Release Notes for CEF and DEI Taxonomies 2021Q4

Dated 2021-12-20

Contents

1 Overview

The 2021Q4 release includes the first publication of the Closed-End Fund (cef) taxonomy for acceptance in EDGAR and an update to the Document and Entity Information (dei) taxonomy to provide new elements to tag auditor information. The table below contains all of the current taxonomy versions accepted in EDGAR beginning December 2021.

Figure 1. SEC-maintained XBRL taxonomies and all versions currently and historically accepted in EDGAR

	2021q4	2021	2020	2019	2018	2017	pre 2017
cef	cef-2021q4		cef-draft				
country		country-2021	country-2020			country-2017	country-2016 country-2012 country-2013
currency		currency-2021	currency-2020	currency-2019		currency-2017	currency-2016 currency-2014 currency-2012
dei	dei-2021q4	dei-2021	dei-2020	dei-2019	dei-2018		dei-2014dei-2012-dei-2013 dei-2009
exch		exch-2021	exch-2020	exch-2019	exch-2018	exch-2017	exch-2016 exch-2015 exch-2014 exch-2013
invest							invest-2013 invest-2012
naics		naics-2021				naics-2017	naics-2011
rr		rr-2021			rr-2018		rr-2012
sic		sic-2021	sic-2020				sic-2011
stpr		stpr-2021			stpr-2018		stpr-2011
vip			vip-draft				

The Commission is notifying the public that EDGAR is now accepting the cef-2021q4 and dei-2021q4 taxonomies. For reference purposes, taxonomy versions in gray and a single strike-through will have already been deleted from EDGAR in an earlier release.

1.1 Consolidation of Taxonomy Files

Prior to the 2021 versions of the taxonomies listed above, every SEC-maintained eXtensible Business Reporting Language (XBRL) taxonomy contained several schemas with element, type and role declarations, empty schemas having only linkbase pointers ("entry points") and linkbases that referenced each other in a hierarchy three or four layers deep. Certain schemas, entry points and linkbases were permitted in Electronic Data Gathering, Analysis, and Retrieval (EDGAR) filings, some used only internally in EDGAR for validation and rendering, and some used only to provide the "entire" entry point of all files. The growing complexity of published materials – sec.gov/info/edgar/edgartaxonomies.xml, derived web pages such as sec.gov/info/edgar/edgartaxonomies.shtml, interactive data test suites, and applications for analysis and validation -- all pointed to a need for a simplification effort.

As of the 2021 versions of all SEC-maintained XBRL taxonomies, the taxonomy schemas use a simplifying XBRL 2.1 feature documented in the XBRL 2.1 specification section 3.2 and generally referred to as "embedded" linkbases. Any number or type of linkbases may appear in an XML Schema `<appinfo>` element of an SEC-maintained taxonomy. There are no longer separate linkbase files suffixed ".xml"; all linkbases are now embedded in schemas. In some cases, more than one type of linkbase is embedded in a single schema. Furthermore, only those linkbases that could potentially be used separately from other linkbases in a taxonomy will appear embedded in separate files.

Figure 2. Examples of files consolidation in 2021 relative to earlier versions.

Contents	Example locations prior to 2021	Corresponding locations since 2021
Entry point for all files	`dei-ent-dep-2020-01-31.xsd`	`dei-entire-2021.xsd`
Core schema (elements, roles, types)	`dei-2020-01-31.xsd`	`dei-2021.xsd`
Optional Standard labels	`dei-std-2020-01-31.xsd` `dei-lab-2020-01-31.xml`	`dei-2021_lab.xsd`

Contents	Example locations prior to 2021	Corresponding locations since 2021
Optional Presentation links	`dei-pre-2020-01-31.xsd` `dei-pre-2020-01-31.xml`	`dei-2021_pre.xsd`
Optional Definition relationships	`dei-def-2020-01-31.xml` `dei-def-2020-01-31.xsd`	`dei-2021_def.xsd`
Documentation labels (for rendering – filings cannot use)	`dei-doc-2020-01-31.xml` `dei-all-2020-01-31.xsd`	`dei-2021_doc.xsd`
Authoritative references (for rendering – filings cannot use)	`dei-ref-2020-01-31.xml` `dei-all-2020-01-31.xsd`	`dei-2021_ref.xsd`

Deprecation relationships
(for validation – filings cannot use)
	`rr-dep-def-2020-01-31.xml`
	`rr-dep-pre-2020-01-31.xml`
	`rr-ent-dep-2020-01-31.xsd`
		`rr-entire-2021.xsd`

1.2 Locations of Taxonomies

There is a single ZIP archive of all SEC-maintained taxonomies for a given date at:

https://xbrl.sec.gov/{yyyy}{q?}.zip

e.g., https://xbrl.sec.gov/2021q4.zip

When taxonomies require more than one version in a given year, the four-digit year is augmented with "q2", "q3", or "q4" as the case may be, to indicate the calendar quarter in which it is published.

The "entire" entry point of a taxonomy having short name {name} will be found at

https://xbrl.sec.gov/{name}/{yyyy}{q?}/{name}-entire-{yyyy}{q?}.xsd

e.g., https://xbrl.sec.gov/dei/2021/dei-entire-2021.xsd, with namespace http://xbrl.sec.gov/dei-entire/2021.

The core schema file of each final version will be found at this location:

https://xbrl.sec.gov/{name}/{yyyy}{q?}/{name}{yyyy}{q?}.xsd

e.g., https://xbrl.sec.gov/exch/2021/exch-2021.xsd with namespace http://xbrl.sec.gov/exch/2021.

If, for example, the DEI taxonomy required updating in mid-2022, there would be a new zip file https://xbrl.sec.gov/2022q3.zip and a new taxonomy at https://xbrl.sec.gov/dei/2021q3/dei-entire-2021q3.xsd having target namespace http://xbrl.sec.gov/dei/2021q3.

2 Element Changes and Deprecated Elements

Details about the date, reasons, and relationships between deprecated elements and their replacements are found in the taxonomy entry points having the token **_dep** or **-entire** in them. The arc roles and label roles are those used in the US-GAAP taxonomy. For example, to see all information about deprecated elements in the rr-2021 taxonomy, see the entry point:

https://xbrl.sec.gov/rr/2021/rr-entire-2021.xsd

3   Specific Changes

3.1   Closed-End Fund (CEF) Taxonomy

The CEF 2021q4 taxonomy removes certain document and entity related concepts from the draft CEF taxonomy version released in April 2020; these concepts are already in the Document and Entity Information (DEI) taxonomy. There are several other deletions, as well as concept additions and modifications, such as changes to concept names, references, and item types.

3.1.1   CEF Concepts Deleted

The CEF 2021q4 taxonomy deletes 28 concepts relative to the April 2020 draft.

Element
SecuritiesActFileNumber
SecuritiesActRegistrationFlag
SecuritiesActPreEffectiveAmendmentFlag
SecuritiesActPostEffectiveAmendmentFlag
InvestmentCompanyActRegistrationFlag
InvestmentCompanyActAmendmentNumber
DividendOrInterestReinvestmentPlanOnlyFlag
DelayedOrContinuousOfferingFlag
LatestPremiumDiscountToNav
N2InstructionBEffectiveUponFiling462eFlag
N2InstructionEffectiveAdditionalSecurities413bFlag
N2Section8cEffectiveWhenDeclaredFlag
N2Rule486bEffectiveUponFilingFlag
N2Rule486bEffectiveOnSetDateFlag
N2Rule486bEffectiveDate
N2Rule486aEffective60DaysFlag
N2Rule486aEffectiveOnSetDateFlag
N2Rule486aEffectiveDate
N2NewEffectiveDateForPreviousFilingFlag
References462bAdditionalSecuritiesFlag
Earlier462bAdditionalSecuritiesFileNumber
References462cNoSubstantiveChangesFlag
Earlier462cNoSubstantiveChangesFileNumber
ExhibitsOnly462dFlag
EarlierExhibitsOnly462dFileNumber
FeeTableAndSynopsisAbstract
SeniorSecuritiesFiscalYear
LatestPremiumDiscountToNav

3.1.2   CEF Concepts Added

The CEF 2021q4 taxonomy adds three concepts relative to the April 2020 draft.

cef-2021q4 Element	Label (standard label role, en-US)
RiskTextBlock	Risk [Text Block]
RiskAxis	Risk [Axis]
AllRisksMember	All Risks [Member]

3.1.3 CEF Concepts Modified

All elements derived from the domain item type are now derived from the domain item type in https://www.xbrl.org/dtr/type/2020-01-21/types.xsd. The CEF draft data types sequenceNumberItemType and fileNumberItemType have also been replaced by their DEI taxonomy equivalents.

The CEF 2021q4 taxonomy modifies the following element names from the April 2020 draft version.

cef-2021q4 Element	cef-draft (April 2020) Element
PrimaryShelfFlag	N2InstructionA2PrimaryShelfFlag
PrimaryShelfQualifiedFlag	N2InstructionA2PrimaryShelfQualifiedFlag
FeeTableAbstract	SupplementToProspectusTextBlock
ExpenseExampleYear01	ExpenseExampleYear1
PurposeOfFeeTableNoteTextBlock	PurposeOfFeeTableSynopsisNoteTextBlock
OtherExpensesNoteTextBlock	BasisOfAnnualExpensesNoteTextBlock
ManagementFeeNotBasedOnNetAssetsNoteTextBlock	ManagementFeeArrangementsNoteTextBlock
AcquiredFundIncentiveAllocationNoteTextBlock	IncentiveAllocationNoteTextBlock
AcquiredFundTotalAnnualExpensesNoteTextBlock	TotalAnnualExpensesNoteTextBlock
RiskFactorsTableTextBlock	RiskFactorsTextBlock
SecurityTitleTextBlock	ClassTitleTextBlock
SecurityDividendsTextBlock	ClassDividendsTextBlock
SecurityVotingRightsTextBlock	ClassVotingRightsTextBlock
SecurityLiquidationRightsTextBlock	ClassLiquidationRightsTextBlock
SecurityLiabilitiesTextBlock	ClassLiabilitiesTextBlock
SecurityPreemptiveAndOtherRightsTextBlock	ClassPreemptiveAndOtherRightsTextBlock
SecurityObligationsOfOwnershipTextBlock	ClassObligationsOfOwnershipTextBlock
RightsLimitedByOtherSecuritiesTextBlock	RightsLimitedByOtherClassesTextBlock
LongTermDebtRightsLimitedByOtherSecuritiesTextBlock	LongTermDebtRightsLimitedByOtherClassesTextBlock
SecurityAxis	ClassAxis
AllSecuritiesMember	AllClassesMember

The CEF 2021q4 taxonomy adds one new reference for one existing concept.

Element	Reference
NewCefOrBdcRegistrantFlag	Form N-2

The CEF2021q4 taxonomy changes the type of the following elements from their previous XBRL 'monetary' item type to 'per share' item type, for consistency with other EDGAR taxonomies in the treatment of similar data elements.

Element
SeniorSecuritiesCoveragePerUnit
SeniorSecuritiesInvoluntaryLiquidatingPreferencePerUnit
SeniorSecuritiesAverageMarketValuePerUnit
AnnualDividendPayment
AnnualDividendPaymentInitial
AnnualDividendPaymentCurrent
LowestPriceOrBid
HighestPriceOrBid

| LowestPriceOrBidNav |
| HighestPriceOrBidNav |
| LatestSharePrice |
| LatestNav |
| WarrantsOrRightsCalledAmount |
| WarrantsOrRightsExercisePrice |

3.2   Document and Entity Information (DEI) Taxonomy

DEI 2021q4 modifies references for a number of concepts as compared to DEI 2021, and adds new concepts for tagging auditor information and investment company information. DEI 2021q4 also adds one new item type to accommodate the typical language for uncertain registration dates that is prevalent in registration statements.

3.2.1   DEI Concepts Modified

DEI 2021q4 modifies references for the following elements.

Element	Reference
EntityWellKnownSeasonedIssuer	Securities Act 230.405
DocumentRegistrationStatement	Exchange Act 240.12
RegistrationStatementAmendmentNumber	Exchange Act 240.12
PreEffectiveAmendment	Exchange Act 240.12
PreEffectiveAmendmentNumber	Exchange Act 240.12
PostEffectiveAmendment	Exchange Act 240.12
PostEffectiveAmendmentNumber	Exchange Act 240.12
EntityRegistrantName	Exchange Act 240.12.b-2
EntityCentralIndexKey	Exchange Act 240.12.b-2
EntityTaxIdentificationNumber	Exchange Act 240.12.b-2
EntityShellCompany	Exchange Act 240.12.b-2
EntityFilerCategory	Exchange Act 240.12.b-2
EntitySmallBusiness	Exchange Act 240.12.b-2
EntityEmergingGrowthCompany	Exchange Act 240.12.b-2
EntityAddressesTable	Exchange Act 240.12.b-2

3.2.2   DEI Concepts Added

DEI 2021q4 adds the following concepts.

Element	Label [role, language]
AuditorLineItems	Auditor [Line Items] [label, en-US]
AuditorTable	Auditor [Table] [label, en-US]
AuditorName	Auditor Name [label, en-US]
AuditorFirmId	Auditor Firm ID [label, en-US]; PCAOB issued Audit Firm Identifier [documentation, en-US]
AuditorLocation	Auditor Location [label, en-US]
InvestmentCompanyRegistrationAmendment	Investment Company Registration Amendment [label, en-US]

3.2.3   DEI Type Added

DEI 2021q4 adds new item type, dateOrAsapItemType, to handle the typical language for uncertain registration dates that is prevalent in registration statements. In a sample of 400 registration statement submissions, only sixteen actually provided a date representing "Approximate Date of Commencement of Proposed Sale to the Public," while all the others had one of the two phrases shown below.

Type	base type	Permitted values
dateOrAsapItemType	token (i.e., white space collapsed)	As soon as practicable after the effective date of this Registration Statement
		From time to time after the effective date of this Registration Statement
		{an ISO style date such as} 2021-01-01