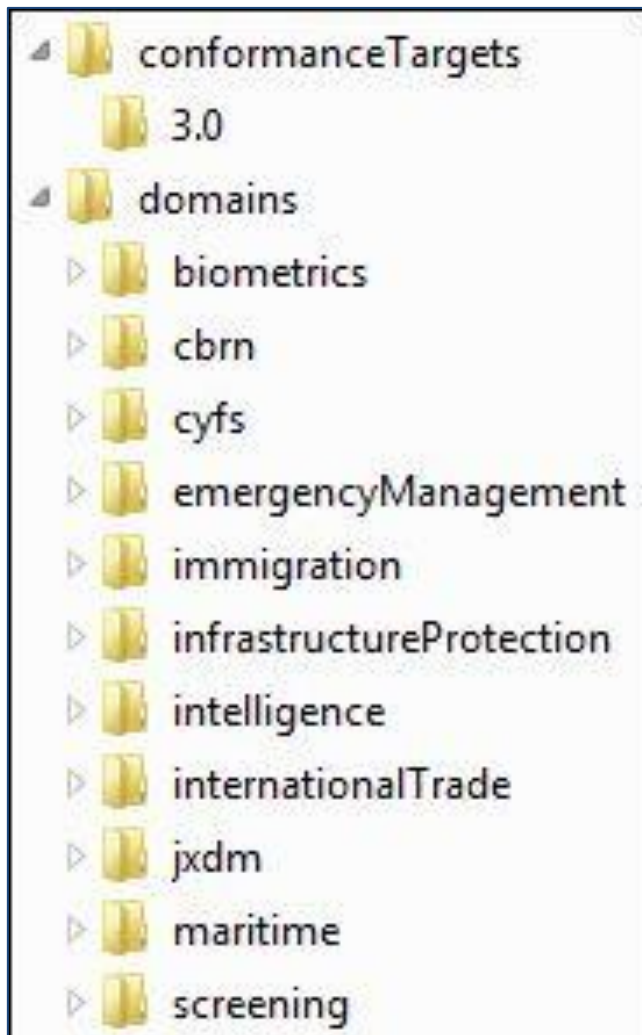
NIEM 3.0: BETA PACKAGE



NIEM 3.0: BETA SCHEMAS



NIEM 3.0: BETA SCHEMAS CONT.



OASIS CATALOG (FOR XSD)

catalog.xml

```
<!DOCTYPE catalog PUBLIC
    "-//OASIS//DTD Entity Resolution XML Catalog V1.0//EN"
    "http://www.oasis-open.org/committees/entity/release/1.0/catalog.dtd">
<catalog xmlns="urn:oasis:names:tc:entity:xmlns:xml:catalog"
    prefer="public">
    <uri name="http://release.niem.gov/niem/structures/3.0/"
        uri="niem/structures/3.0/structures.xsd"/>
    <uri name="http://release.niem.gov/niem/domains/internationalTrade/3.0/"
        uri="niem/domains/internationalTrade/3.0/internationalTrade.xsd"/>
    <uri name="http://release.niem.gov/niem/domains/immigration/3.0/"
        uri="niem/domains/immigration/3.0/immigration.xsd"/>
    <uri name="http://release.niem.gov/niem/domains/maritime/3.0/"
        uri="niem/domains/maritime/3.0/maritime.xsd"/>
    <uri name="http://release.niem.gov/niem/domains/cbrn/3.0/"
        uri="niem/domains/cbrn/3.0/cbrn.xsd"/>
    [...]
</catalog>
```


MODEL SPREADSHEET

niem-3.0-beta1.xlsx

A	B	C	D	E	F	G	H
Type/Sub-properties	Type	Definition	2.1 Status	Keywords	Example Content	Usage Info	
	nc:ActivityConveyanceAssociationType	extends nc:AssociationType	A data type for an association between an activity and a conveyance.				
	Click here for object properties						
	nc:Activity	nc:ActivityType	A single or set of related actions, events, or process steps.	mod			
	nc:Conveyance	nc:ConveyanceType	A means of transport.	mod			
	nc:ActivityConveyanceAssociationAugr	<abstract element, no type>	An augmentation point for ActivityConveyanceAssociationType	mod			
	nc:ActivityDocumentAssociationType	extends nc:AssociationType	A data type for an association between an activity and a document.				
	Click here for object properties						
	nc:Activity	nc:ActivityType	A single or set of related actions, events, or process steps.	mod			
	nc:Document	nc:DocumentType	A paper or electronic document.	mod			
	Substitutable Elements:						
	+ it:AdditionalDocument	it:AdditionalDocumentType	Applied augmentation for type nc:DocumentType				
	+ it:AdditionalInformation	it:AdditionalInformationType	Applied augmentation for type nc:DocumentType				
	nc:ActivityDocumentAssociationAugme	<abstract element, no type>	An augmentation point for ActivityDocumentAssociationType	mod			
	nc:ActivityFacilityAssociationType	extends nc:AssociationType	A data type for an association between an activity and a facility.	mod			
	Click here for object properties						
	nc:Activity	nc:ActivityType	A single or set of related actions, events, or process steps.	mod			
	nc:Facility	nc:FacilityType	A building, place, or structure that provides a particular service.	mod			
	nc:ActivityFacilityAssociationAugmenta	<abstract element, no type>	An augmentation point for ActivityFacilityAssociationType	mod			

MODEL CODES (ENUMERATIONS)

niem-3.0-beta1-codes.xlsx

	A	B	C	D
1	NS	Link	NS Definition	URI
2	ansi_d20	Type List	Motor vehicle administration codes from ANSI D20, the Data Dictionary for Traffic Record Systems, maintained by AAMVA, the American Association of Motor Vehicle Administrators.	http://release.niem.gov/niem/codes/ansi_d20/3.0/
3	apco	Type List	Association of Public-Safety Communications Officials (APCO) - International, Inc.	http://release.niem.gov/niem/codes/apco_event/3.0/
4	atf	Type List	Bureau of Alcohol, Tobacco, and Firearms	http://release.niem.gov/niem/codes/atf/3.0/
5	biom	Type List	Biometric Schema Version 1.0	http://release.niem.gov/niem/domains/biometrics/3.0/
6	can	Type List	Province codes for Canada.	http://release.niem.gov/niem/codes/canada_post/3.0/
7	cbrncl	Type List	Radiological and Nuclear Code List	http://release.niem.gov/niem/codes/cbrncl/3.0/
8	census	Type List	County codes from US Census.	http://release.niem.gov/niem/codes/census_uscounty/3.0/
9	core_misc	Type List	Non-authoritative codes for the direction of a person's pose in an image.	http://release.niem.gov/niem/codes/core_misc/3.0/
10	cyfs	Type List	Children, Youth, and Family Services	http://release.niem.gov/niem/domains/cyfs/3.0/
11	dea	Type List	Drug Enforcement Administration	http://release.niem.gov/niem/codes/dea_ctlsub/3.0/
12	dod_jcs-pub2.0	Type List	Intelligence discipline codes from the U.S. Department of Defense (DoD) Joint Publication 2.01.	http://release.niem.gov/niem/codes/dod_jcs-pub2.0/3.0/
13	dol	Type List	US Department of Labor occupation codes	http://release.niem.gov/niem/codes/dol_soc/3.0/
14	edxl_rm	Type List	Emergency Data Exchange Language	http://release.niem.gov/niem/codes/edxl_rm/3.0/
15	em	Type List	Emergency Management	http://release.niem.gov/niem/domains/emergencyManagement/3.0/
16	fips_10-4	Type List	Countries, dependencies, areas of special sovereignty, and their principal administrative divisions from the Federal Information Processing Standards (FIPS) 10-4.	http://release.niem.gov/niem/codes/fips_10-4/3.0/
17	fips_5-2	Type List	Codes for the identification of the states, the District of Columbia and the outlying areas of the U.S., and associated areas from the Federal Information Processing Standards (FIPS) 5-2.	http://release.niem.gov/niem/codes/fips_5-2/3.0/
18	fips_6-4	Type List	Counties and equivalent entities of the U.S., its possessions, and associated areas from the Federal	http://release.niem.gov/niem/codes/fips_6-4/3.0/

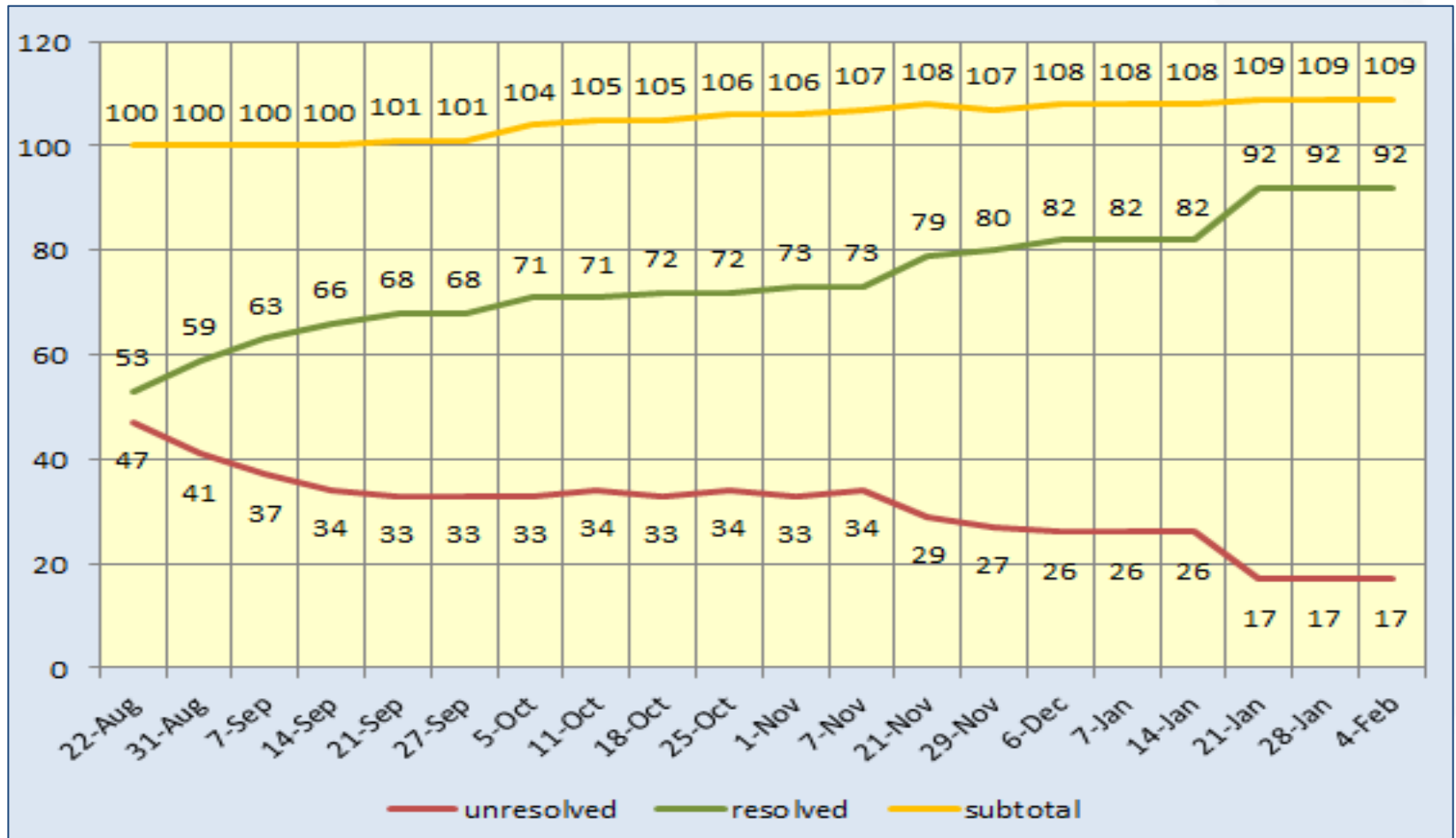
NS Index Type Index ansi_d20 apco atf biom can cbrncl census core_misc cyfs dea dod_jcs-pub2.0 dol edxl_rm em fips_10-4

QA REPORT

niem-3.0-beta1-QA.xlsx

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Test	Tab	Core	Biom	CBRN	CYFS	EM	IM	Intel	InfrProt	IntTrade	JXDM	Mar	Scr
2	Types should have definitions	TypeBlankDef	fail		fail							fail		
3	Type names end with representation term "Type"	TypeRepTerm			fail									
4	CSC type names should usually correspond to their base simple type name (optional)	TypeNameMismatch			check	check								
5	Elements should have definitions.	EltBlankDef					fail							
6	Association names should use "Association" as a representation term	EltAssnName						fail						
7	Elements should have complex data types	EltSimpleType		fail	fail	fail								
8	Element names should not contain the reserved term "Type"	EltTermType			fail									
9	Element names should be upper camel case	EltUCC			fail									
10	Codes and other facets should have definitions.	FacetBlankDef	fail	fail			fail					fail		
11	Codes should not begin or end with a space	CodeSpace			fail									
12	Definitions of abstract elements should begin with "A data concept for ..."	EltDefAbstract		fail	fail	fail	fail	fail	fail		fail			fail
13	Definitions of association elements should begin with "An association... " or "A relationship... "	EltDefAssn				fail	fail	fail	fail		fail			fail
14	Definitions of augmentation elements should begin with "Additional information about..."	EltDefAug			fail	fail								
15	Definitions of category text elements should begin with "A kind of..."	EltDefCatText			fail	fail	fail	fail	fail		fail			fail
16	Definitions of date elements should begin with "A date ..."	EltDefDate	fail		fail	fail	fail	fail			fail	fail		fail
17	Definitions of description text elements should begin with "A description of..."	EltDefDescText			fail	fail	fail	fail			fail			fail
18	Definitions of image elements should begin with "A(n) (optional adjective) image/picture/photograph of..."	EltDefImage				fail								
19	Definitions of identification elements should begin with "A(n) (optional adjective) identification..."	EltDefIdentification			fail	fail	fail	fail	fail		fail			fail
20	Definitions of identifier elements should begin with "An identifier..."	EltDefIdentifier	fail	fail	fail	fail	fail	fail	fail	f	fail	fail		fail
21	Definitions of indicator elements should begin with "True if...; false otherwise/if..."	EltDefIndicator			fail	fail		fail	fail		fail			fail

NCCT ISSUE RESOLUTION (SINCE AUGUST 2012)



WHAT'S IN NIEM 3.0?

(CHANGES FROM 2.1)

Domains

New Domain: Biometrics

Updates: Justice, CBRN, Immigration, Screening, Biometrics, International Trade, Maritime

Family Services (FS) changed its name to Children, Youth, & Family Services (CYFS)

Resolved issues in NIEM Configuration Control Tool (NCCT)

100+ NCCT issues backlogged after NIEM 2.0 and 2.1

~100 issues resolved since the NIEM 3.0 Kickoff in August

Significant object updates: LocationType (refactored), DocumentType, ContactInformation (types and associations), FacilityType, ItemType, BiometricType, Measures and MeasureType.

New code lists: HL7 (religion), GENC, Census-USCounty, occs-facility, DoL-soc (occupations), XCard (v-card XML representation)

Code list updates: FIPS (sunset lists), mmucc, nga-vdatum, ansi-d20

Harmonization: Justice & Biometrics, Immigration & Screening, CBRN & International Trade, Screening & Biometrics, Core & Biometrics

UPDATES TO NIEM TECHNICAL ARCHITECTURE IN 3.0

ALSO STARRING: WEBB ROBERTS

TECHNICAL ARCHITECTURE

- These updates are not final
- Please make comments
- NIEM Technical Architecture Committee (NTAC) vets comments
- Goals: simplification, usability
- NIEM Naming and Design Rules (NDR) is being updated; please comment on the artifacts in the release!

SIMPLIFIED STRUCTURES

NIEM 2.0	NIEM 3.0
structures:linkMetadata attribute	Replaced with structures:relationshipMetadata attribute
structures:sequenceID	Removed
structures:Augmentation element	Removed
structures:Metadata element	Removed
structures:ComplexObjectType	Replaced with structures:ObjectType and structures:AssociationType
structures Object and Association resources (for appinfo:Base)	Removed; extend from base types
structures:ReferenceType	Removed

SIMPLIFIED ANNOTATIONS

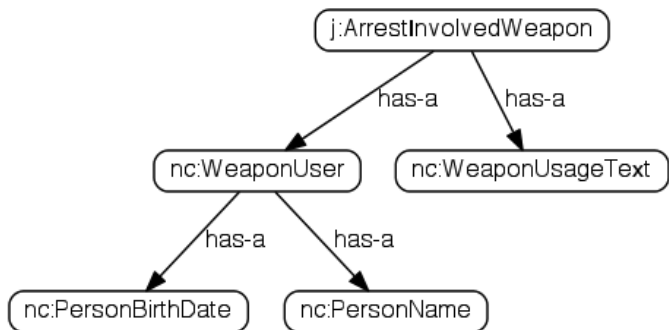
NIEM 2.0	NIEM 3.0
appinfo:ConformantIndicator	Schema: use attribute ct:conformanceTargets. Imports: use attribute appinfo:externalImportIndicator
appinfo:Base	Use the base types structures:ObjectType, structures:AssociationType.
appinfo:ReferenceTarget	Use the element's type attribute.
appinfo:AppliesTo	Augmentations: use the augmentation element's substitutionGroup attribute. Metadata: use attributes appinfo:appliesToTypes, appinfo:appliesToElements.
appinfo:ExternalAdapterTypeIndicator	Use attribute appinfo:externalAdapterTypeIndicator

SIMPLIFIED ANNOTATIONS

```
<xs:complexType name="MultiCurveType" appinfo:externalAdapterTypeIndicator="true">
  <xs:annotation>
    <xs:documentation>[...]</xs:documentation>
    <xs:appinfo>
      <appinfo:Base
        appinfo:namespace="http://niem.gov/niem/structures/2.0"
        appinfo:name="Object"/>
      <appinfo:ExternalAdapterTypeIndicator
        >true</appinfo:ExternalAdapterTypeIndicator>
    </xs:appinfo>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="structures:ComplexObjectTypeObjectType">
      <xs:sequence>
        <xs:element ref="gml:MultiCurve"
          minOccurs="1"
          maxOccurs="unbounded">
          <xs:annotation>
            <xs:documentation>[...]</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

UNIFIED CONTENT & REFERENCE ELEMENTS

CONTENT



```
<j:ArrestInvolvedWeapon>
  <nc:WeaponUser>
    <nc:PersonBirthDate>
      <nc:Date>1968-05-14</nc:Date>
    </nc:PersonBirthDate>
    <nc:PersonName>
      <nc:PersonFullName>Mark Moe</nc:PersonFullName>
    </nc:PersonName>
  </nc:WeaponUser>
  <nc:WeaponUsageText>Fired</nc:WeaponUsageText>
</j:ArrestInvolvedWeapon>
```

REFERENCE

```
<j:ArrestInvolvedWeapon>
  <nc:WeaponUser structures:ref="Person1"/>
  <nc:WeaponUsageText>Fired</nc:WeaponUsageText>
</j:ArrestInvolvedWeapon>

<nc:Person structures:id="Person1">
  <nc:PersonBirthDate>
    <nc:Date>1968-05-14</nc:Date>
    <nc:PersonName>
      <nc:PersonFullName>Mark
Moe</nc:PersonFullName>
    </nc:PersonName>
  </nc:PersonBirthDate>
</nc:Person>
```

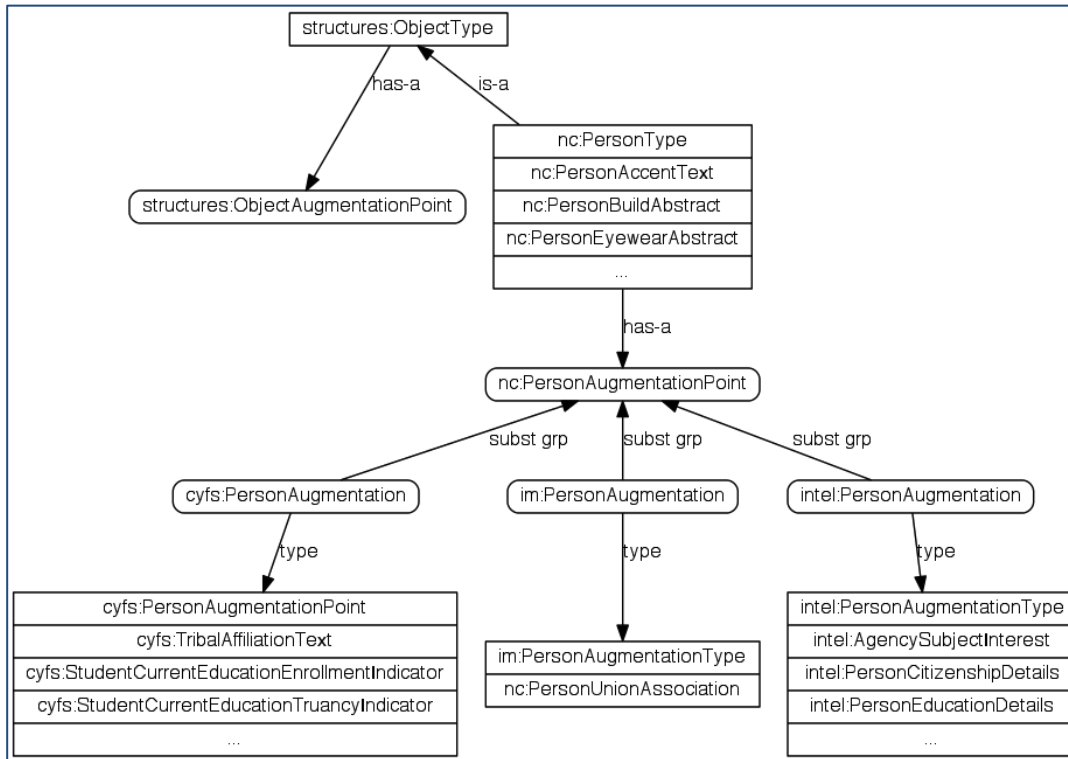
SIMPLIFIED SCHEMAS

```
<xs:complexType name="WeaponType">
  <xs:annotation>
    <xs:documentation>[...]</xs:documentation>
    <xs:appinfo>
      <appinfo:Base appinfo:namespace="http://niem.gov/niem/structures/2.0"
appinfo:name="Object"/>
    </xs:appinfo>
  </xs:annotation>
  <xs:complexContent>
    <xs:extension base="structures:ComplexObjectTypeObjectType">
      <xs:sequence>
        <xs:element ref="nc:WeaponUser" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element ref="nc:WeaponUserReference" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

<xs:element name="WeaponUser" type="nc:PersonType">
  <xs:annotation>
    <xs:documentation>A person who uses a weapon.</xs:documentation>
  </xs:annotation>
</xs:element>

<xs:element name="WeaponUserReference" type="structures:ReferenceType">
  <xs:annotation>
    <xs:documentation>A person who uses a weapon.</xs:documentation>
    <xs:appinfo>
      <appinfo:ReferenceTarget appinfo:name="PersonType"/>
    </xs:appinfo>
  </xs:annotation>
</xs:element>
```

UPDATED AUGMENTATIONS



Augmentations are extensions without subclasses

Each object or association type contains an **augmentation point** element

Augmentation elements are substitutable for the augmentation point

STRUCTURES BASE TYPES

```
<xs:complexType name="ComplexObjectTypeObjectType" abstract="true">
  <xs:sequence>
    <xs:element ref="structures:ObjectAugmentationPoint" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute ref="structures:id"/>
  <xs:attribute ref="structures:ref"/>
  <xs:attribute ref="structures:metadata"/>
  <xs:attribute ref="structures:linkMetadatastructures:relationshipMetadata"/>
  <xs:anyAttribute namespace="urn:us:gov:ic:ism urn:us:gov:ic:ntk" processContents="lax"/>
</xs:complexType>
```

- Split ComplexObjectType into ObjectType, AssociationType
- Added augmentation point element
- Added structures:ref attribute
- Renamed linkMetadata to relationshipMetadata
- Added attribute wildcard for IC ISM, NTK namespaces

LOCAL VOCABULARY

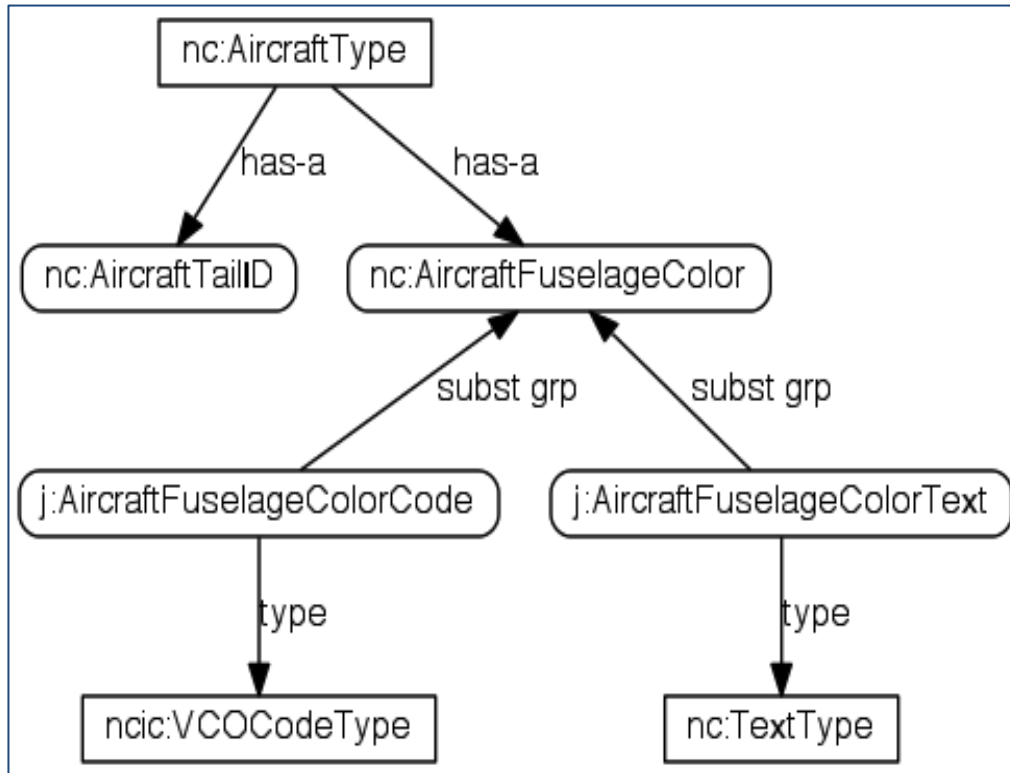
- Annotations in the schema identify non-dictionary terminology: jargon, acronyms, slang
- Removes NDR 1.3 Table 9-1: Abbreviations
- Used in Immigration namespace

```
<term:LocalTerm term="SEVIS"  
                literal="Student and Exchange Visitor Information  
                        System"/>  
<term:LocalTerm term="ICE"  
                literal="Immigration and Customs Enforcement"/>  
<term:LocalTerm term="USCIS"  
                literal="United States Citizenship and Immigration  
                        Services"/>
```

ICEEmployeeType
ICEOfficerType
SEVISPersonDependentAssociationType
ICEEmployee
ICEEmployeeAssistantUSAttorneyIndicator
ICEEmployeeAttorneyIndicator

ICEEmployeeAugmentationPoint
ICEEmployeeBadgIdentification
ICEEmployeeK9Indicator
ICEEmployeePINIdentification
ICEEmployeePayGradeNumeric
ICEEmployeeTitleText

ABSTRACT ELEMENTS FOR CODES



- Code + Text with the same basic meaning
- Release defines an abstract, typeless element for each
- Code + Text are substituted for the base element

HOW YOU CAN CONTRIBUTE

BACK TO...JUSTIN STEKERVETZ

HOW TO PROVIDE FEEDBACK

More on NIEM 3.0:
[NIEM.gov/version3](https://www.niem.gov/version3)



The Beta model is available from now until **July 8th** for public review. Providing feedback is easy!

Step 1: Download the Beta Model

Go to <https://www.niem.gov/technical/coming-soon/Pages/Public-Review.aspx> to download the latest Beta Model. The Beta release package contains both XML schemas and a Microsoft Excel spreadsheet.

Step 2: Determine your Review Type and Access Materials

We are looking for both technical and non-technical feedback!

- **Non-Technical Review:** You can review the Model in Excel without having to understand XML schemas.
- **Technical Review:** You can also review the Extensible Markup Language (XML) schemas.

Step 3: Conduct Your Review

What to look for in your review.

- | | | |
|--------------------------|--------------------------------|--------------|
| ✓ Definitions | ✓ Grammar/Spelling/Punctuation | ✓ Code Lists |
| ✓ Technical Architecture | ✓ Harmonization | ✓ Other |

Step 4: Submit Your Feedback on NIEM.gov

To submit feedback go to <https://www.niem.gov/Pages/contact.aspx>. Select “NIEM 3.0 Feedback” under “Category” in the online form.

STEP 1

DOWNLOAD THE BETA MODEL

Go to: <https://www.niem.gov/technical/coming-soon/Pages/Public-Review.aspx>

NOTE: You can also go to [NIEM.gov/version3](https://www.niem.gov/version3) & click the “public review” button to get to this page!

The Beta link will allow you to download a Zip File of the model

Similar to the Alpha 2 model for public review, the Beta release package contains both **XML schemas** and a **Microsoft Excel spreadsheet**.

STEP 2

DETERMINE REVIEW TYPE & ACCESS MATERIAL

We are looking for both Non-Technical and Technical review feedback!

NON-TECHNICAL REVIEW

Type/Sub-properties	Type
nc:ActivityConveyanceAssociationType	extends nc:AssociationType
nc:Activity	nc:ActivityType
nc:Conveyance	nc:ConveyanceType
nc:ActivityConveyanceAssociationAugmentation	<abstract element, no type>
nc:ActivityDocumentAssociationType	extends nc:AssociationType
nc:Activity	nc:ActivityType
nc:Document	nc:DocumentType
Substitutable Elements:	
+ it:AdditionalDocument	it:AdditionalDocumentType
+ it:AdditionalInformation	it:AdditionalInformationType
nc:ActivityDocumentAssociationAugmentation	<abstract element, no type>
nc:ActivityFacilityAssociationType	extends nc:AssociationType
nc:Activity	nc:ActivityType

Excel File:

The first tab contains the content of NIEM Core. The other tabs each contain an individual NIEM domain. All domains are included.

TECHNICAL REVIEW

Property	Person
types	
Attributes	
Elements	

Text or XML Editor:

Schemas can be viewed via a text editor or an XML Editor

SSGT:

<http://tools.niem.gov/niemtools/ssgt/SSGT-SearchSubmit.iepd>

STEP 3

CONDUCT YOUR REVIEW: WHAT TO LOOK FOR



Definitions

Do you see a definition that appears to be incorrect? Do any definitions appear to conflict with each other? Are definitions distinct and distinguishable (or at least different)?



Grammar/Spelling/Punctuation

Do you see errors in the text of the model?



Technical Architecture

NIEM 3.0 has over a dozen technical improvements to architecture and structure. Review available schemas and artifacts.



Harmonization

Do data element exists only once? Are they semantically precise and clear? Are they e-usable and scalable across domains and the NIEM community?



Code Lists

Are code lists up-to-date and relevant?



Other

Are there additional content or structural items or issues that need to be addressed?

STEP 4

SUBMIT YOUR FEEDBACK

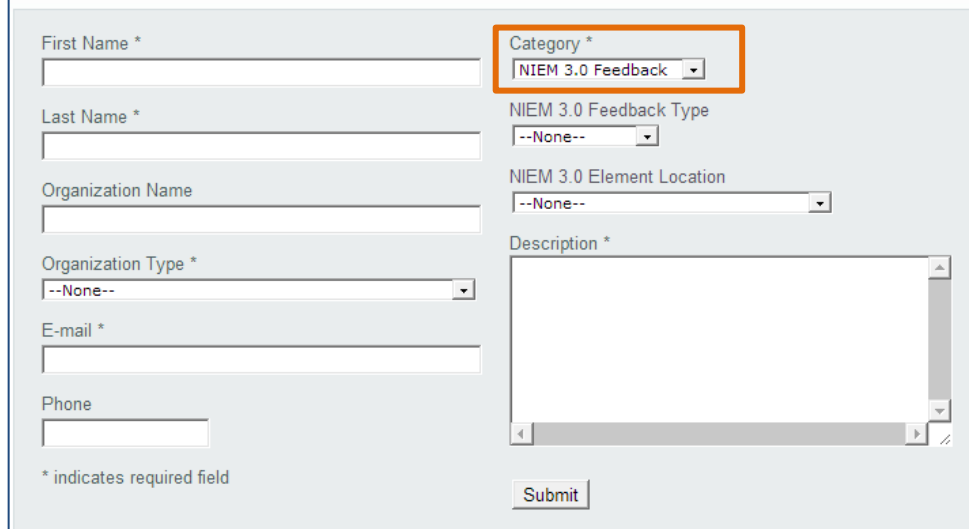
To submit feedback go to <https://www.niem.gov/Pages/contact.aspx>.

Ask us anything. Really.

We welcome your questions about absolutely anything NIEM. We'll try our best to answer them! Questions will be answered in a timely manner depending on the level of complexity.

NIEM 3.0 Public Review: If you are submitting feedback or have a question related to the NIEM 3.0 public review, please select the category "NIEM 3.0 Feedback" on the online form below.

Contact us online:



The screenshot shows a contact form with the following fields and options:

- First Name * (text input)
- Last Name * (text input)
- Organization Name (text input)
- Organization Type * (dropdown menu, currently showing "--None--")
- E-mail * (text input)
- Phone (text input)
- Category * (dropdown menu, highlighted in orange, showing "NIEM 3.0 Feedback")
- NIEM 3.0 Feedback Type (dropdown menu, currently showing "--None--")
- NIEM 3.0 Element Location (dropdown menu, currently showing "--None--")
- Description * (text area)

* indicates required field

Submit

Select “NIEM 3.0 Feedback” under “Category” in the online form.

DON'T MISS YOUR LAST CHANCE!

SUBMIT YOUR FEEDBACK TODAY!

Beta is your **LAST CHANCE** to provide feedback on the entire version 3.0 release. To ensure that 3.0 is a success, your review of Beta is critical!

Feedback Submission Period:

June 25th, 2013 – July 8th, 2013

To download the model:

<https://www.niem.gov/technical/coming-soon/Pages/Public-Review.aspx>

To submit feedback:

<https://www.niem.gov/Pages/contact.aspx>

Questions?

E-mail information@niem.gov with subject: **“3.0 HELP”**

Run...don't walk, and **SUBMIT YOUR FEEDBACK TODAY!**