



# *Meta Model and Policy Election Element Relationships*

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The views expressed in this presentation are those of the presenter.  
Official positions of the FASB are reached only after extensive due process and deliberations

# Meta Model Relationships Overview

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# Meta Model Relationships Overview

## Purpose

- Provide more expressive relationships
  - Semantic meaning of the elements
    - Assignment of traits/attributes
  - Accounting relevant relationships
- Assist preparers with element selection / searching for elements
  - Better articulation of element properties
- Facilitates writing business rules / validation checks
- Identify inconsistencies in taxonomy modeling
- Longer term, could provide preparers with a means of anchoring extensions that is more expressive than wider-narrower

*Current processes are not impacted*

# Meta Model Relationships Overview

## Included relationships

- Instant-accrual
- Instant-contra
- Instant-inflow
- Instant-outflow
- Trait-concept
- Trait-domain
- Class-subclass
- Concept-dimensional-equivalent

# Meta Model Relationships Overview

- Instant-accrual

- Indicates the relationship between an instant element and a duration accrual element that represents the provision of expense or income against the instant element (typically an asset or liability)
- Noncash transactions booked to an instant account
- Source element is instant, target element is duration



# Meta Model Relationships Overview

## ■ Instant-accrual

### - Benefits users by:

- Providing accounting relationships between the expense and the contra asset or asset
- Ensuring the balance is flowing into the applicable contra account
- Assisting with identifying non-cash adjustments

### - Example:

Hierarchy:	Definition
Relationship:	instant-accrual
▼  Finite-Lived Intangible Assets, Accumulated Amortization	
 Amortization of Intangible Assets	

# Meta Model Relationships Overview

- Instant-contra

- Indicates the relationship between the instant element and its offsetting element
- Both elements in the relationship should be instant
- If source element has a debit balance, target element has a credit balance and vice versa



# Meta Model Relationships Overview

## ■ Instant-contra

- Benefits users by:

- Providing accounting relationship between contra account and asset or liability it offsets
- Ensuring contra accounts are properly classified by users

- Example:

Hierarchy:	Definition
Relationship:	instant-contra
▼  Finite-Lived Intangible Assets, Gross	
 Finite-Lived Intangible Assets, Accumulated Amortization	



# Meta Model Relationships Overview

## ■ Instant-inflow

- Indicates the relationship between the instant element and the inflow duration elements
- Instant element with a debit balance will have an associated inflow element with a debit balance
- Instant element with a credit balance will have an associated inflow element with a credit balance
- US GAAP Financial Reporting Taxonomy (GRT) contains some inconsistencies

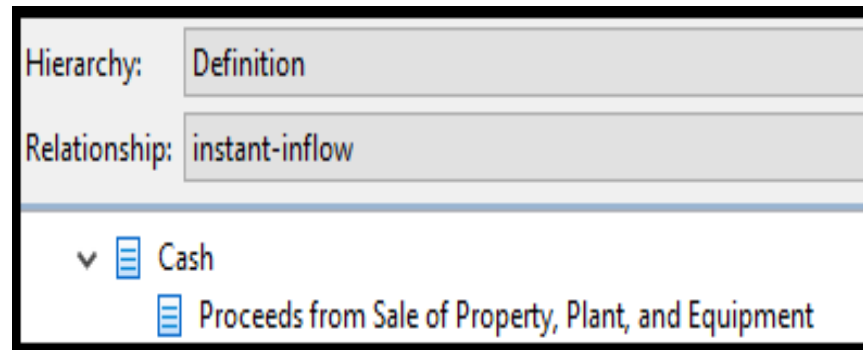
# Meta Model Relationships Overview

## ■ Instant-inflow

### - Benefits users by:

- Providing accounting relationships between elements that represent inflows or increases to balance sheet accounts
- Delineating between cash inflow elements and noncash accrual elements

### - Example:



# Meta Model Relationships Overview

## ■ Instant-outflow

- Indicates the relationship between the instant element and the outflow duration elements
- Instant element with a debit balance will have an associated outflow element with a credit balance
- Instant element with a credit balance will have an associated outflow element with a debit balance
- GRT contains some inconsistencies



# Meta Model Relationships Overview

## ■ Instant-outflow

### - Benefits users by:

- Providing accounting relationships between elements that represent outflows or decreases to balance sheet accounts
- Delineating between cash outflow elements and noncash expense elements

### - Example:

Hierarchy:	Definition
Relationship:	instant-outflow
▼  Cash	
 Payments to Acquire Property, Plant, and Equipment	

# Meta Model Relationships Overview

- Trait-concept
  - Indicates a singular trait of an element
    - Examples of traits: operating, financing, investing, current, noncurrent, estimated accrual, continuing, discontinued, etc.
  - Trait is conveyed with a domainItemType element
  - Relationship between the trait and the element
  - Used with class-subclass relationship
    - Subclass of a class element inherits the trait

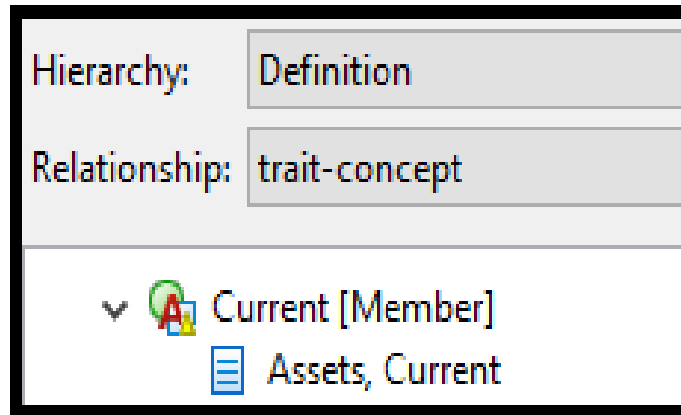
# Meta Model Relationships

## ■ Trait-concept

- Benefits users by:

- Allowing users to search for elements based upon accounting traits
- Autogenerating lists of elements based upon traits

- Example:



# Meta Model Relationships Overview

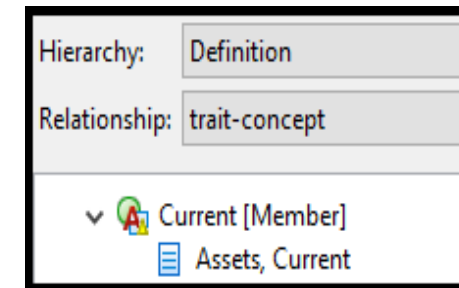
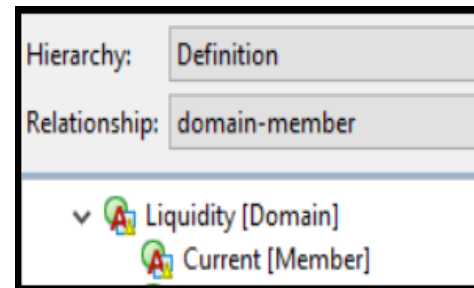
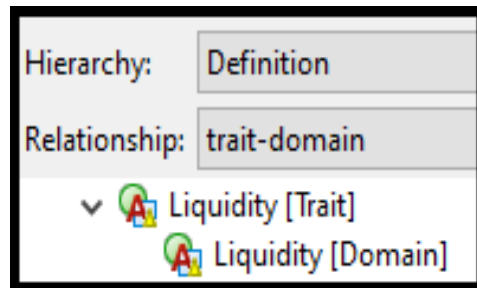
## ■ Trait-domain

- Indicates that the target domain trait element contains the list of values for the source trait type
- No element that is the target of the trait-concept relationship can have more than one trait from a trait's domain
- Relationship between two domainItemType elements
- Works with domain-member and trait-concept relationships

# Meta Model Relationships Overview

## ■ Trait-domain

- Benefits users by:
  - Ensures that conflicting accounting attributes are not assigned to an element
- Example:





# Meta Model Relationships Overview

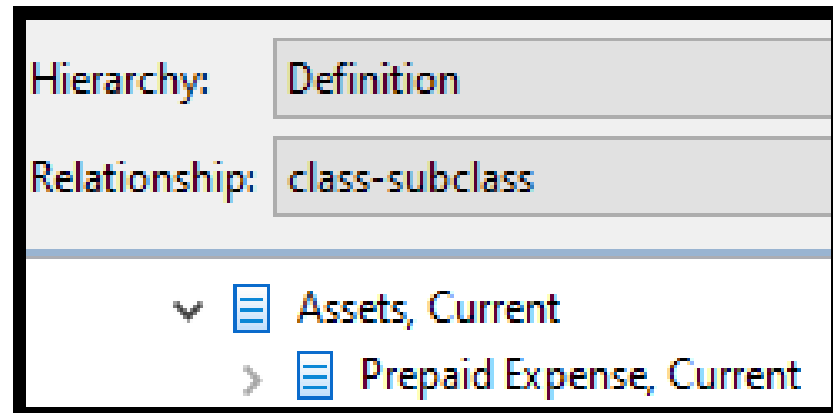
## ■ Class-subclass

- Indicates the relationship that the target element has the same attributes of the source element with further qualifiers
- All the traits of the class source element are also applicable to the target subclass element
- Fundamental to any hierarchical construct
  - Programming, inheritance, and accounting model

# Meta Model Relationships Overview

- Class-subclass

- Benefits users by:
  - Easier to understand the traits of every element
- Example:



# Meta Model Relationships Overview

## ■ Concept-dimensional-equivalent

- Indicates the element that has a dimensional equivalent with another element and a dimension-member combination
- Source element is the singular element, and the target elements are combined to synthetically create the same concept
  - Target elements consist of:
    - Primary element of same data type
    - Dimension element
    - domainItemType element

# Meta Model Relationships Overview

- Concept-dimensional-equivalent

- Benefits users by:

- Identifying equivalent accounting concepts to assist users in comparative analyses

- Example:

Hierarchy:	Definition
Relationship:	concept-dimensional-equivalent
▼	<ul style="list-style-type: none"><li>Retained Earnings, Unappropriated<ul style="list-style-type: none"><li>Stockholders' Equity, Including Portion Attributable to Noncontrolling Interest</li><li>Equity Components [Axis]</li><li>Retained Earnings, Unappropriated [Member]</li></ul></li></ul>

# Status

- Included with 2024 GRT
- Meta Model will continue to be developed in 2024
  - Relationships to be completed
  - Identify additional relationship types
- Education/guidance/outreach ongoing

# Accessing the Taxonomy

- Meta Model posted in [TORCS](#)
- Taxonomy files available at:
  - <https://xbrl.fasb.org/us-gaap/2024/meta/>

## FASB Taxonomies



**2024 Taxonomies**

The Financial Accounting Standards Board announced on March 19, 2024, that the U.S. Securities and Exchange Commission has accepted the 2024 GAAP Financial Reporting Taxonomy and the SEC Reporting Taxonomy.

[Read More](#)

2024 Taxonomies

## Final FASB Taxonomies

### 2024 GAAP Financial Reporting Taxonomy

Includes the 2024 Annual Update and Supporting Materials. This update relates to improvements since the 2023 taxonomy.

[Explore More](#) →

### 2023 GAAP Financial Reporting Taxonomy

Includes the 2023 Annual Update and Supporting Materials. This update relates to improvements since the 2022 taxonomy.

[Explore More](#) →

### 2024 SEC Reporting Taxonomy

Includes the 2024 Annual Update and Supporting Materials. This update relates to improvements since the 2023 taxonomy.

[Explore More](#) →

### 2023 SEC Reporting Taxonomy

Includes the 2023 Annual Update and Supporting Materials. This update relates to improvements since the 2022 taxonomy.

[Explore More](#) →

### DQC Rules Taxonomy

Includes all DQC Rules Taxonomies and Supporting Materials.

[Explore More](#) →

### GAAP Meta Model Relationships Taxonomy

The 2024 GAAP Meta Model Relationships Taxonomy can be accessed through this page.

[Explore More](#) →

# Policy Election Relationships

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# Policy Election Relationships

## ■ Purpose

- Provide a relationship in the GRT that links the policy election elements with the related monetary/numeric elements.
  - Currently, policy information is infrequently tagged
    - Difficult to programmatically collect

## ■ Objective is to provide relationships that can be leveraged

- Preparers to identify the policy elements for tagging
- Users to identify the policy elements for consumption
- Write business rules.



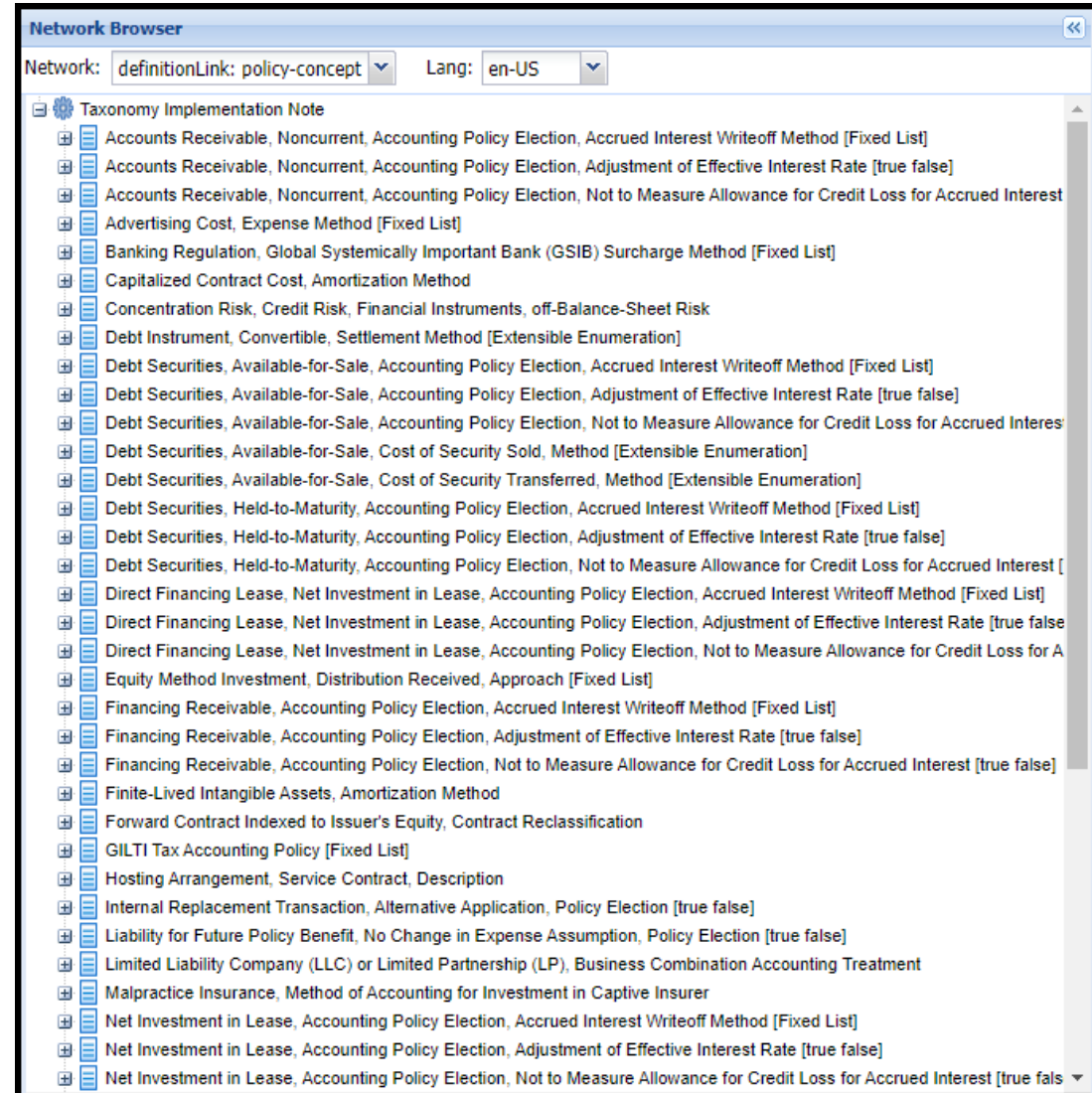
# Policy Election Relationships

## Example

The screenshot displays a web interface for a taxonomy network browser. At the top, there is a 'Taxonomy' dropdown menu. Below it is a header section titled 'Network Browser'. Underneath the header, there are two dropdown menus: 'Network:' with the value 'definitionLink: policy-concept' and 'Lang:' with the value 'en-US'. The main content area shows a hierarchical tree structure of accounting concepts. The root node is 'Property, Plant and Equipment, Depreciation Method [Extensible Enumeration]', which is expanded to show four sub-nodes: 'Depreciation', 'Property, Plant and Equipment, Gross', and 'Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment'. Each node is represented by a blue document icon and a text label.

# Policy Election Relationships

## Taxonomy Online Review and Comment System (TORCS)



The screenshot displays the 'Network Browser' window with the following details:

- Network: definitionLink: policy-concept
- Lang: en-US
- Category: Taxonomy Implementation Note
- List of items (each with a plus icon):
  - Accounts Receivable, Noncurrent, Accounting Policy Election, Accrued Interest Writeoff Method [Fixed List]
  - Accounts Receivable, Noncurrent, Accounting Policy Election, Adjustment of Effective Interest Rate [true false]
  - Accounts Receivable, Noncurrent, Accounting Policy Election, Not to Measure Allowance for Credit Loss for Accrued Interest [true false]
  - Advertising Cost, Expense Method [Fixed List]
  - Banking Regulation, Global Systemically Important Bank (GSIB) Surcharge Method [Fixed List]
  - Capitalized Contract Cost, Amortization Method
  - Concentration Risk, Credit Risk, Financial Instruments, off-Balance-Sheet Risk
  - Debt Instrument, Convertible, Settlement Method [Extensible Enumeration]
  - Debt Securities, Available-for-Sale, Accounting Policy Election, Accrued Interest Writeoff Method [Fixed List]
  - Debt Securities, Available-for-Sale, Accounting Policy Election, Adjustment of Effective Interest Rate [true false]
  - Debt Securities, Available-for-Sale, Accounting Policy Election, Not to Measure Allowance for Credit Loss for Accrued Interest [true false]
  - Debt Securities, Available-for-Sale, Cost of Security Sold, Method [Extensible Enumeration]
  - Debt Securities, Available-for-Sale, Cost of Security Transferred, Method [Extensible Enumeration]
  - Debt Securities, Held-to-Maturity, Accounting Policy Election, Accrued Interest Writeoff Method [Fixed List]
  - Debt Securities, Held-to-Maturity, Accounting Policy Election, Adjustment of Effective Interest Rate [true false]
  - Debt Securities, Held-to-Maturity, Accounting Policy Election, Not to Measure Allowance for Credit Loss for Accrued Interest [true false]
  - Direct Financing Lease, Net Investment in Lease, Accounting Policy Election, Accrued Interest Writeoff Method [Fixed List]
  - Direct Financing Lease, Net Investment in Lease, Accounting Policy Election, Adjustment of Effective Interest Rate [true false]
  - Direct Financing Lease, Net Investment in Lease, Accounting Policy Election, Not to Measure Allowance for Credit Loss for A [true false]
  - Equity Method Investment, Distribution Received, Approach [Fixed List]
  - Financing Receivable, Accounting Policy Election, Accrued Interest Writeoff Method [Fixed List]
  - Financing Receivable, Accounting Policy Election, Adjustment of Effective Interest Rate [true false]
  - Financing Receivable, Accounting Policy Election, Not to Measure Allowance for Credit Loss for Accrued Interest [true false]
  - Finite-Lived Intangible Assets, Amortization Method
  - Forward Contract Indexed to Issuer's Equity, Contract Reclassification
  - GILTI Tax Accounting Policy [Fixed List]
  - Hosting Arrangement, Service Contract, Description
  - Internal Replacement Transaction, Alternative Application, Policy Election [true false]
  - Liability for Future Policy Benefit, No Change in Expense Assumption, Policy Election [true false]
  - Limited Liability Company (LLC) or Limited Partnership (LP), Business Combination Accounting Treatment
  - Malpractice Insurance, Method of Accounting for Investment in Captive Insurer
  - Net Investment in Lease, Accounting Policy Election, Accrued Interest Writeoff Method [Fixed List]
  - Net Investment in Lease, Accounting Policy Election, Adjustment of Effective Interest Rate [true false]
  - Net Investment in Lease, Accounting Policy Election, Not to Measure Allowance for Credit Loss for Accrued Interest [true false]

# Thank You