

Release Notes

April 13, 2009

RIXML Specification Version 2.3

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Overview

RIXML version 2.3 is principally motivated by the desire to improve clarity and respond to lessons learned from using the schema in production over an extended period of time. The organization has received excellent feedback from its member firms stemming from implementation projects and substantial exposure to real instance documents produced industry-wide.

We've improved the definitions of more than 120 of the enumerated values governing restricted tags throughout the schema. We hope this will reduce confusion and corral the breadth of interpretations for these values we've seen in the field.

We've also seen many cases where publishers elected to populate tags with default values in the absence of reliable, accurate values. This practice leads to inaccurate tags, which, naturally, we view as worse than absent tags. So, we've loosened tag cardinalities where beneficial.

Version 2.3 does not break backward-compatibility with version 2.2. That is, a RIXML instance document that validates against version 2.2 will also validate against version 2.3.

Changes

This section itemizes the changes made between version 2.2 and version 2.3.

IssuerID

- Added the value *ExchangeTicker* to the list of possible values for the *IssuerSecurityIDTypeEnum* enumeration governing the *idType* attribute.

SecurityID

- Added the value *ExchangeTicker* to the list of possible values for the *IssuerSecurityIDTypeEnum* enumeration governing the *idType* attribute.

TradingExchange

- Added the new *ISO10383ExchangeType* simple type, which is a string of four upper-case alpha characters. The values are to be taken from the ISO 10383 Market Identifier Code found at the following web address – (<http://www.iso15022.org/MIC/homepageMIC.htm>).
- Added the optional attribute *tradingExchangeCode* to the *TradingExchange* element. The *tradingExchangeCode* attribute is of the new *ISO10383ExchangeType* simple type.

OrganizationID

- Modified the cardinality of the existing *OrganizationID* element from “one-to-many” to “zero-to-many” relative to its existing parent element *Organization*. This effectively makes the *OrganizationID* element optional. It is not required by all RIXML consumers, nor is it typically useful when RIXML is used internally by a publisher.

Issuer

- Added the value *Reiterate* to the list of possible values for the *WeightingActionEnum* enumeration governing the *weightingAction* attribute.
- Added the value *RatingRestored* to the list of possible values for the *RatingActionEnum* enumeration governing the *ratingAction* attribute.

Security

- Added the value *Reiterate* to the list of possible values for the *WeightingActionEnum* enumeration governing the *weightingAction* attribute.
- Added the value *Reiterate* to the list of possible values for the *TargetPriceEnum* enumeration governing the *targetPriceAction* attribute.
- Added the value *RatingRestored* to the list of possible values for the *RatingActionEnum* enumeration governing the *ratingAction* attribute.

AssetClass

- Added the value *Reiterate* to the list of possible values for the *WeightingActionEnum* enumeration governing the *weightingAction* attribute.

AssetType

- Added the value *Reiterate* to the list of possible values for the *WeightingActionEnum* enumeration governing the *weightingAction* attribute.

SecurityType

- Added the value *Reiterate* to the list of possible values for the *WeightingActionEnum* enumeration governing the *weightingAction* attribute.

Country

- Added the value *Reiterate* to the list of possible values for the *WeightingActionEnum* enumeration governing the *weightingAction* attribute.
- Added the value *RatingRestored* to the list of possible values for the *RatingActionEnum* enumeration governing the *ratingAction* attribute.

Region

- Added the value *Reiterate* to the list of possible values for the *WeightingActionEnum* enumeration governing the *weightingAction* attribute.
- Added the value *RatingRestored* to the list of possible values for the *RatingActionEnum* enumeration governing the *ratingAction* attribute.
- Added the value *Americas* to the list of possible values for the *RegionTypeEnum* enumeration governing the *regionType* attribute.
- Added the value *EMEA* to the list of possible values for the *RegionTypeEnum* enumeration governing the *regionType* attribute.
- Added the value *AsiaPacific* to the list of possible values for the *RegionTypeEnum* enumeration governing the *regionType* attribute.
- Added the value *Oceania* to the list of possible values for the *RegionTypeEnum* enumeration governing the *regionType* attribute.
- Added the value *Caribbean* to the list of possible values for the *RegionTypeEnum* enumeration governing the *regionType* attribute.

SectorIndustry

- Added the value *Reiterate* to the list of possible values for the *WeightingActionEnum* enumeration governing the *weightingAction* attribute.
- Added the value *RatingRestored* to the list of possible values for the *RatingActionEnum* enumeration governing the *ratingAction* attribute.
- Added the value *TRBC* to the list of possible values for the *SectorIndustryClassificationTypeEnum* enumeration governing the *classificationType* attribute.
- Added the value *FactSet* to the list of possible values for the *SectorIndustryClassificationTypeEnum* enumeration governing the *classificationType* attribute.

AudienceTypeEntitlement

- Added the new optional attribute *entitlementContext* to the existing *AudienceTypeEntitlement* element. Indicates the context in which the entitlement applies -- typically given as a mnemonic for an individual vendor platform. This facilitates the presently common usage of this element as a means of including vendor-specific entitlement codes in a RIXML instance document.

Person

- Added the new *PersonLabel* element as a sub-element of the existing *Person* element, with a cardinality of “zero-to-many”. This element can be used to include a label by which this person is known in a specific context. Useful for supplying author codes that have meaning on individual vendor platforms.

PersonLabel

- Added the new optional attribute *personLabelContext* to the new *PersonLabel* element. This attribute must be used to indicate the specific context for the person label. This would typically be a mnemonic for an individual vendor platform in which the labeled person has a presence. For example, it may be useful for identifying authors of research contributed to a particular vendor platform.

FinancialValue

- Added the optional attribute *estimateAction* to the existing *FinancialValue* element, governed by the existing *EstimateEnum* enumeration. If a particular financial value is an estimate, this *estimateAction* attribute can be used to indicate an action, such as reiterate or upgrade, that applies. Intended to provide support for the case where an author is including more than one estimate action in the same report. For example, reiterating his current fiscal year estimate and upgrading his next fiscal year estimate.

ProductDetails

- Modified the cardinality of the existing *periodicalIndicator* attribute from required to optional. This change is intended to provide a better solution to those for whom periodical information is unavailable. There have been cases reported of publishers inappropriately defaulting to either Yes or No for all published research, leading to dilution of the tag’s meaning. Making this attribute optional permits omission of the tag in the absence of an accurate value.

ProductClassifications

- Added the new sub-element *Currency* to the existing parent element *ProductClassifications* with cardinality “zero-to-many”. Some research products discuss financial values without mapping to any issuers or securities. Having currency as a possible product classification enables more accurate tagging in those cases. This element requires that a specific currency is indicated. For products discussing currencies in general, publishers should tag the asset class as currencies.

Currency

- Added the new required *currency* attribute to the new *Currency* element. Represented by the three letter alpha code defined by ISO 4217.

ProductFocus

- Modified the cardinality of the existing *ProductFocus* element from “one-to-many” to “zero-to-many” relative to its existing parent element *ProductDetails*. This effectively makes the *ProductFocus* element optional. This change is intended to provide a better solution to those for whom focus information is unavailable. There have been cases reported of publishers

inappropriately defaulting to a single value for all published research, leading to dilution of the tag's meaning. Making this element optional permits omission of the tag in the absence of an accurate value.

- Added the value *Unfocused* to the list of possible values for the *FocusEnum* enumeration governing the *focus* attribute. Intended to identify unfocused reports or reports not easily categorized by the other *FocusEnum* values, but still evaluated properly.

Index

- Modified the cardinality of the existing *name* attribute from required to optional. The *name* attribute and the corresponding existing element *PublisherDefinedValue* are DEPRECATED with this schema release. Using an enumerated index name has proven to be impractical due to the challenges associated with keeping the list of permitted values up to date. The new method for identifying indexes is by ID, such as CUSIP or SEDOL via the new *IndexID* element.
- Added the optional attribute *displayName* to the existing *Index* element.

IndexID

- Added the *IndexID* element as a sub-element of the existing *Index* element, with a cardinality of “zero-to-many”. This element replaces the now deprecated *name* attribute and corresponding *PublisherDefinedValue* element of the parent *Index* element.
- Added the required attribute *idType* to the new *IndexID* element. This attribute indicates the type of the symbol used to identify the index.
- Added the optional attribute *publisherDefinedValue* to the new *IndexID* element. This attribute indicates the type of the symbol used to identify the index when the value of the corresponding *idType* attribute is *PublisherDefined*.
- Added the required attribute *idValue* to the new *IndexID* element. This attribute contains the actual value of the identifier for the index.
- Added the value *ExchangeTicker* to the list of possible values for the *IssuerSecurityIDTypeEnum* enumeration governing the *idType* attribute.

Resource

- Added the new optional *Price* element as a sub-element of the existing *Resource* element, with a type of decimal. This will provide a way for publishers to indicate the price of a particular piece of content – i.e. a particular RIXML product.

Price

- Added the new required *currency* attribute to the new *Price* element. Represented by the three letter alpha code defined by ISO 4217.

Non-Structural Changes

This section itemizes the non-structural changes made between version 2.2 and version 2.3. They do not impact RIXML instance documents at all.

AssetTypeEnum

- Modified the definition of the existing enumeration *Stock* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Convertible* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *USTreasuries* in the existing *AssetTypeEnum* simpleType.

- Modified the definition of the existing enumeration *SovereignCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *AgencyCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *MoneyMarketCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CorporateInvestmentGradeCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CorporateHighYieldCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *MortgageBackedCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *MunicipalCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *AssetBackedCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *EmergingMarketsSovereign* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *EmergingMarketsCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *SupranationalCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CollateralizedDebtObligations* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Credit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *ProvincialRegionalCredit* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Loans* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *EuropeanCoveredBond* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Derivatives* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *FinancialFutures* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *EquityFunds* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *BondFunds* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *MoneyMarketFunds* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CountryFunds* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *BalancedFunds* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CurrencyCash* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CurrencyDerivatives* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CurrencyFutures* in the existing *AssetTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CommodityFunds* in the existing *AssetTypeEnum* simpleType.

SecurityTypeEnum

- Modified the definition of the existing enumeration *Bonds* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *DiscountNotesAndBills* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *FixedRateNotes* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *FloatingRateNotes* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *MediumTermNotes* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *CommercialPaper* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *BankerAcceptances* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Deposits* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *EuroBonds* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *EuroDenominatedNotes* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *InflationLinkedBonds* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Strips* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Repo* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *SamuraiNotes* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *YankeeNotes* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *ConvertiblePreferred* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *ConvertibleStructured* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Warrants* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Futures* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Swaps* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Options* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Swaptions* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *StructuredNotes* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *PrivatePlacements144A* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Common* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Preferred* in the existing *SecurityTypeEnum* simpleType.

- Modified the definition of the existing enumeration *ADRGDR* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *ClosedEndFund* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *OpenEndFund* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Gold* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Silver* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Steel* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Aluminum* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Platinum* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Copper* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Soybeans* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Wheat* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Corn* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Coffee* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Cocoa* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *OrangeJuice* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Cotton* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Sugar* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Livestock* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *JetFuel* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Gasoline* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Gas* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Crude* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Electricity* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *EuroDollars* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Currency* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *GermanPfandbrief* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *FrenchObligationsFoncières* in the existing *SecurityTypeEnum* simpleType.

- Modified the definition of the existing enumeration *SpanishCedulaHipotecaria* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *LuxembourgLettresDeGage* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *REITS* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *ETF* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *Genussescheine* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *ParticipationCertificates* in the existing *SecurityTypeEnum* simpleType.
- Modified the definition of the existing enumeration *BulldogBonds* in the existing *SecurityTypeEnum* simpleType.

SubjectEnum

- Modified the definition of the existing enumeration *AccountingAndTaxPolicy* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *EarningsReview* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *EarningsPreview* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *MorningCall* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *InitialPublicOfferings* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *ManagementChange* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *MergerAcquisitionDivestiture* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *FiscalPolicy* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *MonetaryPolicy* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *EconomicForecast* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *SecondaryPublicOfferings* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *Regulations* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *StockRepurchase* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *SurveyAnalysisAndResults* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *Politics* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *Event* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *AssetAllocation* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *GrowthInvestment* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *ValueInvestment* in the existing *SubjectEnum* simpleType.

- Modified the definition of the existing enumeration *DebtTender* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *BondRedemption* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *BuyAndHoldInvestment* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *TotalReturnInvestment* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *CreditAnalysis* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *ModelPortfolio* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *PortfolioStrategy* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *PrepaymentAnalysis* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *ProprietaryIndex* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *Recommendations* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *RelativeValue* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *SpreadAnalysis* in the existing *SubjectEnum* simpleType.
- Modified the definition of the existing enumeration *TradeIdea* in the existing *SubjectEnum* simpleType.

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