

# Values Substitutions Page

The following table defines changes across FIBO ontologies that utilize current value related types. In many cases these "undo" the arbitrary use of value classes or BFT and substitute xsd types. These substitutions and side-effects will be made using automation, CCM being the preferred tool. The automation will, of course, need to be tested.

Note: To evaluate impact, "Hits" defines and approximate number of references to a resource and the number of ontologies impacted. Where few ontologies are impacted they are noted in (like this).

Value Class or property	Change to	Hits*	Reason
fibonacci-utl-bt;isPercentageOf	fibonacci-utlx-val; hasValue  (not done first pass)	2/2	Choice: Or subproperty  CurrencyAmount & BFT
fibonacci-utl-bt;number	fibonacci-utlx-val; NumericValue  (not done first pass)	3/2	One use in ForeignExchange
fibonacci-utl-bt;Percentage	fibonacci-utlx-val; PercentageValue  (not done first pass)	6/2	(ControllesParties)
fibonacci-utl-bt;PercentageValue	fibonacci-utlx-val; PercentageValue  (not done first pass)	0	Depreciation of BFT
fibonacci-utl-bt;text	xsd:string  (not done first pass)	31/8	Depreciation of BFT
fibonacci-utl-bt;URI	xsd:anyURI  (not done first pass)	2/2	Depreciation of BFT  (VirtualPlaces)
fibonacci-utl-bt;wholeNumber	xsd:integer (not done first pass)	2/2	IRSwaps
fibonacci-utl-bt;yesOrNo	xsd:boolean  (not done first pass)	4/3	(Contracts, EconomicIndicators)
fibonacci-utlx-val;BasisPointsValue	No change	2/2	May not be in the best place  (DebtPricingYields.rdf)
fibonacci-utlx-val;DateTimeValue	fibonacci-dt-fd;DateTime	14/9	
fibonacci-utlx-val;DateValue	fibonacci-dt-fd;Date	6/4	
fibonacci-utlx-val;DayMonthValue	Move to fibonacci-dt-fd	18/5	

fibonacci-utlx-val;DecimalValue	xsd:decimal	37/23	No semantic leverage
fibonacci-utlx-val;hasValue	No change	0	
fibonacci-utlx-val;IntegerValue	xsd:integer	70/29	No semantic leverage
fibonacci-utlx-val;NegativeIntegerValue	delete	0	Not used
fibonacci-utlx-val;NonNegativeIntegerValue	xsd;nonNegativeInteger	1/1	(EquityForwards) No semantic leverage
fibonacci-utlx-val;NonNegativeNumber	delete	0	Not used
fibonacci-utlx-val;NumericRatioValue	delete	0	Not used
fibonacci-utlx-val;NumericValue	Delete	0	Not used
fibonacci-utlx-val;PercentageValue	No change	73/29	Choice: Percentage is s distinct semantics. Also, subclasses are augmented with other semantics, such as time value. Consider moving to another ontology. tbd - indicators/math?
fibonacci-utlx-val;PositiveIntegerValue	Delete	0	Not used
fibonacci-utlx-val;TemporalValue	Delete	0	Not used
fibonacci-utlx-val;TextValue	xsd:string	121 / 49	No semantic leverage
fibonacci-utlx-val;TimePointValue	Delete	0	Not used
fibonacci-utlx-val;TimeValue	Delete – fix Time.rdf (coordinate with Mike-b)	1/1	(Time)
fibonacci-utlx-val;TrueFalseValue	xsd:boolean	224 / 59	Depreciation of BFT
fibonacci-utlx-val;URIValue	xsd:anyURI	2/2	(Publications, CreditEvents)
fibonacci-utlx-val;Value	No change		Note: Abstract