Disclosure Analysis – Set 02

3M Company (Merrill) (PWC) (Other noncurrent assets)

http://www.sec.gov/Archives/edgar/data/66740/000155837017000479/0001558370-17-000479-index.htm

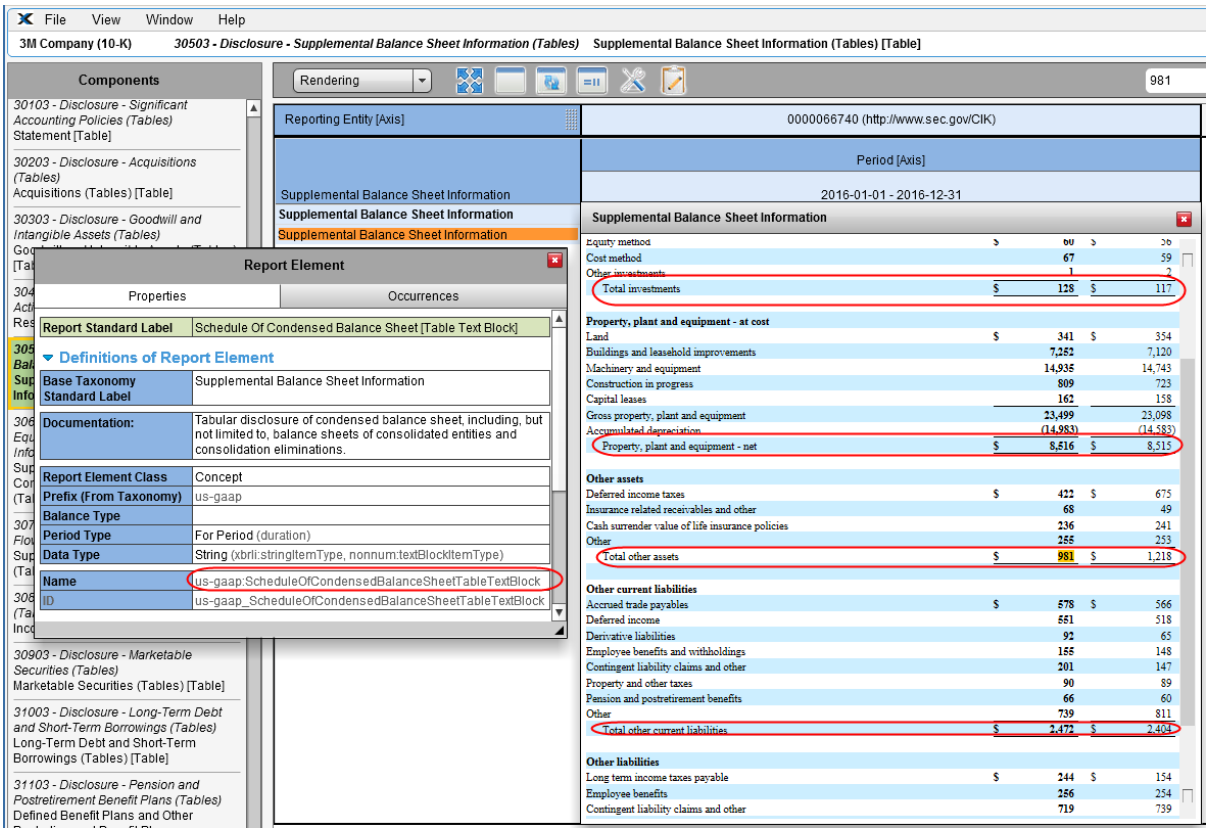
This is an error. This is certainly not in the spirit of providing LEVEL 3 DISCLOSURE TEXT BLOCKS and LEVEL 4 DISCLOSURE DETAIL sets. Pretty sure this is (or should be) an EFM error also. Or, another way to look at this is whether it is "data centric" or "presentation centric". What do you WANT it to be???

What is going on is this. One big Level 3 Disclosure Text Block was provided for what is really multiple sets of Level 4 Disclosure Detail roll ups. This is NOT ONE ROLL UP; if it were, sure, ONE text block would make a lot of sense. But what is going on here is that 5 ROLL UPS were packed into ONE Level 3 Disclosure Text Block.

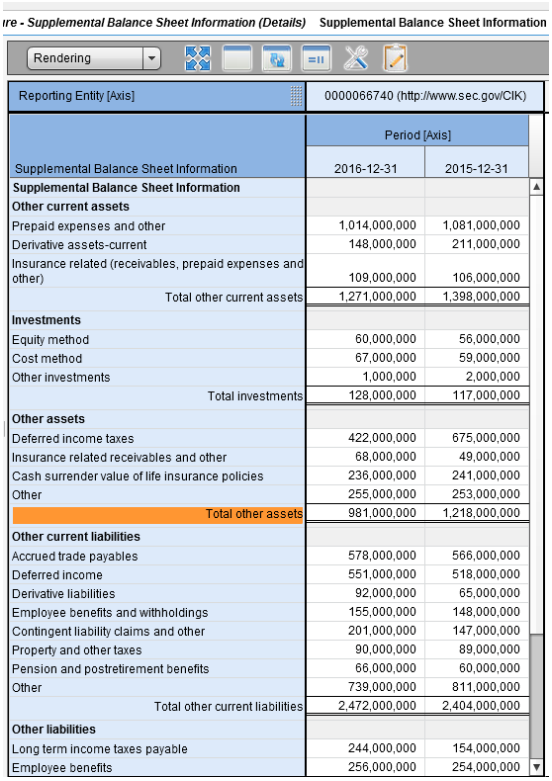
Here are 95 BEST PRACTICE examples where the Level 3 Disclosure Text Block and the Level 4 Disclosure Detail are both provided for other noncurrent assets:
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_113_Consistent.html

Here are 85 BEST PRACTICE examples with the same deal for other noncurrent liabilities:
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_940_Consistent.html

Level 3 Disclosure Text Block (should be separated into INDIVIDUAL roll up text blocks)



Level 4 Disclosure Detail (these are FINE)



3M Company (Merrill) (PWC) (Other noncurrent liabilities)

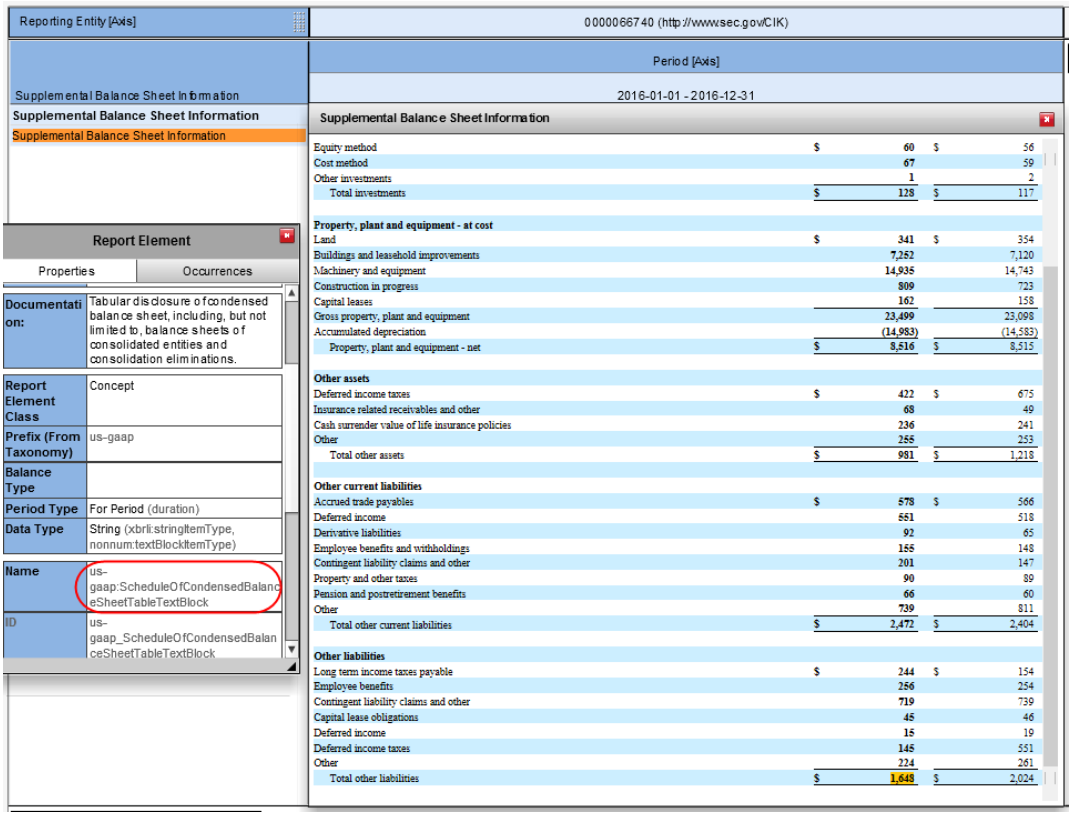
http://www.sec.gov/Archives/edgar/data/66740/000155837017000479/0001558370-17-000479-index.htm

This is an error. This is certainly not in the spirit of providing LEVEL 3 DISCLOSURE TEXT BLOCKS and LEVEL 4 DISCLOSURE DETAIL sets. Pretty sure this is (or should be) an EFM error also. Or, another way to look at this is whether it is "data centric" or "presentation centric". What do you WANT it to be???

What is going on is this. One big Level 3 Disclosure Text Block was provided for what is really multiple sets of Level 4 Disclosure Detail roll ups. This is NOT ONE ROLL UP; if it were, sure, ONE text block would make a lot of sense. But what is going on here is that 5 ROLL UPS were packed into ONE Level 3 Disclosure Text Block.

Here are 85 BEST PRACTICE example with the same deal for other noncurrent liabilities:
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_940_Consistent.html

Level 3 Disclosure Text Block (should be separated into INDIVIDUAL roll up text blocks)



Reporting Entity [Axis] | 0000066740 (http://www.sec.gov/CIK)

Period [Axis] | 2016-01-01 - 2016-12-31

Supplemental Balance Sheet Information

Supplemental Balance Sheet Information

Supplemental Balance Sheet Information

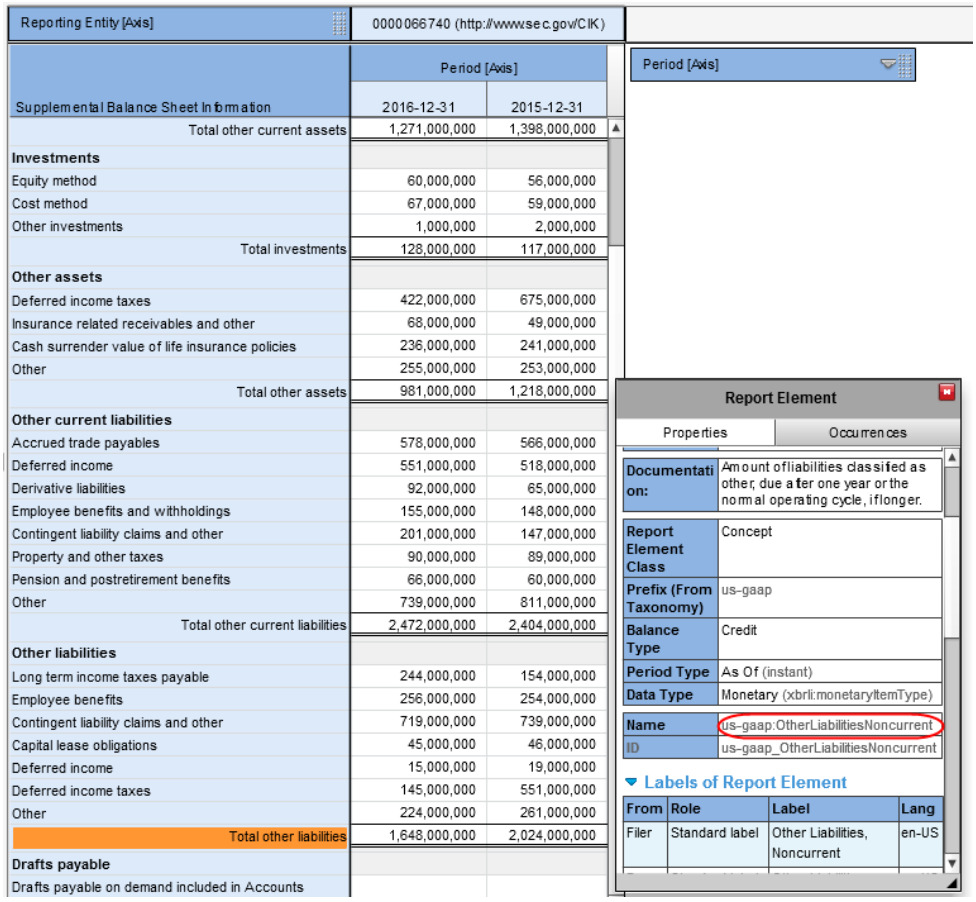
Report Element

Properties | Occurrences

Documentation:	Tabular disclosure of condensed balance sheet, including, but not limited to, balance sheets of consolidated entities and consolidation eliminations.
Report Element Class	Concept
Prefix (From Taxonomy)	us-gaap
Balance Type	
Period Type	For Period (duration)
Data Type	String (xbrli:stringItemType, nonnum:textBlockItemType)
Name	us-gaap:ScheduleOfCondensedBalanceSheetTableTextBlock
ID	us-gaap_ScheduleOfCondensedBalanceSheetTableTextBlock

Supplemental Balance Sheet Information		
Equity method	$ 60	$ 56
Cost method	67	59
Other investments	1	2
Total investments	$ 128	$ 117
Property, plant and equipment - at cost		
Land	$ 341	$ 354
Buildings and leasehold improvements	7,252	7,120
Machinery and equipment	14,935	14,743
Construction in progress	809	723
Capital leases	162	158
Gross property, plant and equipment	23,499	23,098
Accumulated depreciation	(14,983)	(14,583)
Property, plant and equipment - net	$ 8,516	$ 8,515
Other assets		
Deferred income taxes	$ 422	$ 675
Insurance related receivables and other	68	49
Cash surrender value of life insurance policies	236	241
Other	255	253
Total other assets	$ 981	$ 1,218
Other current liabilities		
Accrued trade payables	$ 578	$ 566
Deferred income	551	518
Derivative liabilities	92	65
Employee benefits and withholdings	155	148
Contingent liability claims and other	201	147
Property and other taxes	90	89
Pension and postretirement benefits	66	60
Other	739	811
Total other current liabilities	$ 2,472	$ 2,404
Other liabilities		
Long term income taxes payable	$ 244	$ 154
Employee benefits	256	254
Contingent liability claims and other	719	739
Capital lease obligations	45	46
Deferred income	15	19
Deferred income taxes	145	551
Other	224	261
Total other liabilities	$ 1,648	$ 2,024

The Level 4 Disclosure Detail representation is fine:



Reporting Entity [Axis]	0000066740 (http://www.sec.gov/CIK)	
Supplemental Balance Sheet Information	Period [Axis] 2016-12-31	2015-12-31
Total other current assets	1,271,000,000	1,398,000,000
Investments		
Equity method	60,000,000	56,000,000
Cost method	67,000,000	59,000,000
Other investments	1,000,000	2,000,000
Total investments	128,000,000	117,000,000
Other assets		
Deferred income taxes	422,000,000	675,000,000
Insurance related receivables and other	68,000,000	49,000,000
Cash surrender value of life insurance policies	236,000,000	241,000,000
Other	255,000,000	253,000,000
Total other assets	981,000,000	1,218,000,000
Other current liabilities		
Accrued trade payables	578,000,000	566,000,000
Deferred income	551,000,000	518,000,000
Derivative liabilities	92,000,000	65,000,000
Employee benefits and withholdings	155,000,000	148,000,000
Contingent liability claims and other	201,000,000	147,000,000
Property and other taxes	90,000,000	89,000,000
Pension and postretirement benefits	66,000,000	60,000,000
Other	739,000,000	811,000,000
Total other current liabilities	2,472,000,000	2,404,000,000
Other liabilities		
Long term income taxes payable	244,000,000	154,000,000
Employee benefits	256,000,000	254,000,000
Contingent liability claims and other	719,000,000	739,000,000
Capital lease obligations	45,000,000	46,000,000
Deferred income	15,000,000	19,000,000
Deferred income taxes	145,000,000	551,000,000
Other	224,000,000	261,000,000
Total other liabilities	1,648,000,000	2,024,000,000
Drafts payable		
Drafts payable on demand included in Accounts		

Period [Axis]

Report Element

Properties | Occurrences

Documentation:	Amount of liabilities classified as other, due after one year or the normal operating cycle, if longer.
Report Element Class	Concept
Prefix (From Taxonomy)	us-gaap
Balance Type	Credit
Period Type	As Of (instant)
Data Type	Monetary (xbrli:monetaryItemType)
Name	us-gaap:OtherLiabilitiesNoncurrent
ID	us-gaap_OtherLiabilitiesNoncurrent

Labels of Report Element

From	Role	Label	Lang
Filer	Standard label	Other Liabilities, Noncurrent	en-US

AMERICAN EXPRESS CO (Certent) (PWC) (Assumptions used to evaluate stock options)

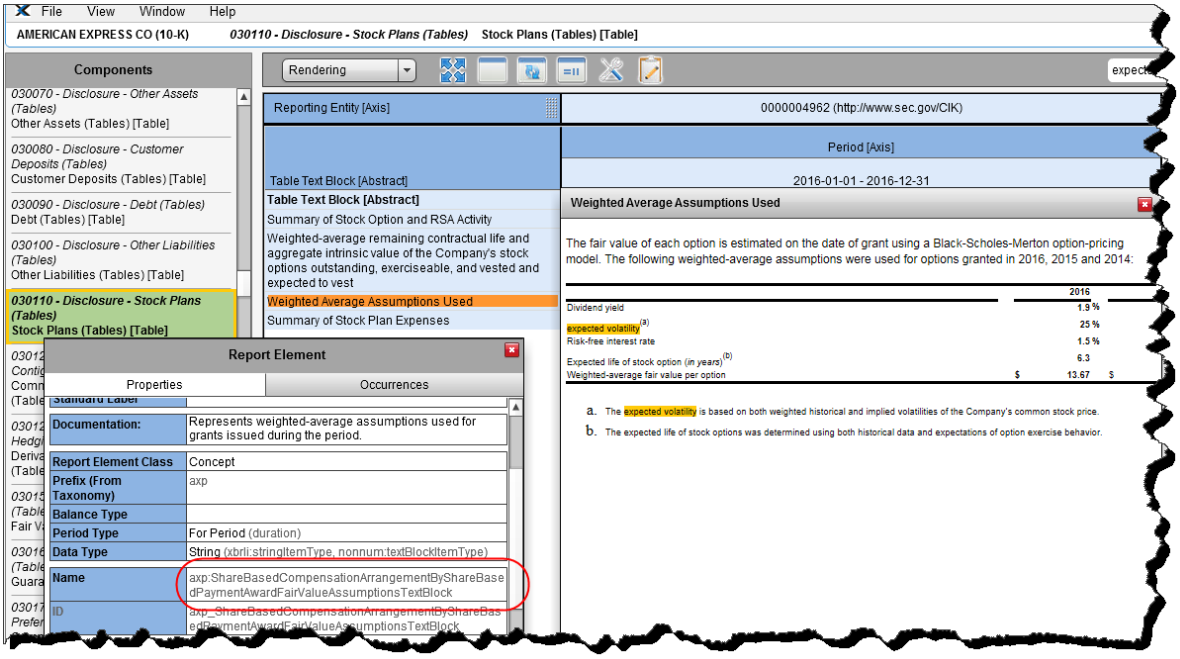
http://www.sec.gov/Archives/edgar/data/4962/000119312517047588/0001193125-17-047588-index.htm

Here are 85 BEST PRACTICE examples of disclosures for the assumptions used for evaluating options:

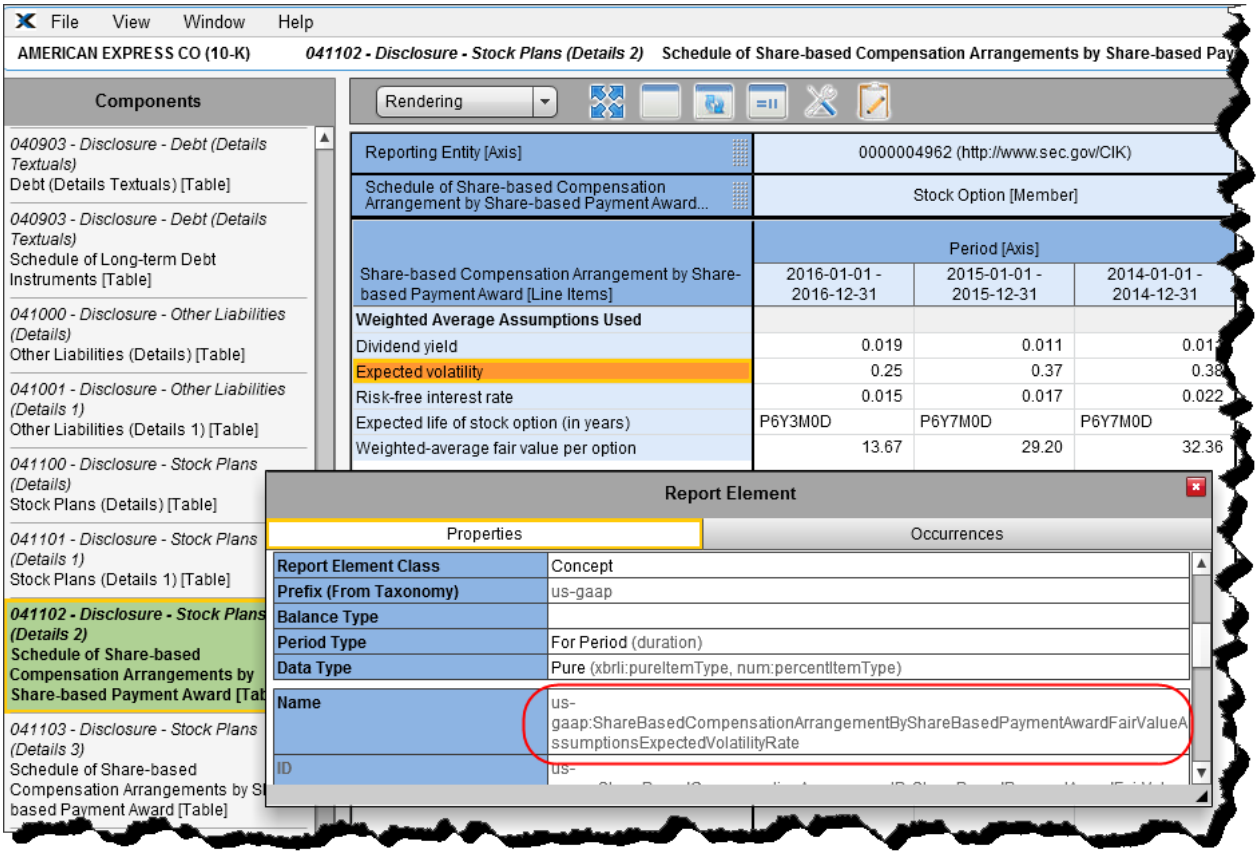
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_314_Consistent.html

Each of those 85 uses the Level 3 Disclosure Text Block concept "us-gaap:ScheduleOfShareBasedPaymentAwardStockOptionsValuationAssumptionsTableTextBlock" to disclose a matching set of Level 4 Disclosure Detail concepts.

As such, it seems rather hard to justify the use of an extension concept, such as this extension created by American Express:



Level 4 Disclosure Detail:


File
View
Window
Help
AMERICAN EXPRESS CO (10-K)
041102 - Disclosure - Stock Plans (Details 2)
Schedule of Share-based Compensation Arrangements by Share-based Pay
Components
040903 - Disclosure - Debt (Details Textuals)
Debt (Details Textuals) [Table]
040903 - Disclosure - Debt (Details Textuals)
Schedule of Long-term Debt Instruments [Table]
041000 - Disclosure - Other Liabilities (Details)
Other Liabilities (Details) [Table]
041001 - Disclosure - Other Liabilities (Details 1)
Other Liabilities (Details 1) [Table]
041100 - Disclosure - Stock Plans (Details)
Stock Plans (Details) [Table]
041101 - Disclosure - Stock Plans (Details 1)
Stock Plans (Details 1) [Table]
041102 - Disclosure - Stock Plans (Details 2)
Schedule of Share-based Compensation Arrangements by Share-based Payment Award [Tab
041103 - Disclosure - Stock Plans (Details 3)
Schedule of Share-based Compensation Arrangements by St
based Payment Award [Table]
Rendering
Reporting Entity [Axis]
0000004962 (http://www.sec.gov/CIK)
Schedule of Share-based Compensation Arrangement by Share-based Payment Award...
Stock Option [Member]
Period [Axis]
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]
2016-01-01 - 2016-12-31
2015-01-01 - 2015-12-31
2014-01-01 - 2014-12-31
Weighted Average Assumptions Used
Dividend yield 0.019 0.011 0.01
Expected volatility 0.25 0.37 0.38
Risk-free interest rate 0.015 0.017 0.022
Expected life of stock option (in years) P6Y3M0D P6Y7M0D P6Y7M0D
Weighted-average fair value per option 13.67 29.20 32.36
Report Element
Properties
Occurrences
Report Element Class Concept
Prefix (From Taxonomy) us-gaap
Balance Type
Period Type For Period (duration)
Data Type Pure (xbrli:pureItemType, num:percentItemType)
Name us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedVolatilityRate
ID us-

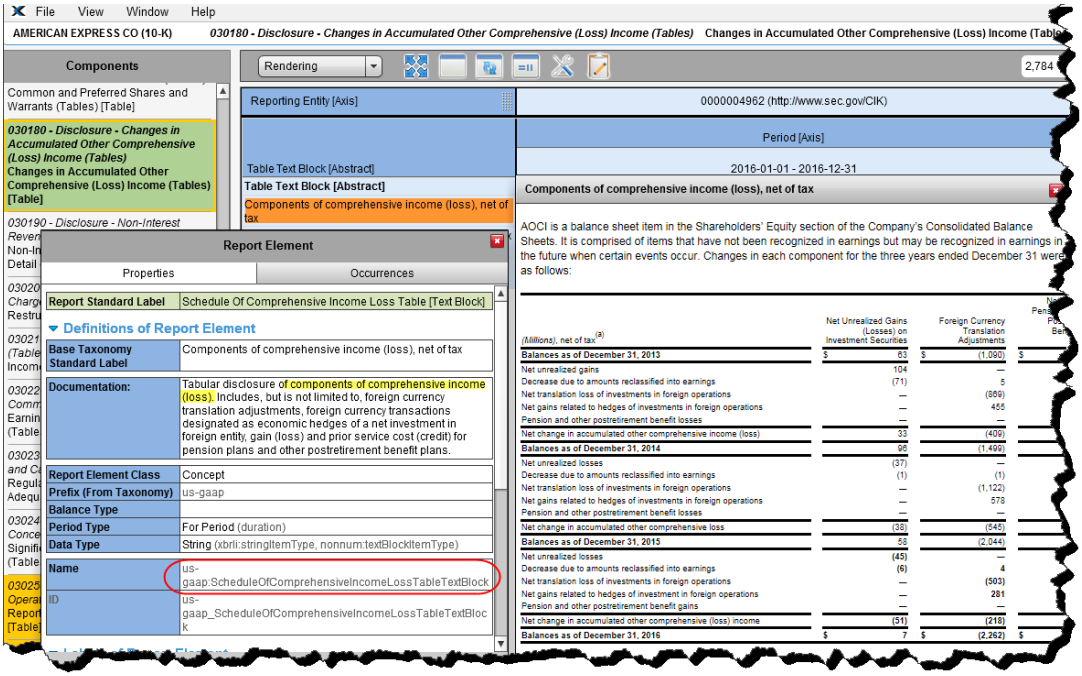
AMERICAN EXPRESS CO (Certent) (PWC) (Accumulated Other Comprehensive Income Roll Forward)

http://www.sec.gov/Archives/edgar/data/4962/000119312517047588/0001193125-17-047588-index.htm

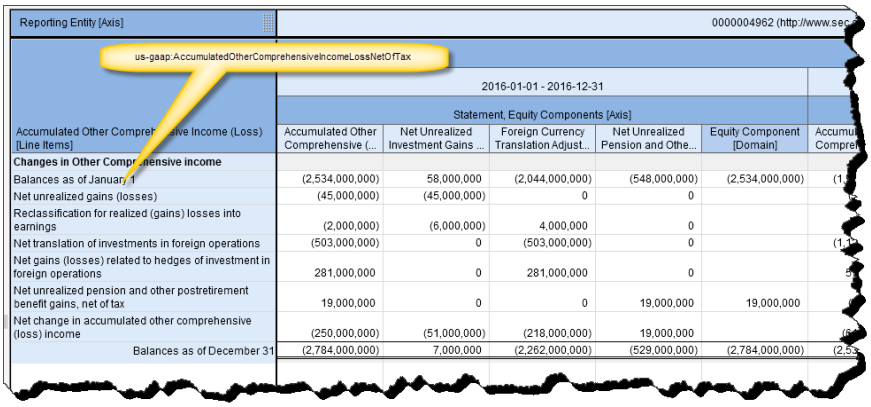
These 106 BEST PRACTICES examples use the Level 3 Disclosure Text Block "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock" and the related Level 4 Disclosure Detail concept "us-gaap:AccumulatedOtherComprehensiveIncomeLossNetOfTax" to represent this disclosure:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_225_Consistent.html

American Express is using the comprehensive income components text block, which is incorrect.



Level 4 Disclosure Detail: (very nice)



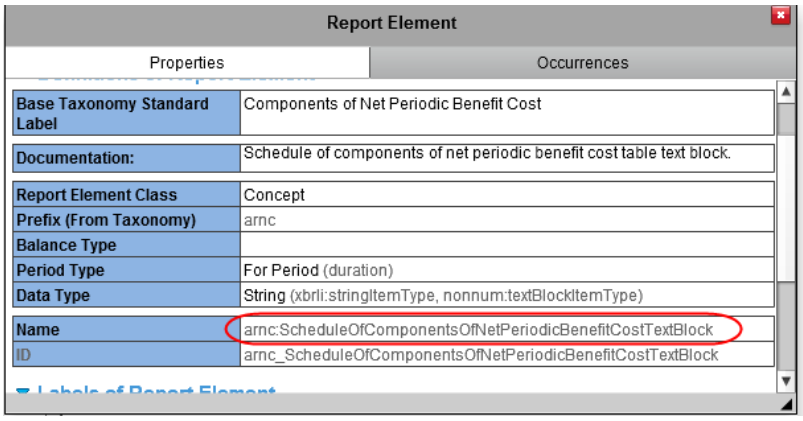
Arconic Inc. (RR Donnelley) (KPMG)

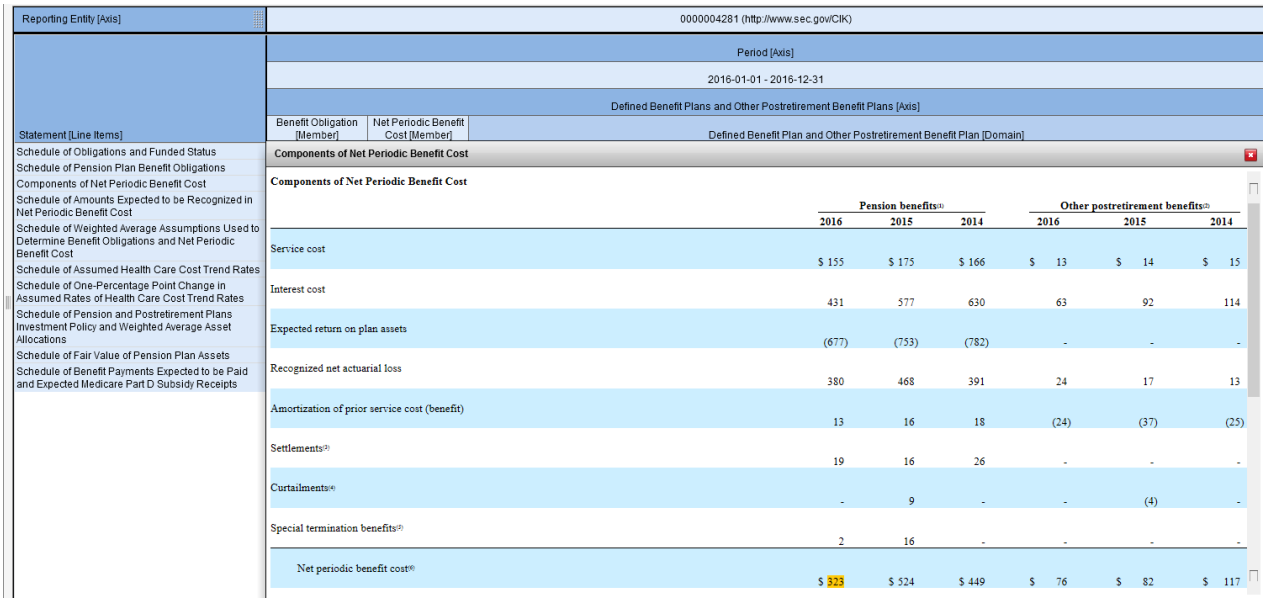
http://www.sec.gov/Archives/edgar/data/4281/000119312517062657/0001193125-17-062657-index.htm

These 78 BEST PRACTICE examples use the Level 3 Disclosure Text Block concept "us-gaap:ScheduleOfNetBenefitCostsTableTextBlock" to represent here what you created an extension for:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_285_Consistent.html

As such, this is an error:



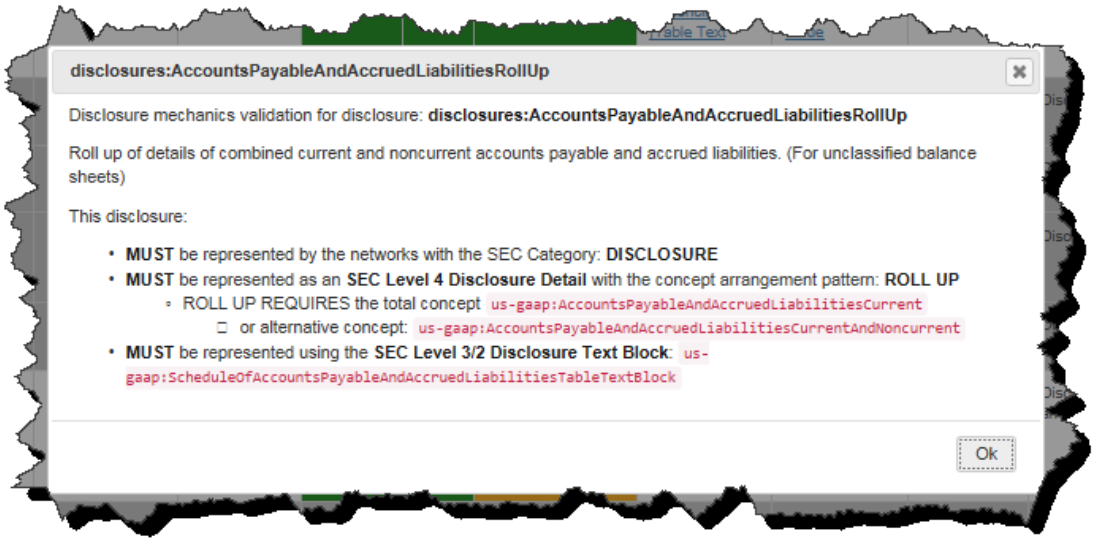


AT&T Inc. (Certent) (EY)

http://www.sec.gov/Archives/edgar/data/732717/000073271717000021/0000732717-17-000021-index.htm

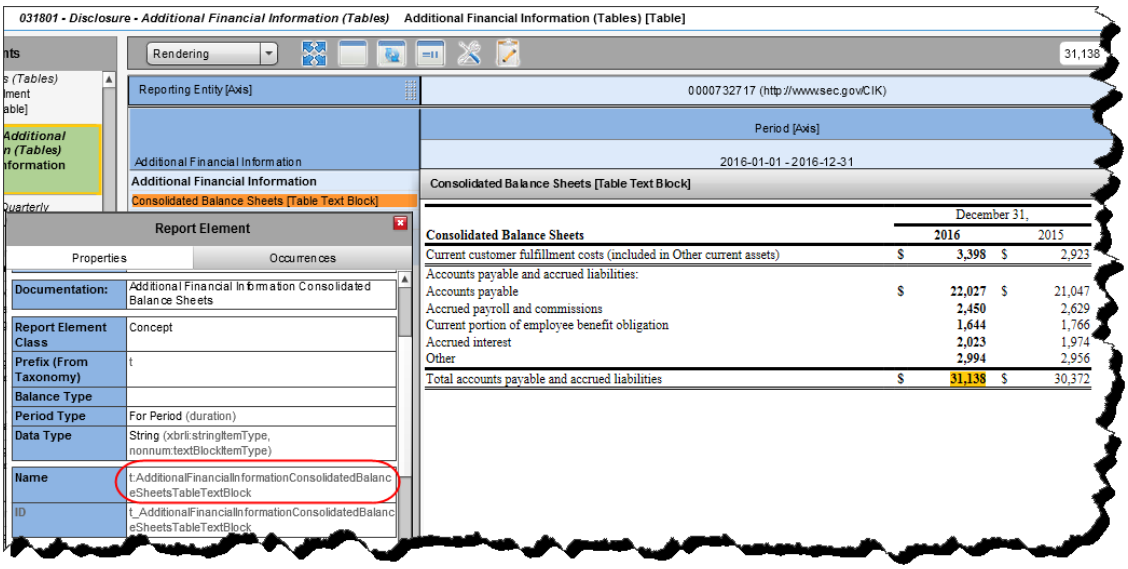
Here are 39 BEST PRACTICE examples where one of these matching Level 3 Disclosure Text Blocks and Level 4 Disclosure Detail concepts were used to represent accounts payable and accrued liabilities:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_543_Consistent.html

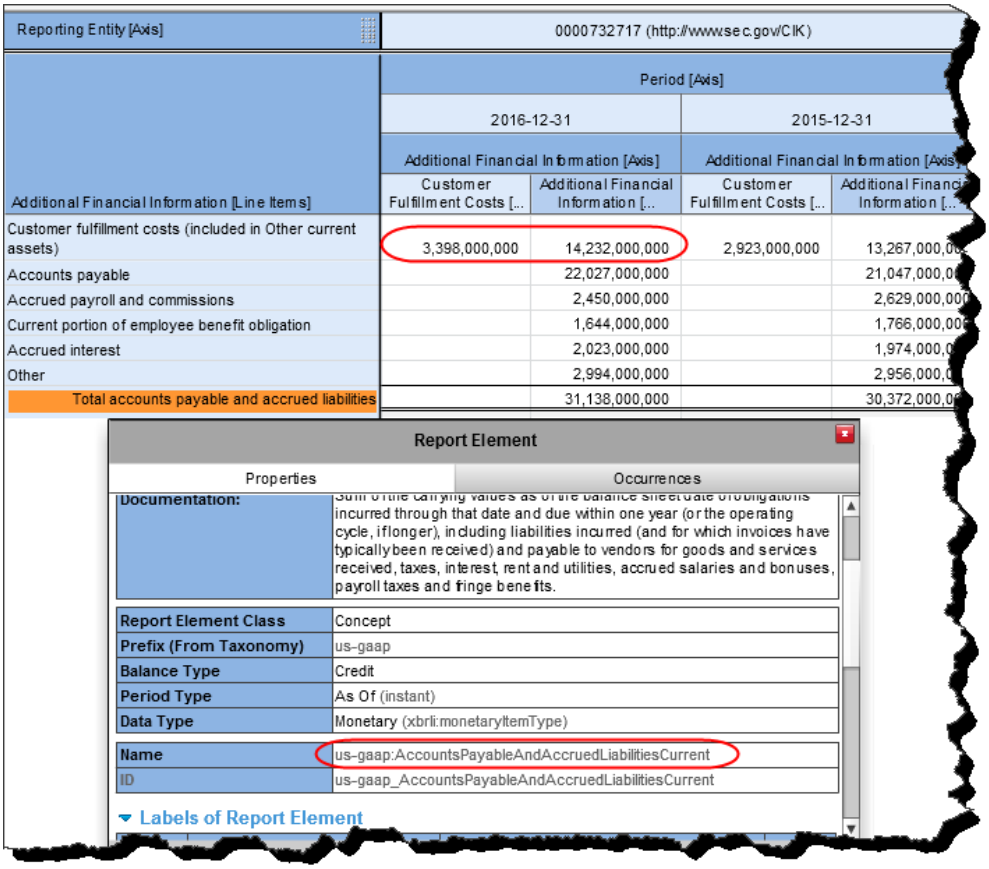


Yet, AT&T created an extension concept to represent this same information. That is an error:

Level 3 Disclosure Text Block:



Level 4 Disclosure Detail: (inappropriate use of dimensions but the accounts payable and accrued expenses concept is correct)



Reporting Entity [Axis]	0000732717 (http://www.sec.gov/CIK)			
	Period [Axis]			
	2016-12-31		2015-12-31	
	Additional Financial Information [Axis]		Additional Financial Information [Axis]	
Additional Financial Information [Line Items]	Customer Fulfillment Costs [...	Additional Financial Information [...	Customer Fulfillment Costs [...	Additional Financial Information [...
Customer fulfillment costs (included in Other current assets)	3,398,000,000	14,232,000,000	2,923,000,000	13,267,000,00
Accounts payable		22,027,000,000		21,047,000,00
Accrued payroll and commissions		2,450,000,000		2,629,000,000
Current portion of employee benefit obligation		1,644,000,000		1,766,000,00
Accrued interest		2,023,000,000		1,974,000,0
Other		2,994,000,000		2,956,000,0
Total accounts payable and accrued liabilities		31,138,000,000		30,372,000,00

Report Element

Properties | Occurrences

Documentation:	...sum of the carrying values as of the balance sheet date of obligations incurred through that date and due within one year (or the operating cycle, if longer), including liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received, taxes, interest, rent and utilities, accrued salaries and bonuses, payroll taxes and fringe benefits.
Report Element Class	Concept
Prefix (From Taxonomy)	us-gaap
Balance Type	Credit
Period Type	As Of (instant)
Data Type	Monetary (xbrli:monetaryItemType)
Name	us-gaap:AccountsPayableAndAccruedLiabilitiesCurrent
ID	us-gaap_AccountsPayableAndAccruedLiabilitiesCurrent

Labels of Report Element

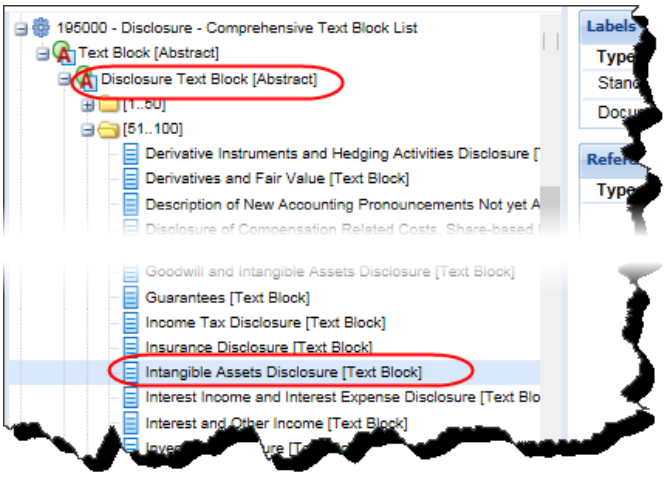
AT&T Inc. (Certent) (EY) (Finite lived intangible assets)

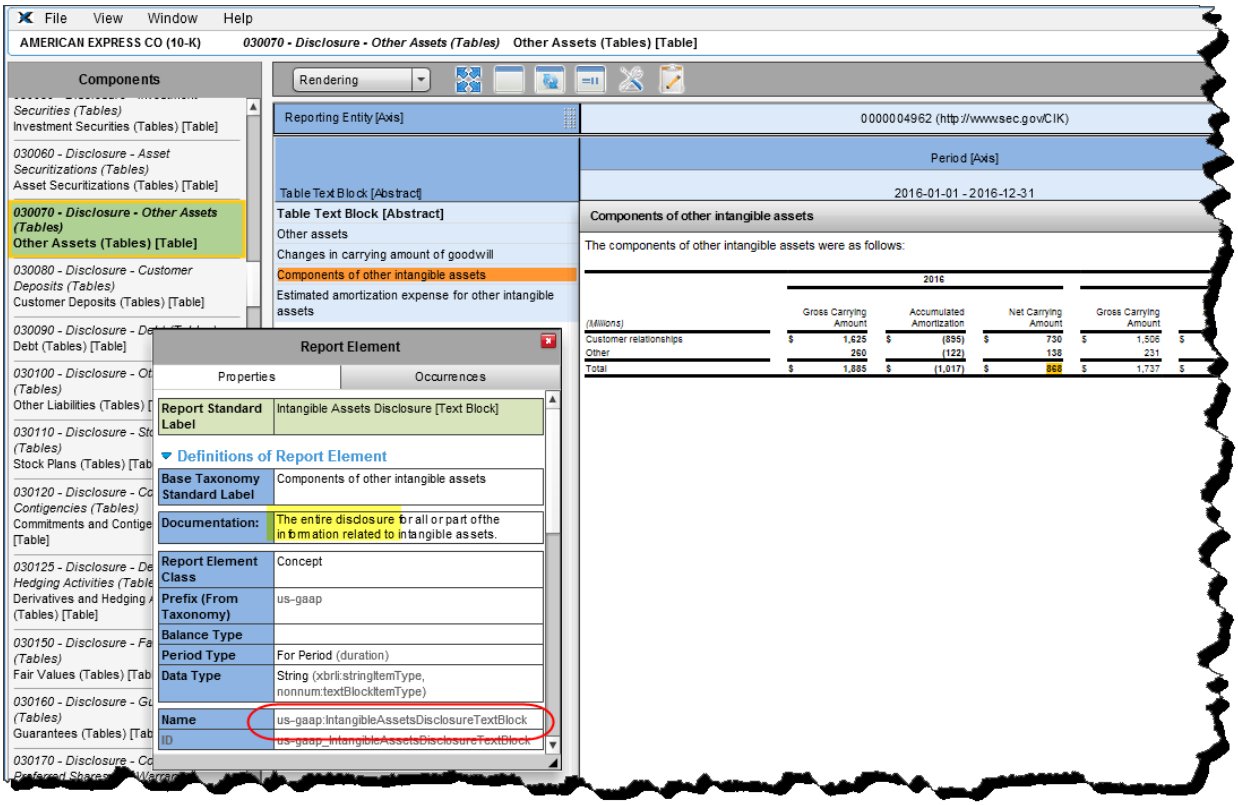
http://www.sec.gov/Archives/edgar/data/732717/000073271717000021/0000732717-17-000021-index.htm

Here are 53 best practice examples of how others represent this disclosure:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_539_Consistent.html

AT&T is inappropriately using a Level 1 Note Text Block to represent a Level 3 Disclosure Text Block:





BOEING CO (Workiva) (Deloitte)(Assumptions used to evaluate stock options)

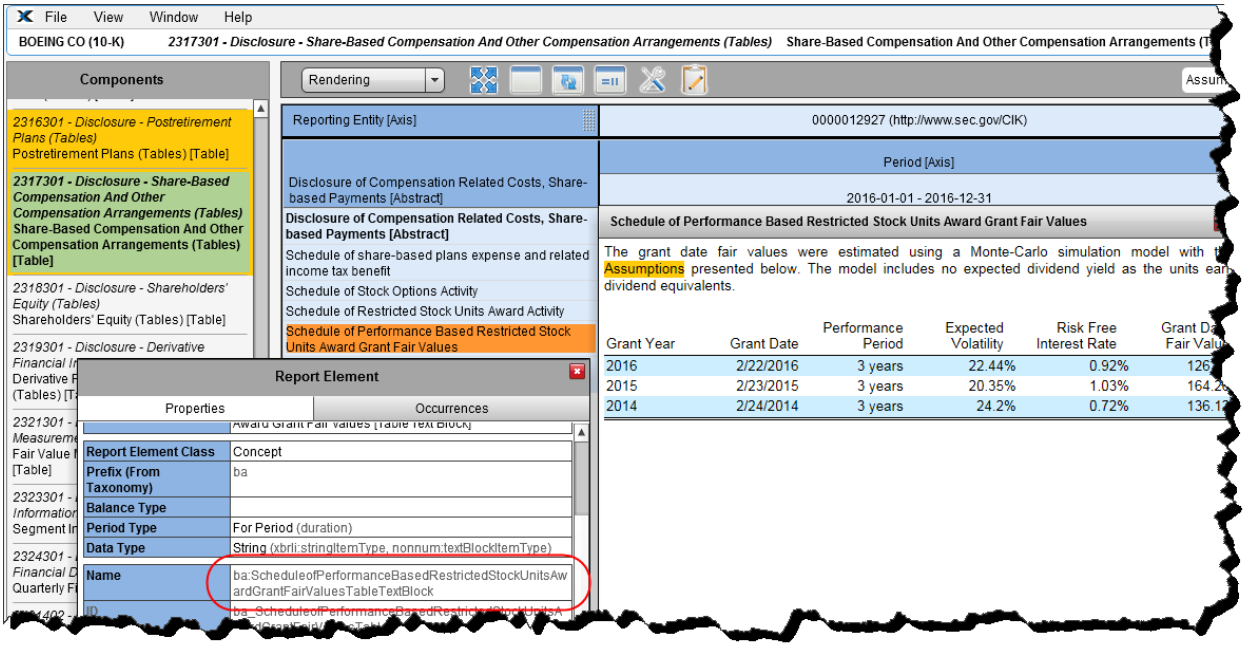
http://www.sec.gov/Archives/edgar/data/12927/000001292717000006/0000012927-17-000006-index.htm

Here are 85 BEST PRACTICE examples of disclosures for the assumptions used for evaluating options:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_314_Consistent.html

Each of those 85 uses the Level 3 Disclosure Text Block concept "us-gaap:ScheduleOfShareBasedPaymentAwardStockOptionsValuationAssumptionsTableTextBlock" to disclose a matching set of Level 4 Disclosure Detail concepts.

As such, it seems rather hard to justify the use of an extension concept, such as this extension created by Boeing:



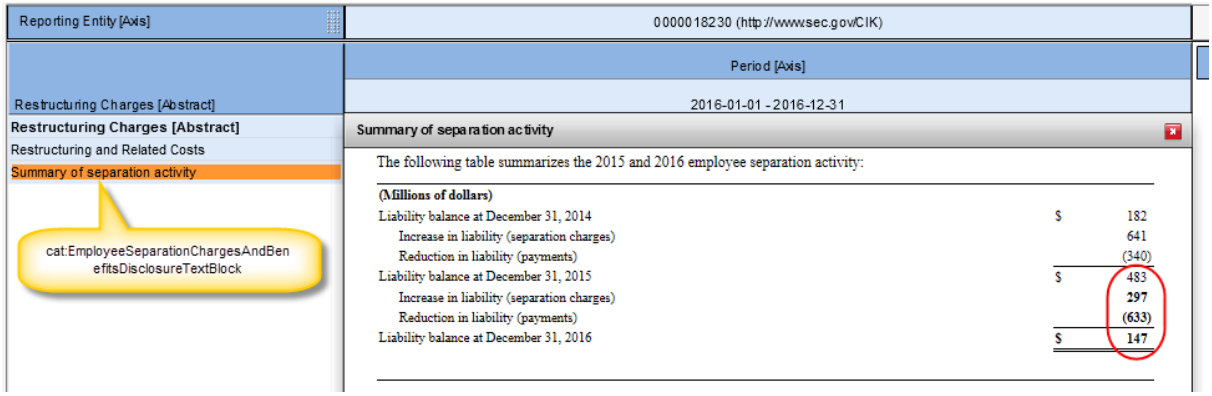
CATERPILLAR INC (Workiva) (PWC)

http://www.sec.gov/Archives/edgar/data/18230/000001823017000041/0000018230-17-000041-index.htm

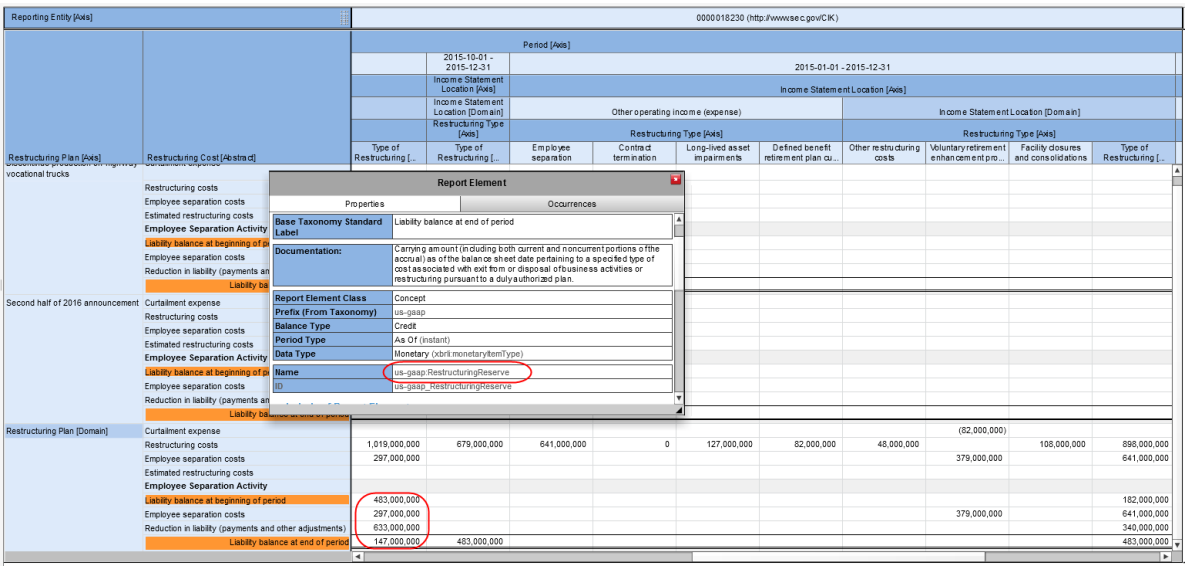
There are two errors here. First, Caterpillar created an extension concept for the Level 3 Disclosure Text Block which is used to represent the roll forward of the restructuring reserve. The following 68 companies use BEST PRACTICES to represent this disclosure and the concept "us-gaap:ScheduleOfRestructuringReserveByTypeOfCostTextBlock" is used for the Level 3 Disclosure Text Block and the concept "us-gaap:RestructuringReserve" is used to represent the Level 4 Disclosure Detail.

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_157_Consistent.html

Level 3 Disclosure Text Block: (note that "employee separation charges and benefits" is a TYPE OF restructuring charge.



A second error is representing multiple disclosures that do not go together in ONE Network/Table. Again, note the BEST PRACTICES shown above that is easy to read, whereas this below is incomprehensible:



CHEVRON CORP (Workiva) (PWC)

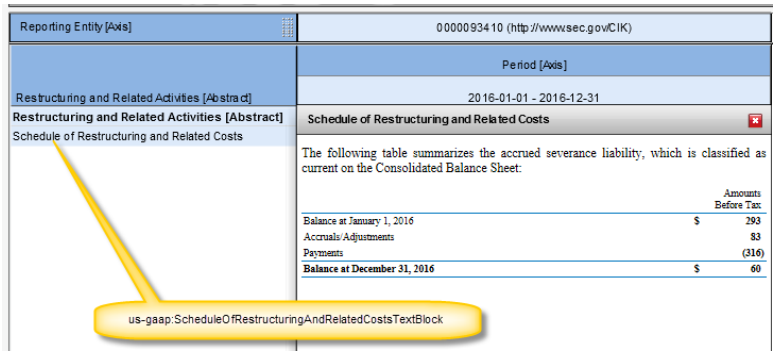
http://www.sec.gov/Archives/edgar/data/93410/000009341017000013/0000093410-17-000013-index.htm

This is an error. Chevron used the Level 3 Disclosure Text Block concept "us-gaap:ScheduleOfRestructuringAndRelatedCostsTextBlock" to represent the restructuring **RESERVE**. That concept has the documentation "Tabular disclosure of **costs incurred for restructuring** including, but not limited to, exit and disposal activities, remediation, implementation, integration, asset impairment, and charges against earnings from the write-down of assets.

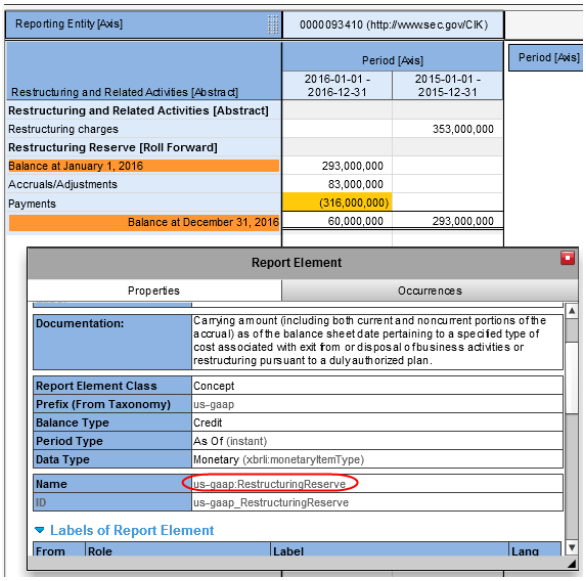
If you look at these 68 BEST PRACTIVE examples, they all use the concept "us-gaap:ScheduleOfRestructuringReserveByTypeOfCostTextBlock" which is the CORRECT concept for that disclosure:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_157_Consistent.html

Level 3 Disclosure Text Block:



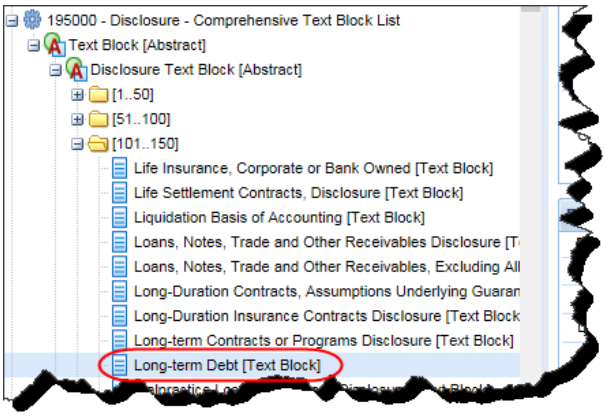
Level 4 Disclosure Detail: (Note how easy it is to read the disclosure):

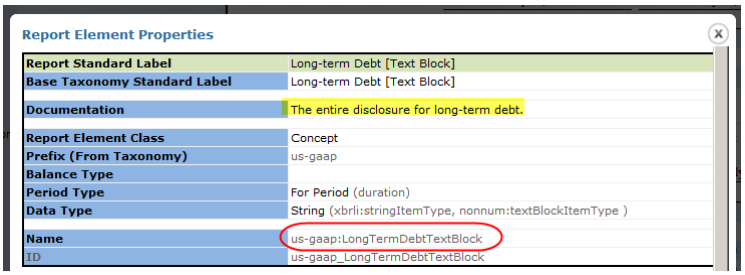


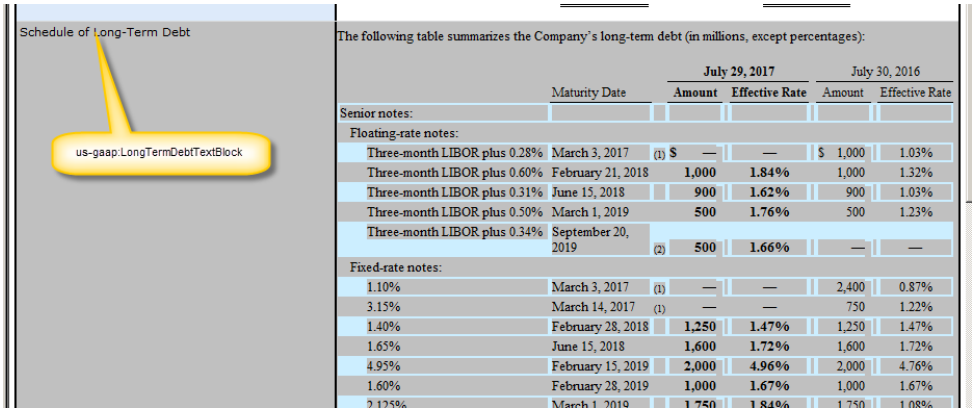
CISCO SYSTEMS, INC. (Workiva) (PWC) (Long term debt instruments)

http://www.sec.gov/Archives/edgar/data/858877/000085887717000016/0000858877-17-000016-index.htm

This is an error. If you look at the US GAAP XBRL Taxonomy, you can clearly see that the concept that UTC used to represent a Level 3 Disclosure Text Block is MEANT to be used to represent the "entire disclosure", the Level 1 Note Text Block.







CISCO SYSTEMS, INC. (Workiva) (PWC)

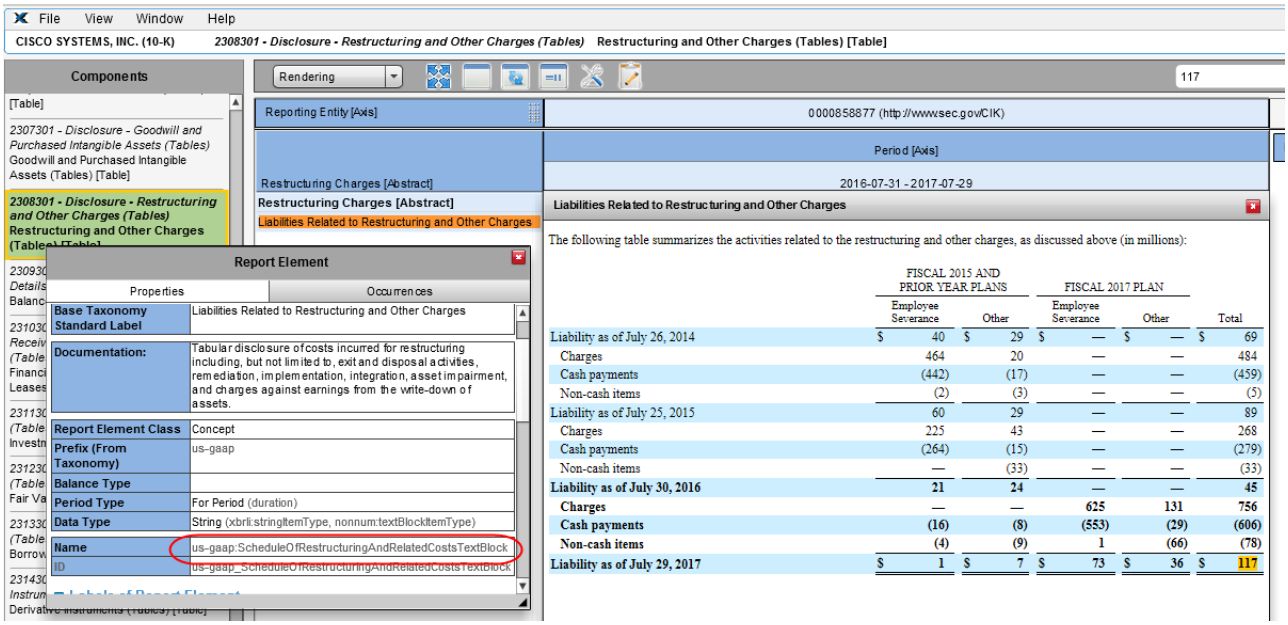
http://www.sec.gov/Archives/edgar/data/858877/000085887717000016/0000858877-17-000016-index.htm

This is an error. Cisco used the Level 3 Disclosure Text Block concept "us-gaap:ScheduleOfRestructuringAndRelatedCostsTextBlock" to represent the restructuring **RESERVE**. That concept has the documentation "Tabular disclosure of **costs incurred for restructuring** including, but not limited to, exit and disposal activities, remediation, implementation, integration, asset impairment, and charges against earnings from the write-down of assets.

If you look at these 68 BEST PRACTIVE examples, they all use the concept "**us-gaap:ScheduleOfRestructuringReserveByTypeOfCostTextBlock**" which is the **CORRECT concept for that disclosure**:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_157_Consistent.html

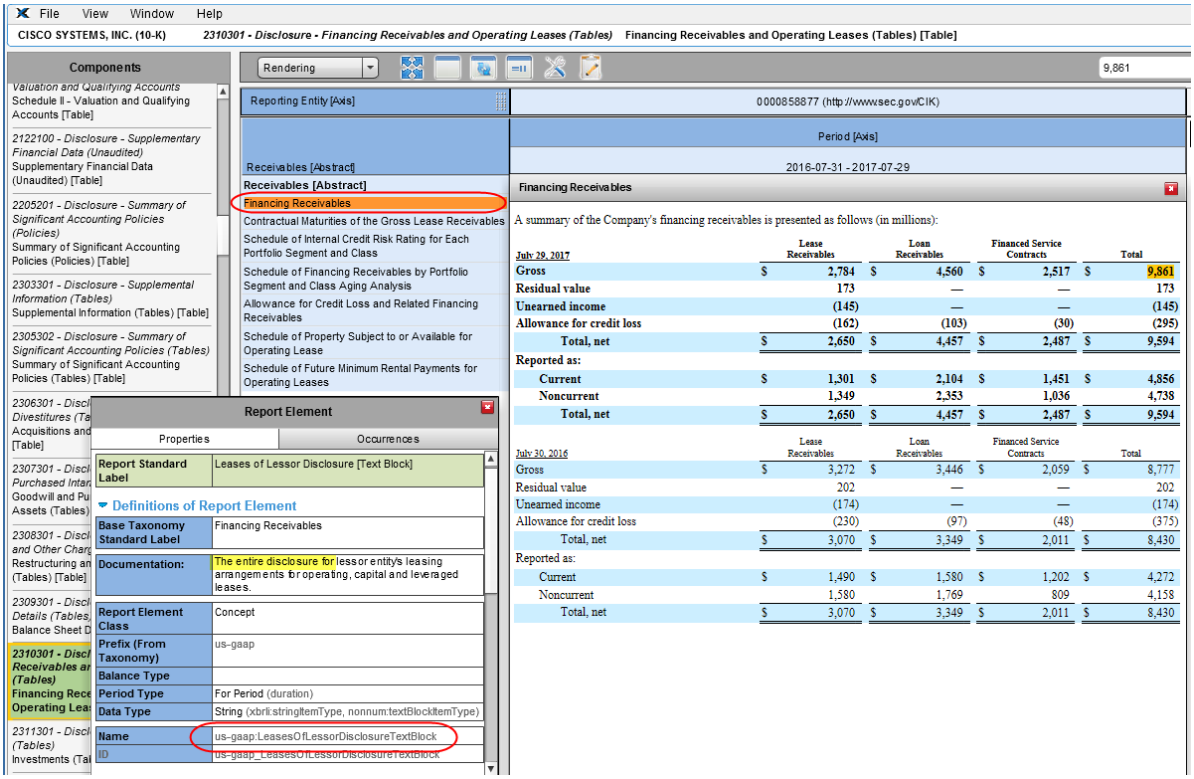
Level 3 Disclosure Text Block:



CISCO SYSTEMS, INC. (Workiva) (PWC)

http://www.sec.gov/Archives/edgar/data/858877/000085887717000016/0000858877-17-000016-index.htm

This is an error. A Level 1 Note Text Block is being used to represent a Level 3 Disclosure Text Bock:



July 29, 2017	Lease Receivables	Loan Receivables	Financed Service Contracts	Total
Gross	$ 2,784	$ 4,560	$ 2,517	$ 9,861
Residual value	173	—	—	173
Unearned income	(145)	—	—	(145)
Allowance for credit loss	(162)	(103)	(30)	(295)
Total, net	$ 2,650	$ 4,457	$ 2,487	$ 9,594
Reported as:				
Current	$ 1,301	$ 2,104	$ 1,451	$ 4,856
Noncurrent	1,349	2,353	1,036	4,738
Total, net	$ 2,650	$ 4,457	$ 2,487	$ 9,594

July 30, 2016	Lease Receivables	Loan Receivables	Financed Service Contracts	Total
Gross	$ 3,272	$ 3,446	$ 2,059	$ 8,777
Residual value	202	—	—	202
Unearned income	(174)	—	—	(174)
Allowance for credit loss	(230)	(97)	(48)	(375)
Total, net	$ 3,070	$ 3,349	$ 2,011	$ 8,430
Reported as:				
Current	$ 1,490	$ 1,580	$ 1,202	$ 4,272
Noncurrent	1,580	1,769	809	4,158
Total, net	$ 3,070	$ 3,349	$ 2,011	$ 8,430

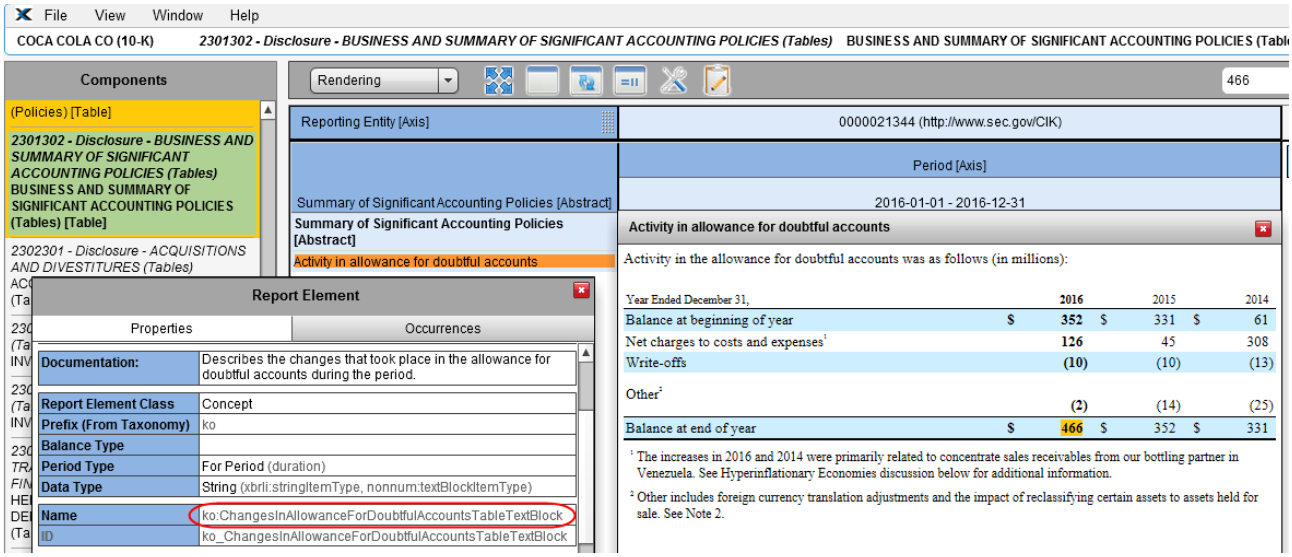
COCA COLA CO (Workiva) (EY)

http://www.sec.gov/Archives/edgar/data/21344/000002134417000009/0000021344-17-000009-index.htm

To report a very common roll forward of the activity in the allowance for doubtful accounts, Coca-Cola created an extension concept. Yet, there are existing US GAAP XBRL Taxonomy concept that would certainly be usable to report this information:

us-gaap:AllowanceForCreditLossesOnFinancingReceivablesTableTextBlock

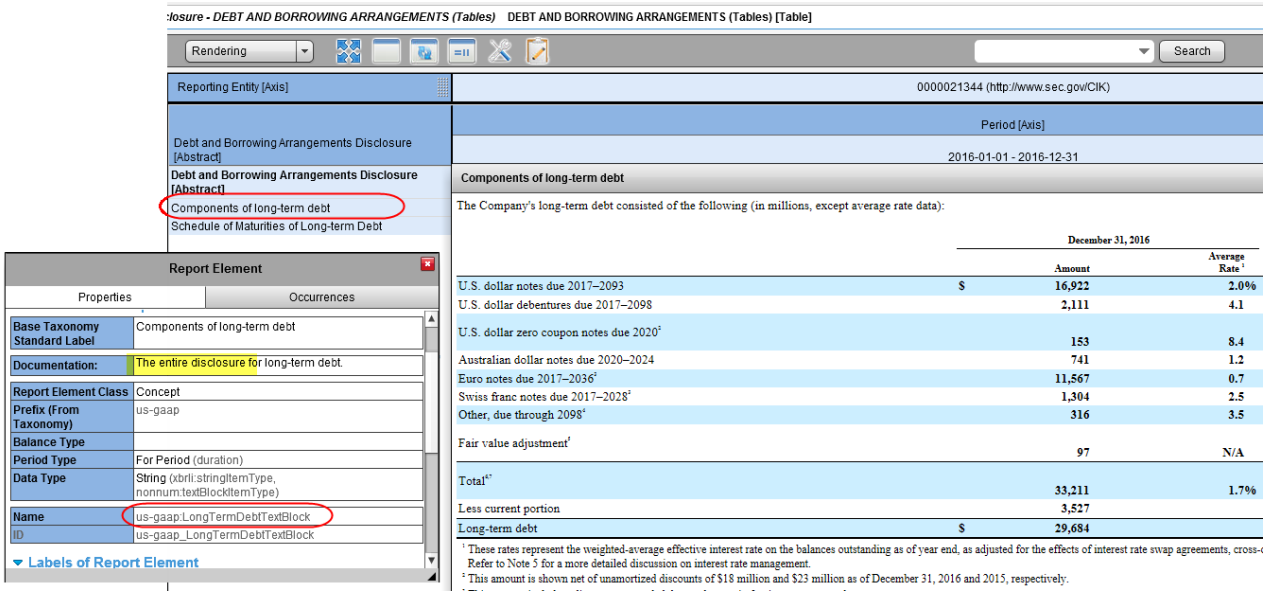
us-gaap:ScheduleOfCreditLossesForFinancingReceivablesCurrentTableTextBlock



COCA COLA CO (Workiva) (EY) (Long term debt instruments)

http://www.sec.gov/Archives/edgar/data/21344/000002134417000009/0000021344-17-000009-index.htm

This is an error. If you look at the US GAAP XBRL Taxonomy, you can clearly see that the concept that UTC used to represent a Level 3 Disclosure Text Block is MEANT to be used to represent the "entire disclosure", the Level 1 Note Text Block.



DUPONT E I DE NEMOURS & CO (Workiva) (PWC) (Interest income roll up)

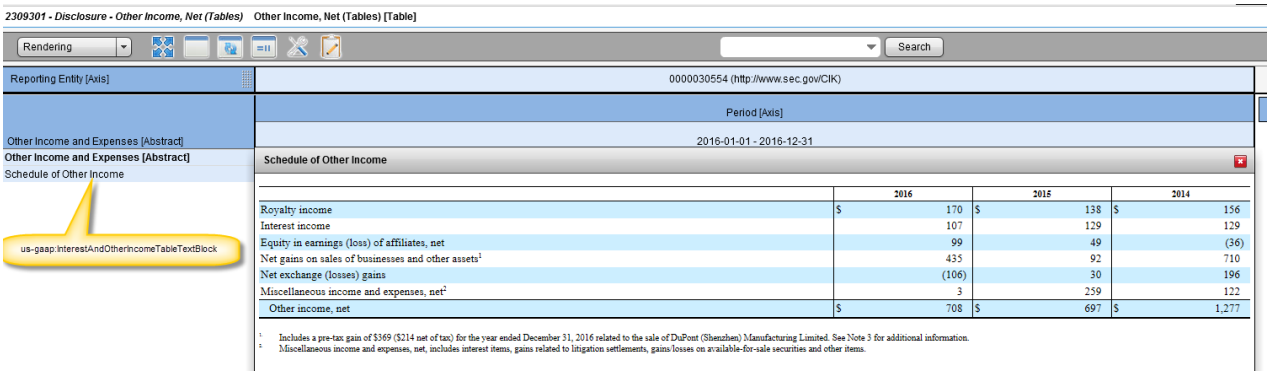
http://www.sec.gov/Archives/edgar/data/30554/000003055417000004/0000030554-17-000004-index.htm

Here are three BEST PRACTICE examples of where the Level 3 Disclosure Text Block "us-gaap:InterestAndOtherIncomeTableTextBlock" was matched with the Level 4 Disclosure Detail concept "us-gaap:InterestAndOtherIncome" in a ROLL UP:

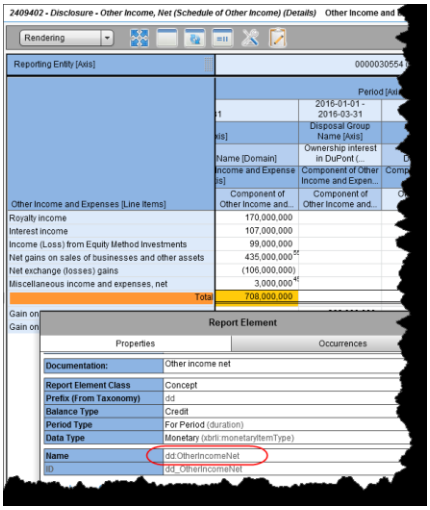
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_630_Consistent.html

And so what Dupont did was use that SAME Level 3 Disclosure Text Block (i.e. they are disclosing the SAME THING as the examples above); HOWEVER, they created an EXTENSION concept rather than using the existing US GAAP XBRL Taxonomy concept. This is illogical. If the Level 3 Disclosure Concept is correct and the SAME THING as the BEST PRACTICE examples; then the Level 4 Disclosure Detail concept should be the SAME. (i.e. NOT an extension, as DUPONT reported that line item)

Level 3 Disclosure Text Block:



Level 4 Disclosure Detail (uses EXTENSION concept):



DUPONT E I DE NEMOURS & CO (Workiva) (PWC) (Other noncurrent liabilities)

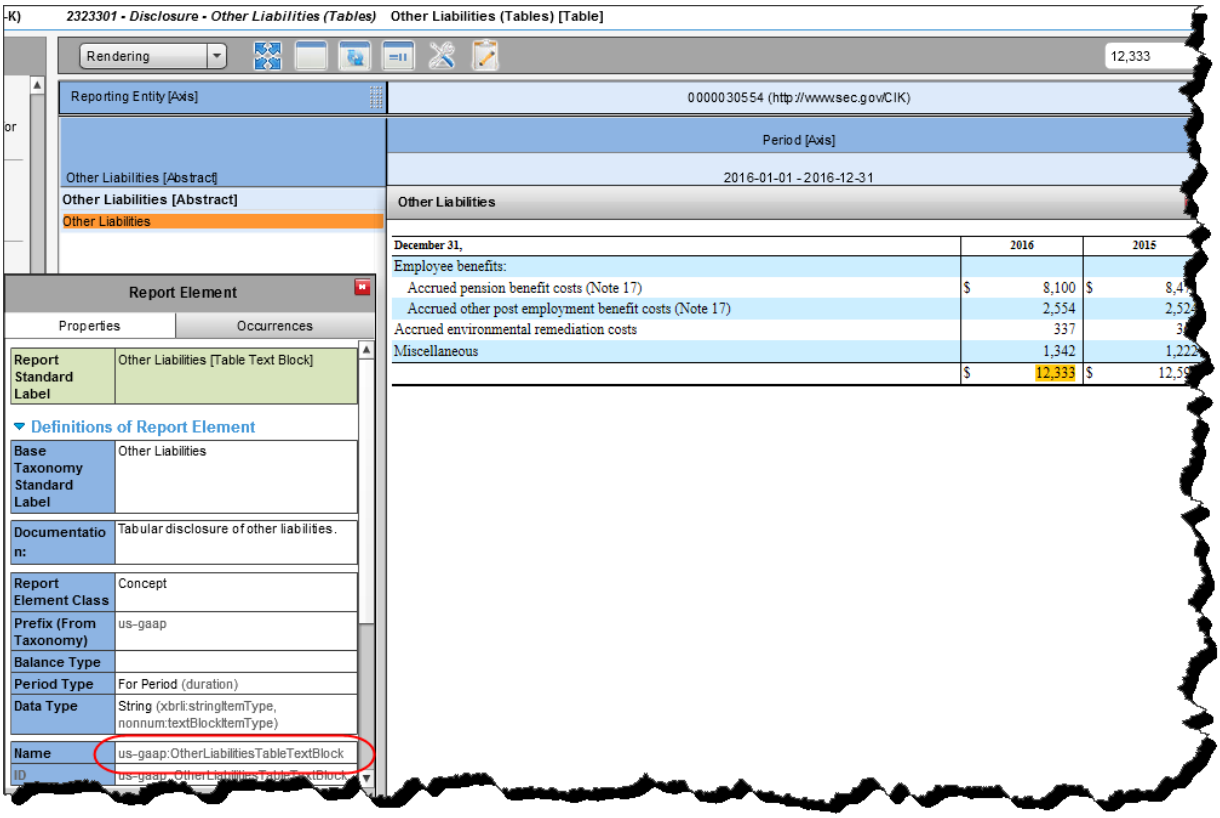
http://www.sec.gov/Archives/edgar/data/30554/000003055417000004/0000030554-17-000004-index.htm

Here are 85 BEST PRACTICE examples for other noncurrent liabilities where the Level 3 Disclosure Text Block used is "us-gaap:OtherNoncurrentLiabilitiesTableTextBlock" and the corresponding Level 4 Disclosure Detail roll up total is "us-gaap:OtherLiabilitiesNoncurrent":

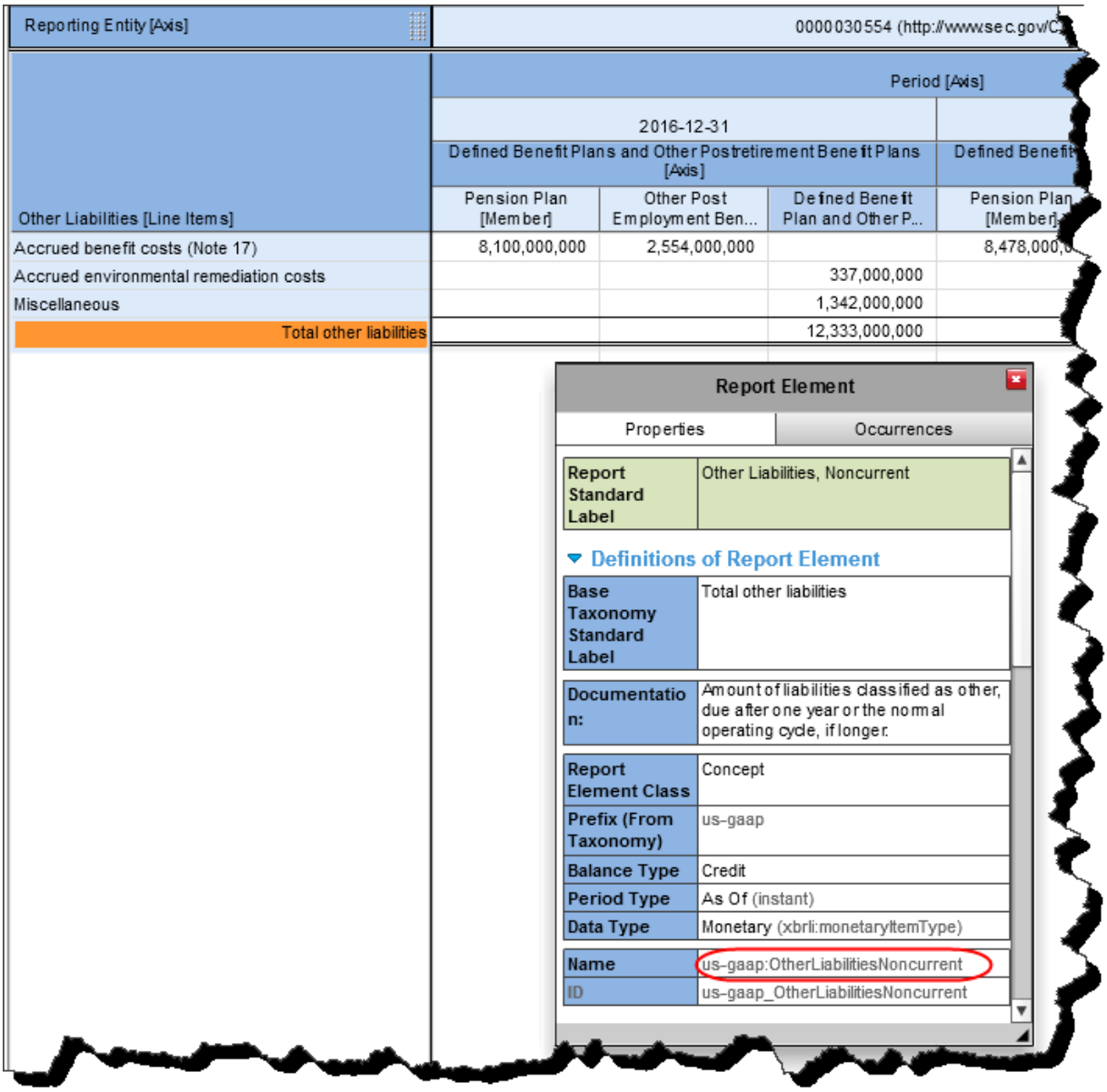
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_940_Consistent.html

Dupont uses the SAME Level 4 Disclosure Detail concept "us-gaap:OtherLiabilitiesNoncurrent" but a less precise Level 3 Disclosure Text Block concept: "us-gaap:OtherLiabilitiesTableTextBlock". This is an error, the more precise concept should be used.

Level 3 Disclosure Text Block:



Level 4 Disclosure Detail:



Reporting Entity [Axis]	0000030554 (http://www.sec.gov/C

	Period [Axis]			
	2016-12-31			
	Defined Benefit Plans and Other Postretirement Benefit Plans [Axis]			Defined Benefit
Other Liabilities [Line Items]	Pension Plan [Member]	Other Post Employment Ben...	Defined Benefit Plan and Other P...	Pension Plan [Member]
Accrued benefit costs (Note 17)	8,100,000,000	2,554,000,000		8,478,000,0
Accrued environmental remediation costs			337,000,000	
Miscellaneous			1,342,000,000	
Total other liabilities			12,333,000,000	

Report Element

Properties | Occurrences

Report Standard Label	Other Liabilities, Noncurrent

Definitions of Report Element

Base Taxonomy Standard Label	Total other liabilities
Documentation:	Amount of liabilities classified as other, due after one year or the normal operating cycle, if longer.
Report Element Class	Concept
Prefix (From Taxonomy)	us-gaap
Balance Type	Credit
Period Type	As Of (instant)
Data Type	Monetary (xbrli:monetaryItemType)
Name	us-gaap:OtherLiabilitiesNoncurrent
ID	us-gaap_OtherLiabilitiesNoncurrent

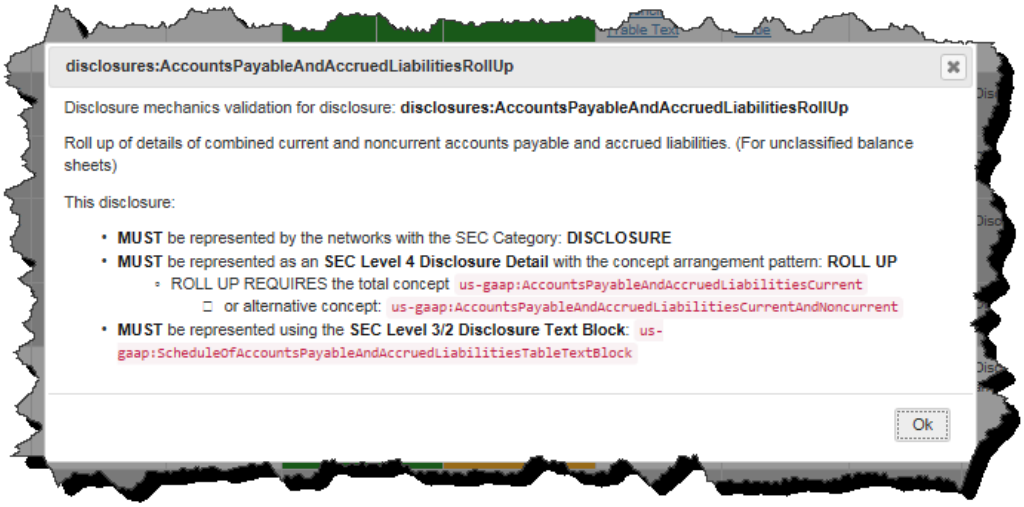
Also, because there is no total for the members of “Accrued Benefit Costs”, the roll up of “Total other liabilities” does not work. Dupont is mixing a dimensional approach and a non-dimensional approach to representing line items in the same [Table] inappropriately.

EXXON MOBIL CORP (Certent) (PWC) (Accounts payable and accrued expenses roll up)

http://www.sec.gov/Archives/edgar/data/34088/000003408817000017/0000034088-17-000017-index.htm

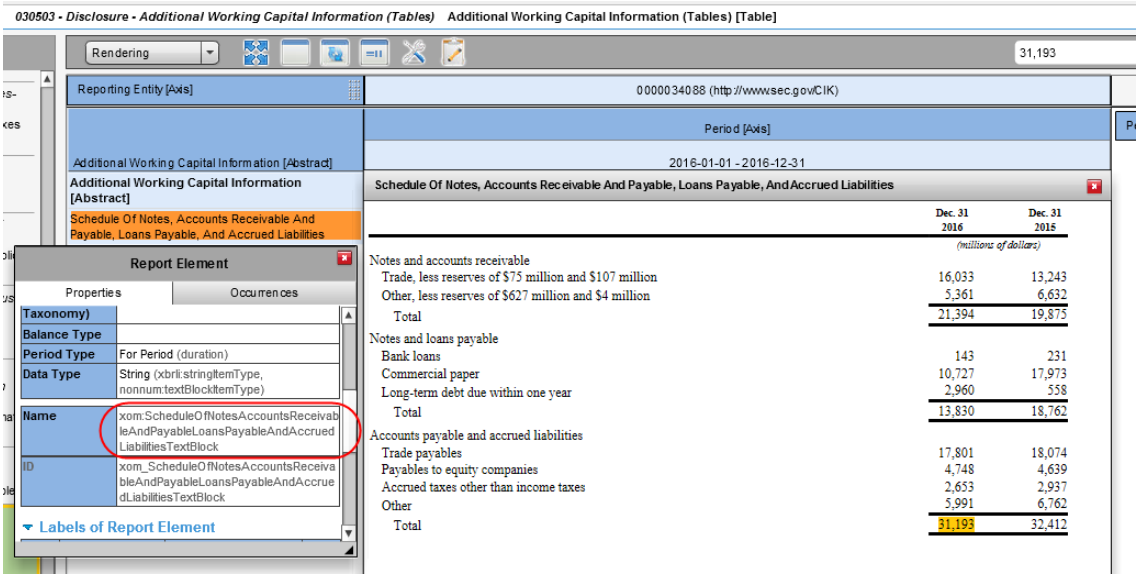
Here are 39 examples of how others represented “accounts payable and accrued expenses”. I cannot tell if the Level 3 Disclosure Text Block is intended for ONLY Current or current + noncurrent:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_543_Consistent.html

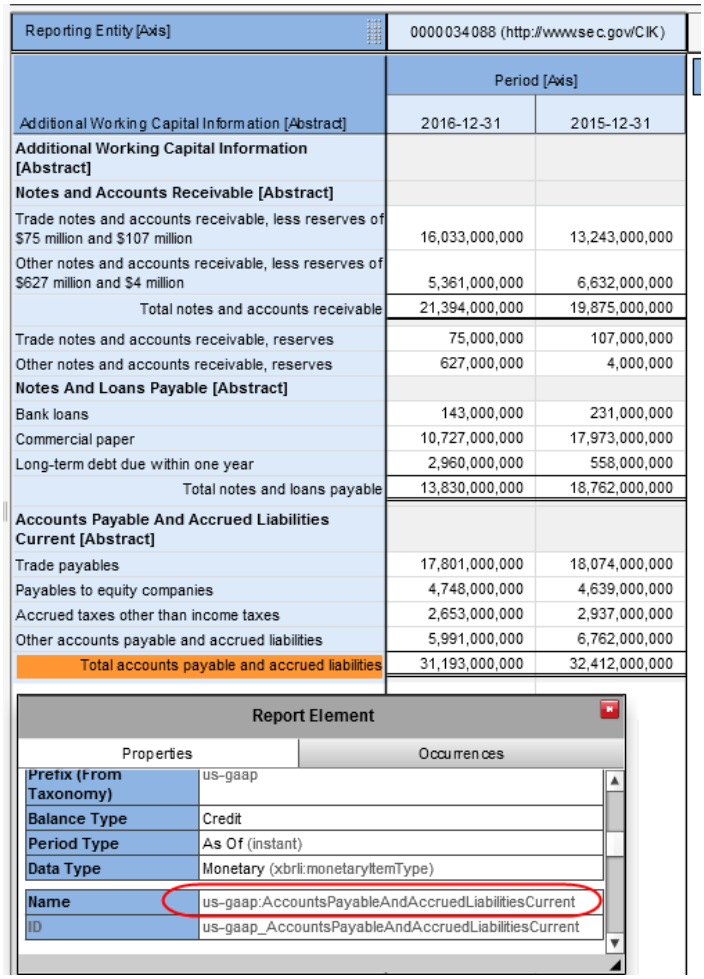


Here EXXON created an extension concept because they arbitrarily grouped THREE DIFFERENT ROLL UPS into ONE Level 3 Disclosure Text Block. One could argue that this is not an error; but one could also point out that if this is an allowable practice, then basically companies can manipulate what you are able to find in their disclosures, at least the Level 3 Disclosure Text Blocks. Harder to manipulate the Level 4 Disclosure Details. My personal opinion is that this is a bad way to represent financial information if you are considering the needs of analysts, data aggregators, investors, regulators.

Level 3 Disclosure Text Block:



Level 4 Disclosure Detail: (this is fine, easy to discover and use).



EXXON MOBIL CORP (Certent) (PWC) (Asset Retirement Obligation)

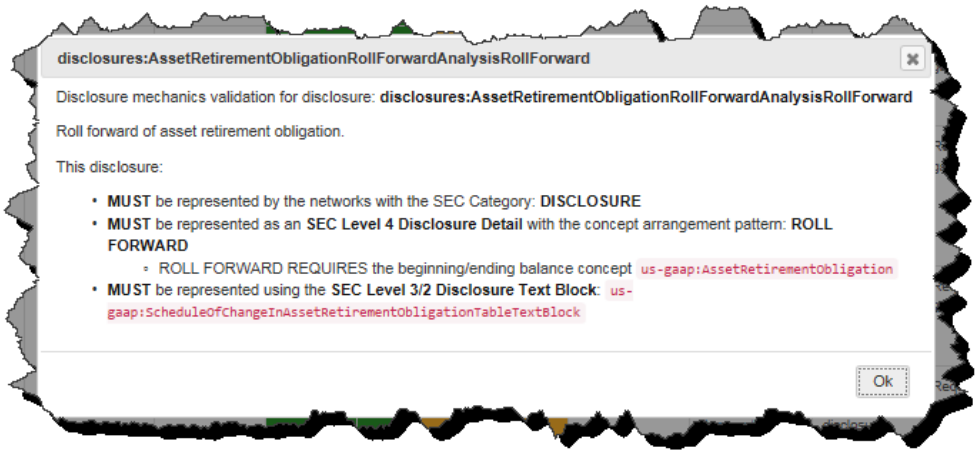
http://www.sec.gov/Archives/edgar/data/34088/000003408817000017/0000034088-17-000017-index.htm

Exxon is using a Level 1 Note Text Block to represent a Level 3 Disclosure Text Block.

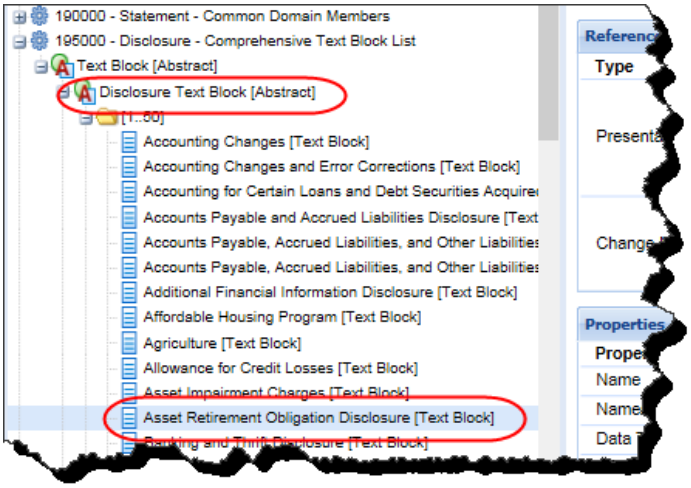
Note these 102 BEST PRACTICE examples that consistently use the Level 3 Disclosure Text Block "us-gaap:ScheduleOfChangeInAssetRetirementObligationTableTextBlock" and the related Level 4 Disclosure Detail concept "us-gaap:AssetRetirementObligation":

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_724_Consistent.html

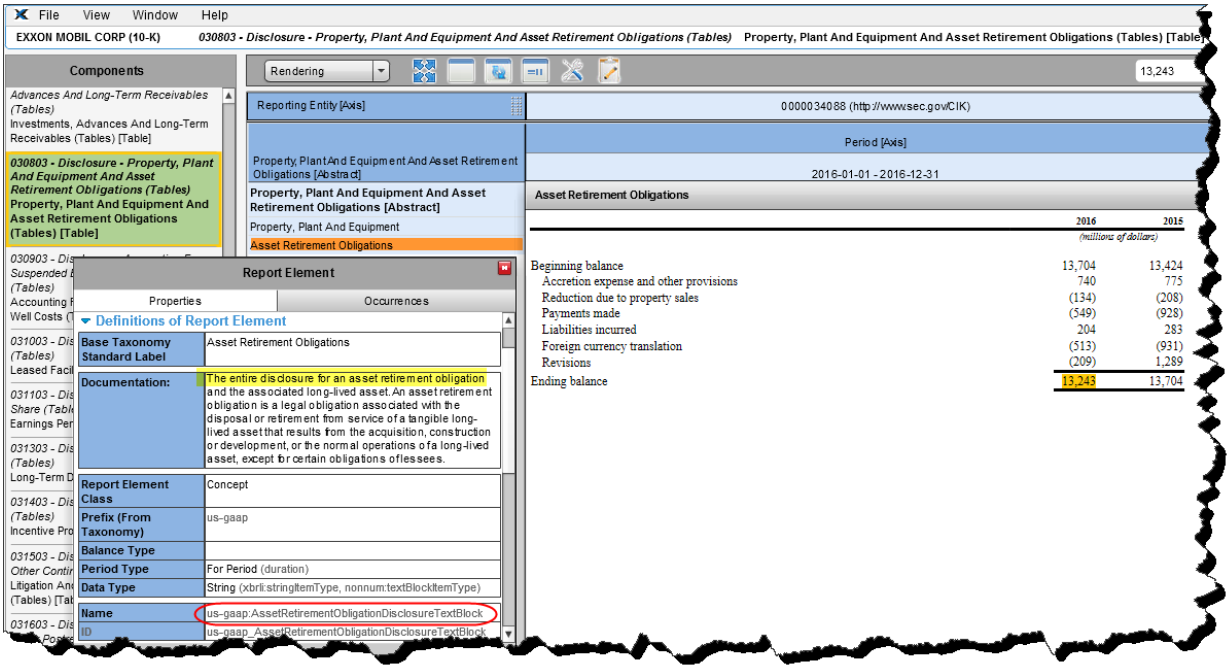
My little artificial intelligence driven algorithm uses that information articulated in the form an XBRL definition relations shown in human readable form below and some other secret sauce to find this inconsistency.



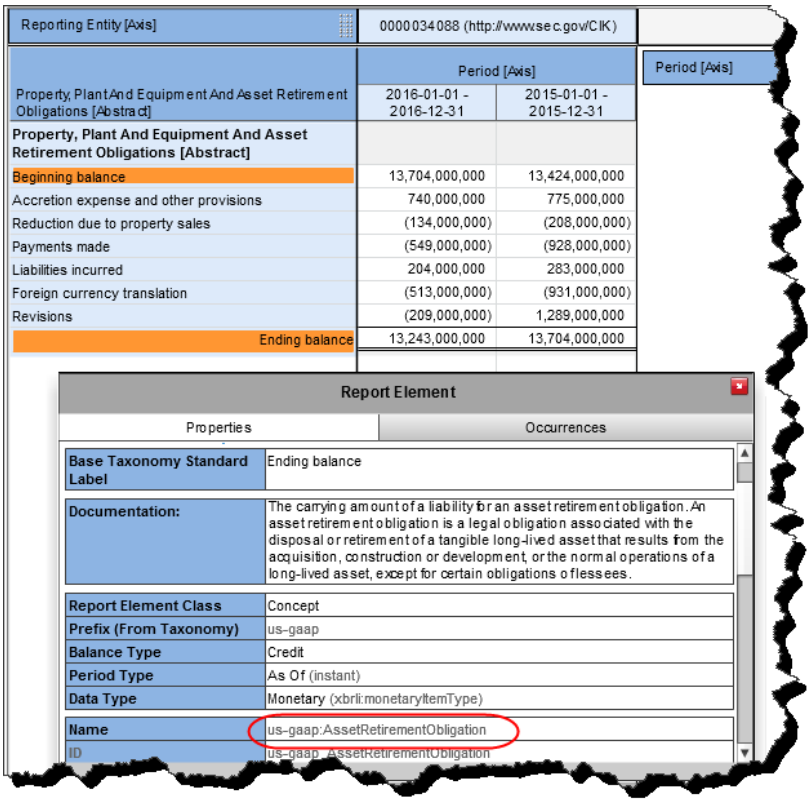
Further, you can clearly see from looking at the US GAAP XBRL Taxonomy that the concept "us-gaap:AssetRetirementObligationDisclosureTextBlock" is a Level 1 Note Text Block:



Or, you can see that the key phrase “entire disclosure…” is used in the documentation of that concept. This is an error.



Level 4 Disclosure Detail:



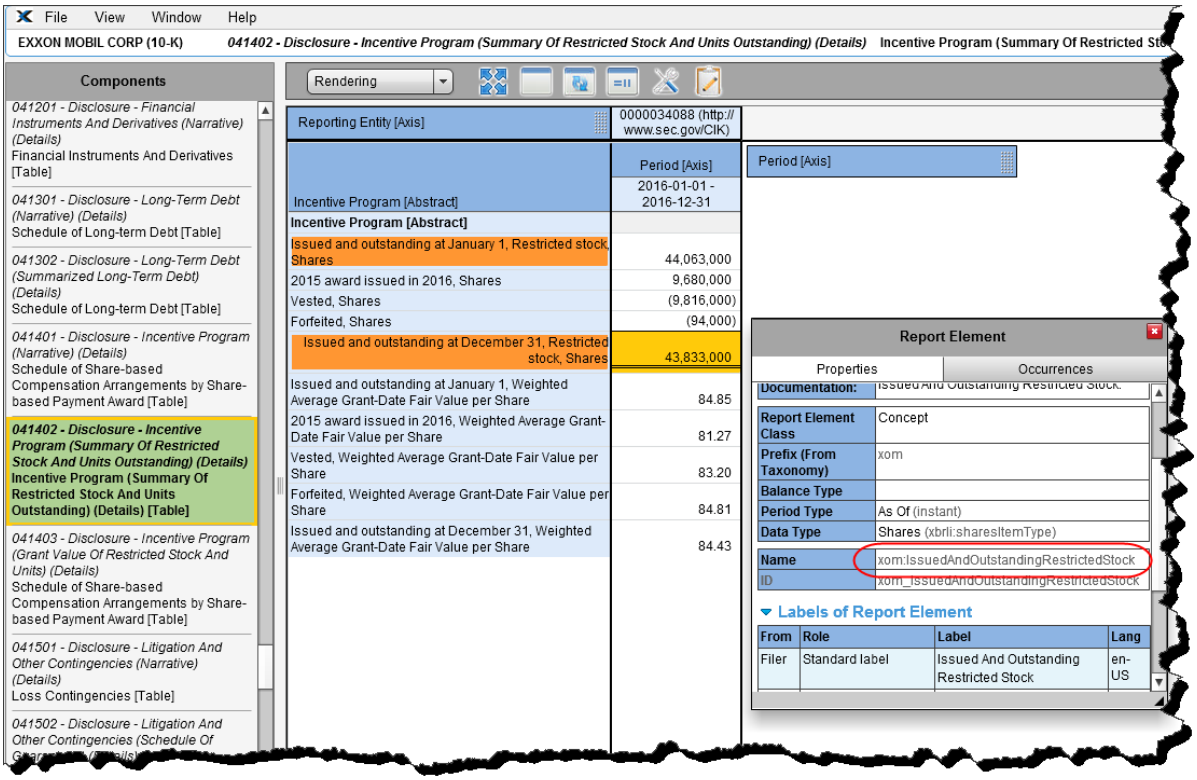
EXXON MOBIL CORP (Certent) (PWC)(restricted stock options)

http://www.sec.gov/Archives/edgar/data/34088/000003408817000017/0000034088-17-000017-index.htm

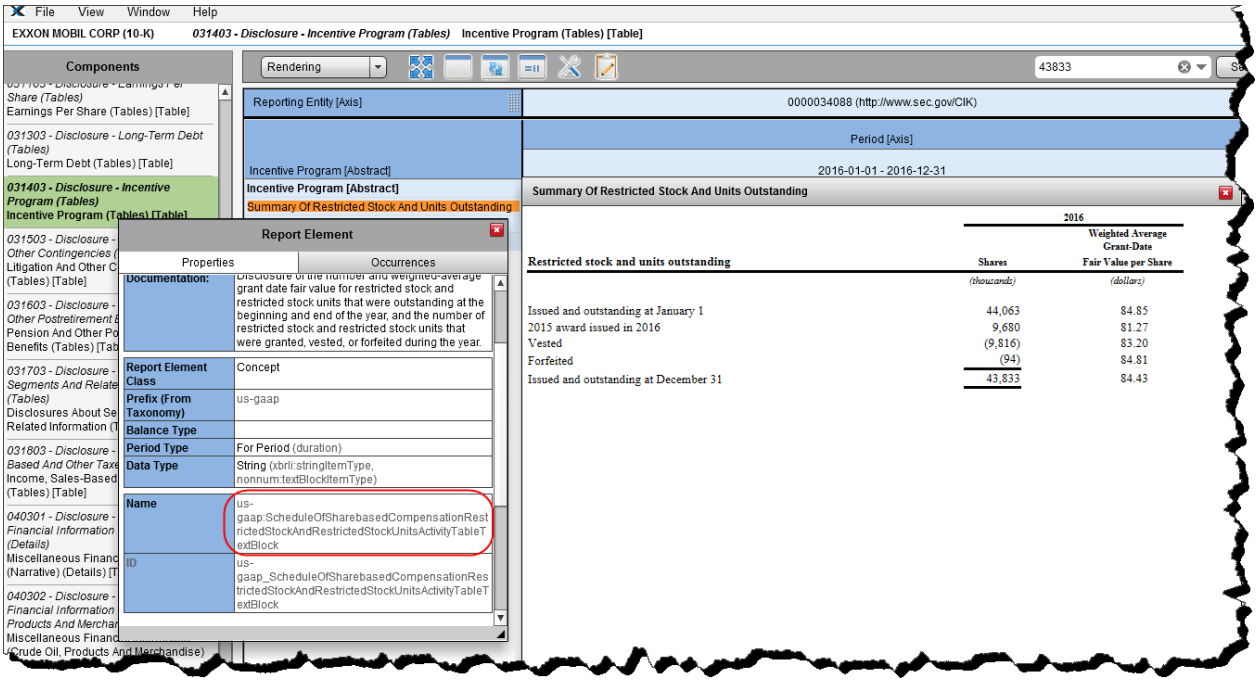
This is clearly an error. There is a correlation between a Level 3 Disclosure Text Block and a Level 4 Disclosure Detail. The Level 3 and Level 4 are TWO WAYS of disclosing the SAME INFORMATION. For this disclosure, Exxon used the standard US GAAP XBRL Taxonomy concept to represent the Level 3 Disclosure Text Block (see below); but then created an EXTENSION to represent the Level 4 Disclosure Detail.

For contrast, I added the HOME DEPOT disclosure of the same information below. HOME DEPOT created an extension concept for the Level 3 Disclosure Text Block, but then used standard US GAAP XBRL Taxonomy concepts for the Level 4 Disclosure Detail. Seems pretty clear that ALL public companies should be representing the SAME INFORMATION in the SAME MANNER.

Level 4 Disclosure Detail:



Level 3 Disclosure Text Block:


File View Window Help
EXXON MOBIL CORP (10-K)
031403 - Disclosure - Incentive Program (Tables)
Incentive Program (Tables) [Table]
Components
Rendering
43833
Earnings Per Share (Tables) [Table]
031303 - Disclosure - Long-Term Debt (Tables)
Long-Term Debt (Tables) [Table]
031403 - Disclosure - Incentive Program (Tables)
Incentive Program (Tables) [Table]
Reporting Entity [Axis]
0000034088 (http://www.sec.gov/CIK)
Period [Axis]
Incentive Program [Abstract]
2016-01-01 - 2016-12-31
Incentive Program [Abstract]
Summary Of Restricted Stock And Units Outstanding
Summary Of Restricted Stock And Units Outstanding
Report Element
Properties
Occurrences
Documentation:
grant date fair value for restricted stock and restricted stock units that were outstanding at the beginning and end of the year, and the number of restricted stock and restricted stock units that were granted, vested, or forfeited during the year.
Report Element Class
Concept
Prefix (From Taxonomy)
us-gaap
Balance Type
Period Type
For Period (duration)
Data Type
String (xbrli:stringItemType, nonnum:textBlockItemType)
Name
us-gaap:ScheduleOfSharebasedCompensationRestrictedStockAndRestrictedStockUnitsActivityTableTextBlock
ID
us-gaap_ScheduleOfSharebasedCompensationRestrictedStockAndRestrictedStockUnitsActivityTableTextBlock
2016
Weighted Average Grant-Date
Restricted stock and units outstanding
Shares
Fair Value per Share
(thousands)
(dollars)
Issued and outstanding at January 1 44,063 84.85
2015 award issued in 2016 9,680 81.27
Vested (9,816) 83.20
Forfeited (94) 84.81
Issued and outstanding at December 31 43,833 84.43

General Electric Company (Certent) (KPMG) (Interest and Other Income roll up)

http://www.sec.gov/Archives/edgar/data/40545/000004054517000010/0000040545-17-000010-index.htm

So these facts are similar to the DUPONT example (see above) and I have included that below for contrast. The ONLY thing that is different is that rather than creating an EXTENSION concept and using that concept to represent the Level 4 Disclosure Detail which goes with the Level 3 Disclosure Text block; GE used a DIFFERENT US GAAP XBRL Taxonomy Concept.

Here are three BEST PRACTICE examples of where the Level 3 Disclosure Text Block "us-gaap:InterestAndOtherIncomeTableTextBlock" was matched with the Level 4 Disclosure Detail concept "us-gaap:InterestAndOtherIncome" in a ROLL UP:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_630_Consistent.html

Here is that Level 3 Disclosure Text Block:

Reporting Entity [Axis]	0000040545 (http://www.sec.gov/CIK)
	Period [Axis]
Other Income [Abstract]	2016-01-01 - 2016-12-31
Other Income [Abstract]	**Schedule of Other Income**
Schedule of Other Income	

us-gaap:InterestAndOtherIncomeTableTextBlock

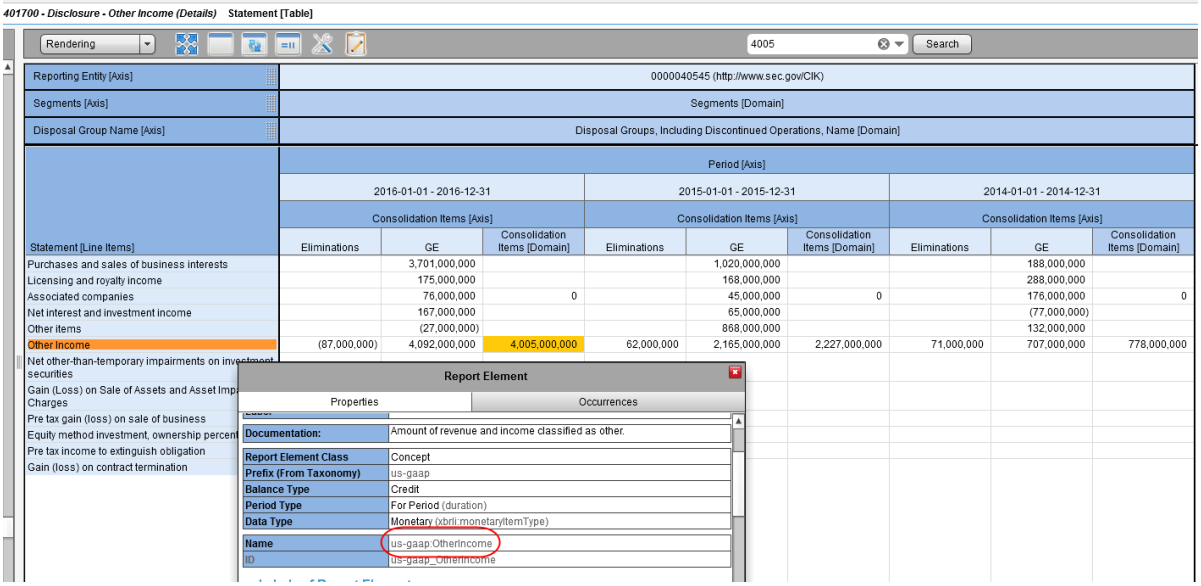
(In millions)	2016	2015	2014
GE			
Purchases and sales of business interests(a)	$ 3,701	$ 1,020	$ 188
Licensing and royalty income	175	168	288
Associated companies	76	45	176
Net interest and investment income(b)	167	65	(77)
Other items(c)	(27)	868	132
	4,092	2,165	707
Eliminations	(87)	62	71
Total	$ 4,005	$ 2,227	$ 778

(a) Included a pre-tax gain of $3,136 million on the sale of our Appliances business and $398 million on the sale of GE Asset Management in 2016. Included a

(b) Included other-than-temporary impairments on investment securities of $(217) million in 2014.

(c) In 2015, included a $450 million NBCU tax settlement and a $175 million break-up fee from Electrolux. Included net gains on asset sales of $101 million, $

Here is the Level 4 Disclosure Detail (and the concept used DOES NOT MATCH the three BEST PRACTICE examples I provided). Clearly these should not be inconsistent Level 4 Disclosure Detail concepts if the Level 4 Disclosure Text Block is the SAME. True?



401700 - Disclosure - Other Income (Details) **Statement [Table]**

Rendering | 4005 | Search

Reporting Entity [Axis]	0000040545 (http://www.sec.gov/CIK)								
Segments [Axis]	Segments [Domain]								
Disposal Group Name [Axis]	Disposal Groups, Including Discontinued Operations, Name [Domain]								
	Period [Axis]								
	2016-01-01 - 2016-12-31			2015-01-01 - 2015-12-31			2014-01-01 - 2014-12-31		
	Consolidation Items [Axis]			Consolidation Items [Axis]			Consolidation Items [Axis]		
Statement [Line Items]	Eliminations	GE	Consolidation Items [Domain]	Eliminations	GE	Consolidation Items [Domain]	Eliminations	GE	Consolidation Items [Domain]
Purchases and sales of business interests		3,701,000,000			1,020,000,000			188,000,000	
Licensing and royalty income		175,000,000			168,000,000			288,000,000	
Associated companies		76,000,000	0		45,000,000	0		176,000,000	0
Net interest and investment income		167,000,000			65,000,000			(77,000,000)	
Other items		(27,000,000)			868,000,000			132,000,000	
Other Income	(87,000,000)	4,092,000,000	4,005,000,000	62,000,000	2,165,000,000	2,227,000,000	71,000,000	707,000,000	778,000,000
Net other-than-temporary impairments on investment securities									
Gain (Loss) on Sale of Assets and Asset Impa Charges									
Pre tax gain (loss) on sale of business									
Equity method investment, ownership percent									
Pre tax income to extinguish obligation									
Gain (loss) on contract termination									

Report Element

Properties | Occurrences

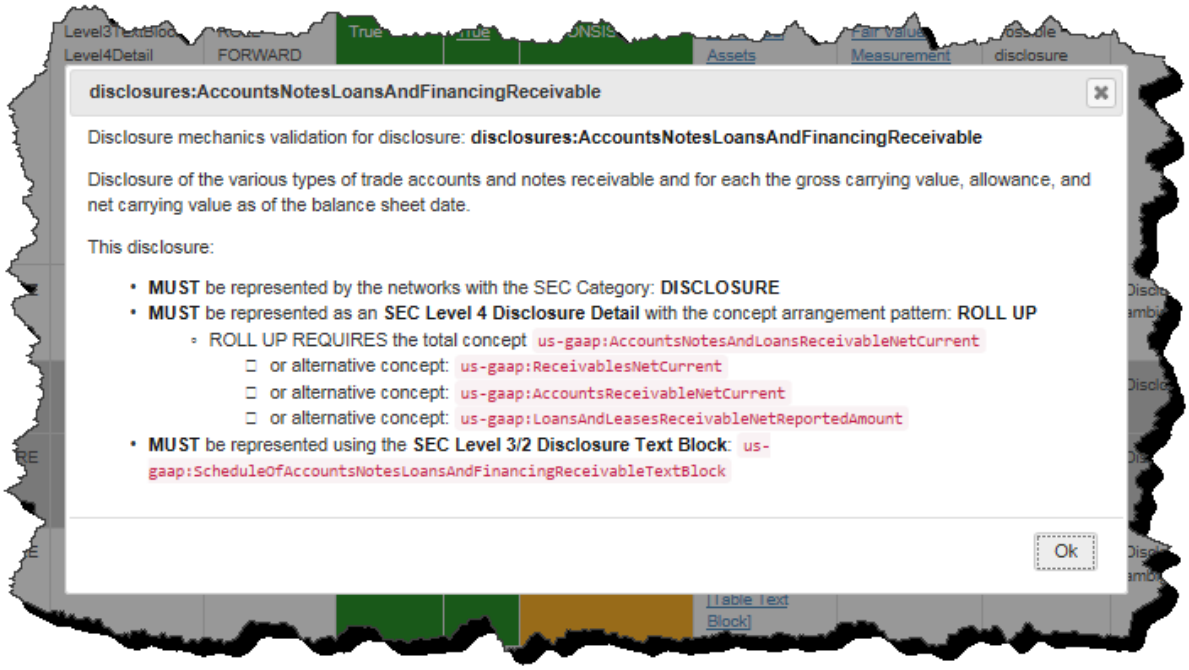
Documentation:	Amount of revenue and income classified as other.
Report Element Class	Concept
Prefix (From Taxonomy)	us-gaap
Balance Type	Credit
Period Type	For Period (duration)
Data Type	Monetary (xbrli:monetaryItemType)
Name	us-gaap:OtherIncome
ID	us-gaap_OtherIncome

General Electric Company (Certent) (KPMG) (Accounts receivable roll up)

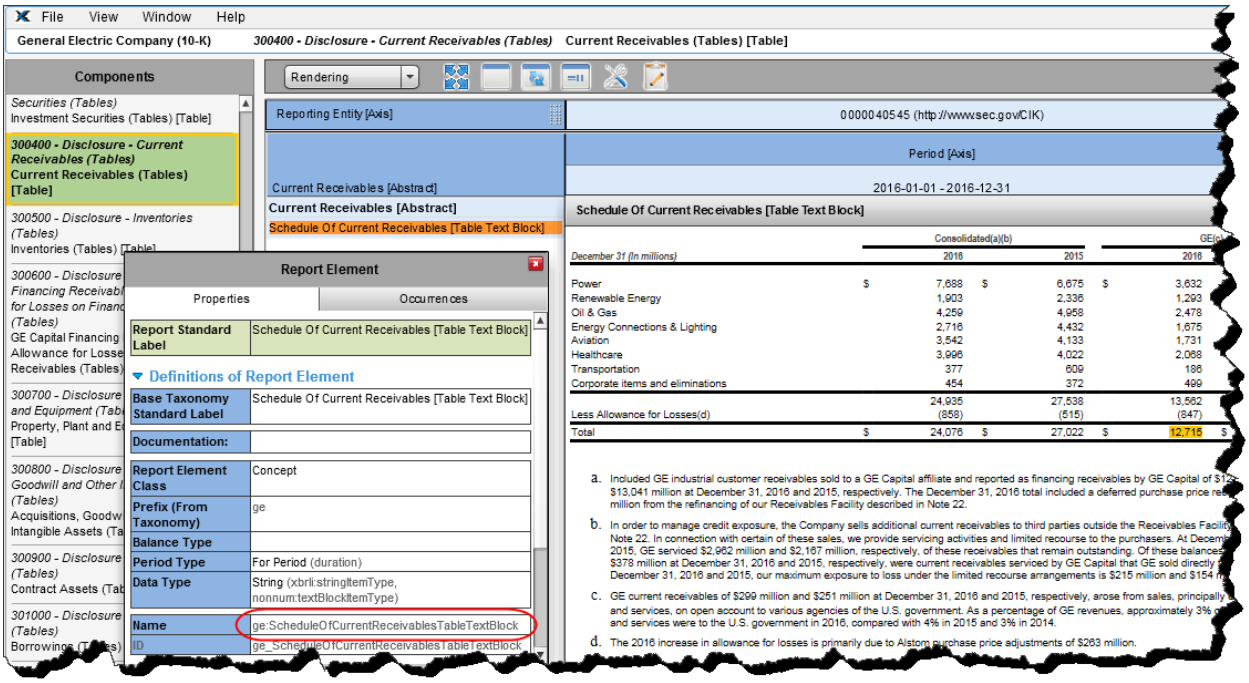
http://www.sec.gov/Archives/edgar/data/40545/000004054517000010/0000040545-17-000010-index.htm

This set of 154 BEST PRACTICE examples shows that one of these FOUR Level 4 Disclosure Detail concepts and the Level 3 Disclosure Text Block concept were used to report current accounts receivable.

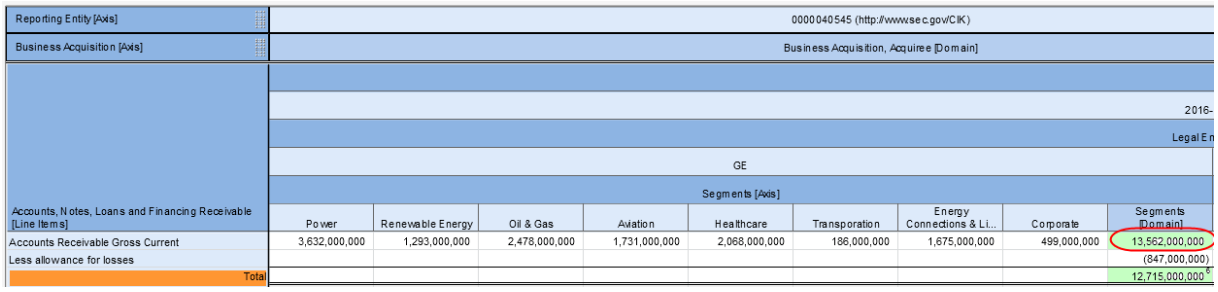
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_73_Consistent.html



Yet, General Electric created an extension concept to represent the Level 3 Disclosure Text Block. This is an error.



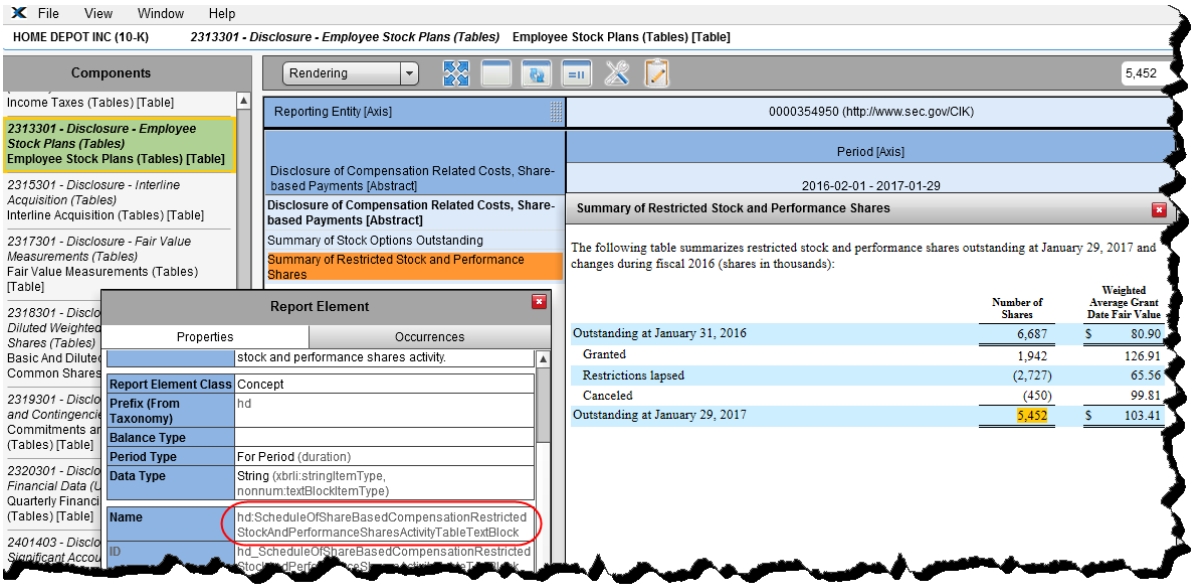
Level 4 Disclosure Detail: (this is EXCELLENT because the [Member] aggregation roll up across the page and the [Line Items] roll up down the page work because the intersecting fact is reported)

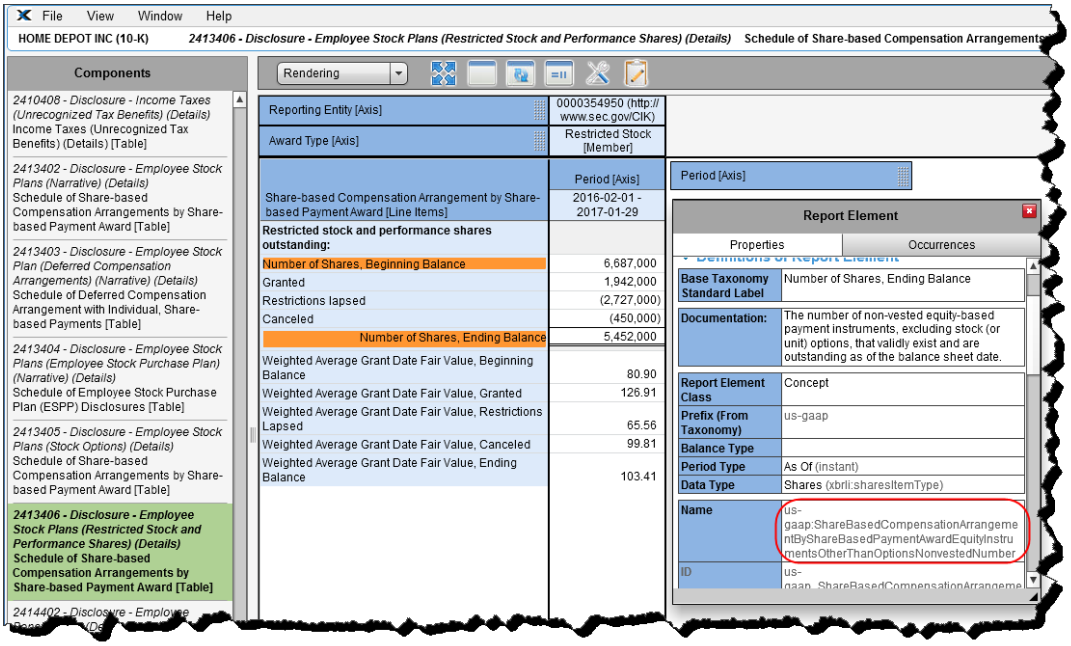


HOME DEPOT INC (Workiva) (KPMG)

http://www.sec.gov/Archives/edgar/data/354950/000035495017000005/0000354950-17-000005-index.htm

To be perfectly honest, this restricted stock number of shares and weighted average grant date fair value is not completely dialed in yet; but I am 100% certain that requiring a company to create an extension concept is not appropriate because there are so, so many companies that provide virtually identical disclosures. As such, this extension concept created by Home Depot is undoubtedly an error. The error could be (a) them not using the appropriate concept which DOES EXIST or (b) a concept MISSING from the US GAAP XBRL Taxonomy. Either way, it is an error.





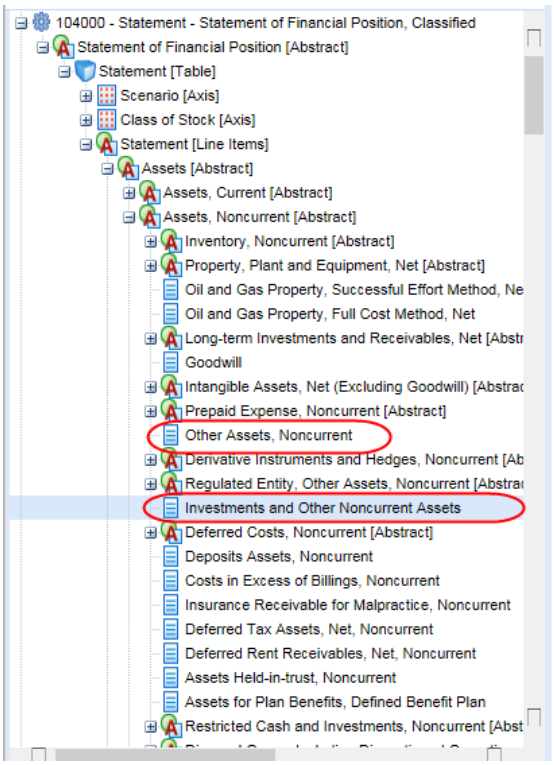
INTERNATIONAL BUSINESS MACHINES CORP (Merrill) (PWC)

http://www.sec.gov/Archives/edgar/data/51143/000104746917001061/0001047469-17-001061-index.htm

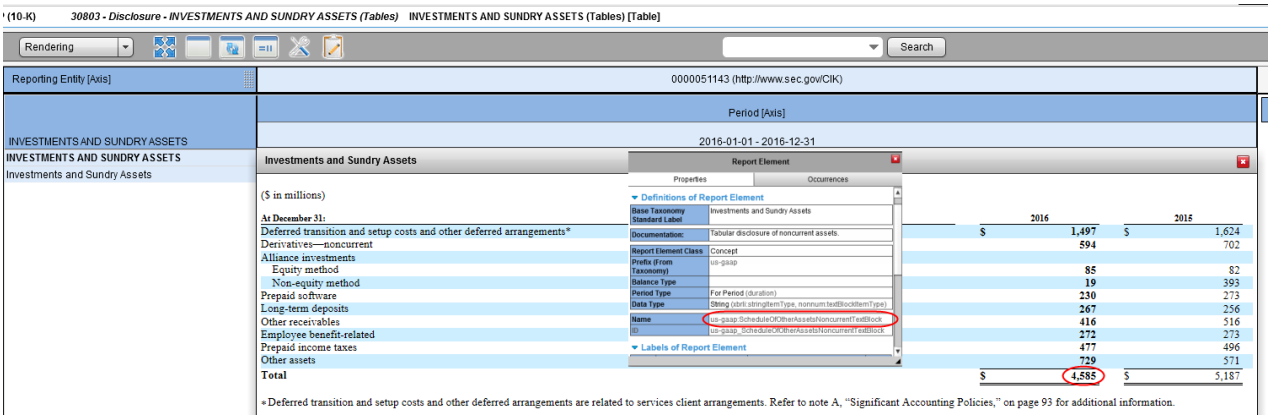
Here you have 95 BEST PRACTICE examples of where the Level 3 Disclosure Text Block concept "us-gaap:ScheduleOfOtherAssetsNoncurrentTextBlock" was used to represent what was reported as a Level 4 Disclosure Detail roll up using the total concept "us-gaap:OtherAssetsNoncurrent":

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_113_Consistent.html

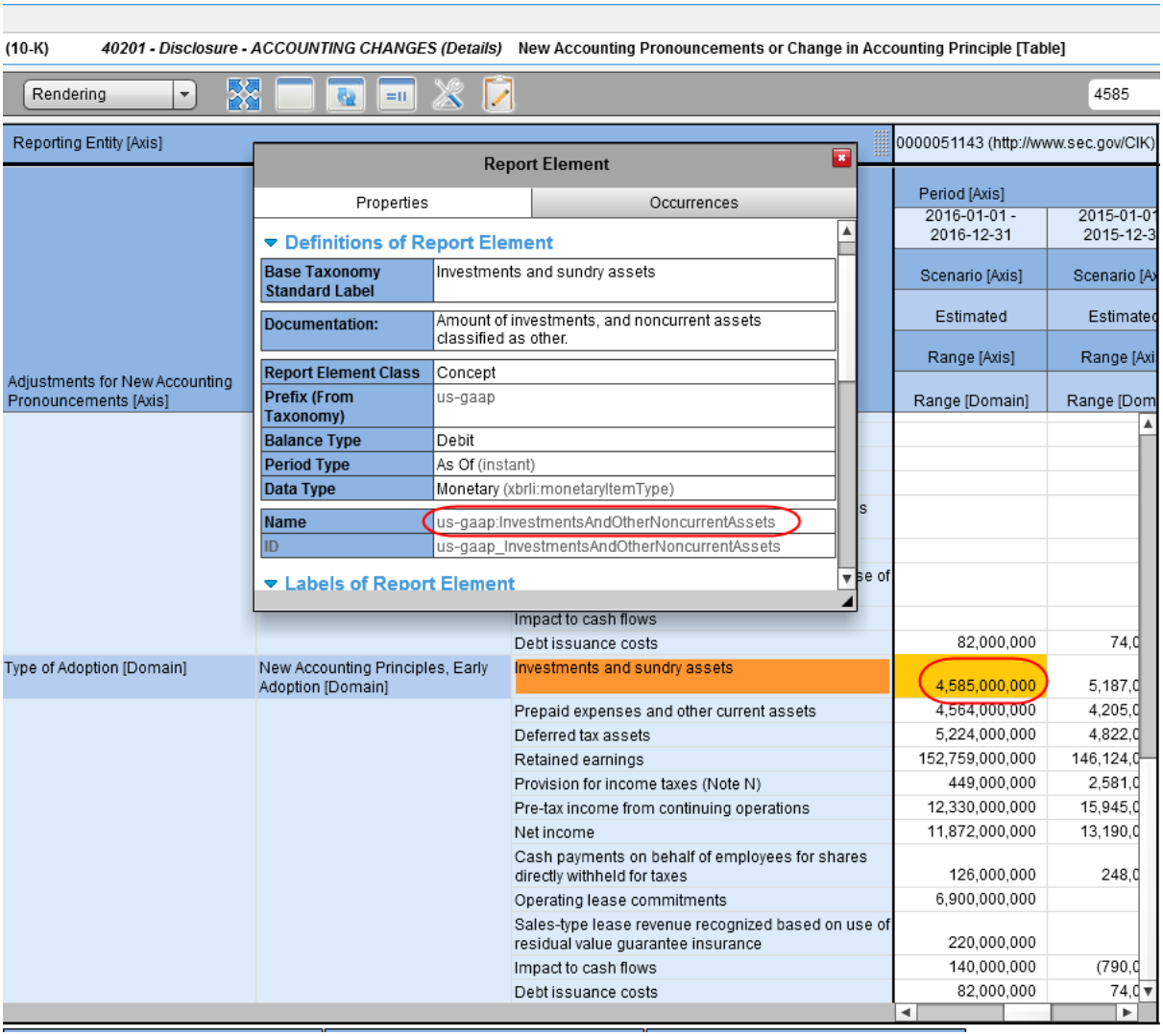
Here is the location of the concept "us-gaap:OtherAssetsNoncurrent" in the balance sheet relative to the concept "us-gaap:InvestmentsAndOtherNoncurrentAssets"



And here is IBM using that SAME Level 3 Disclosure Text Block concept "us-gaap:ScheduleOfOtherAssetsNoncurrentTextBlock" to represent what is articulated as a Level 4 Disclosure Detail using the concept "us-gaap:InvestmentsAndOtherNoncurrentAssets"; NOT the concept used by the BEST PRACTICE examples, which is a DIFFERENT child of "us-gaap:Assets".



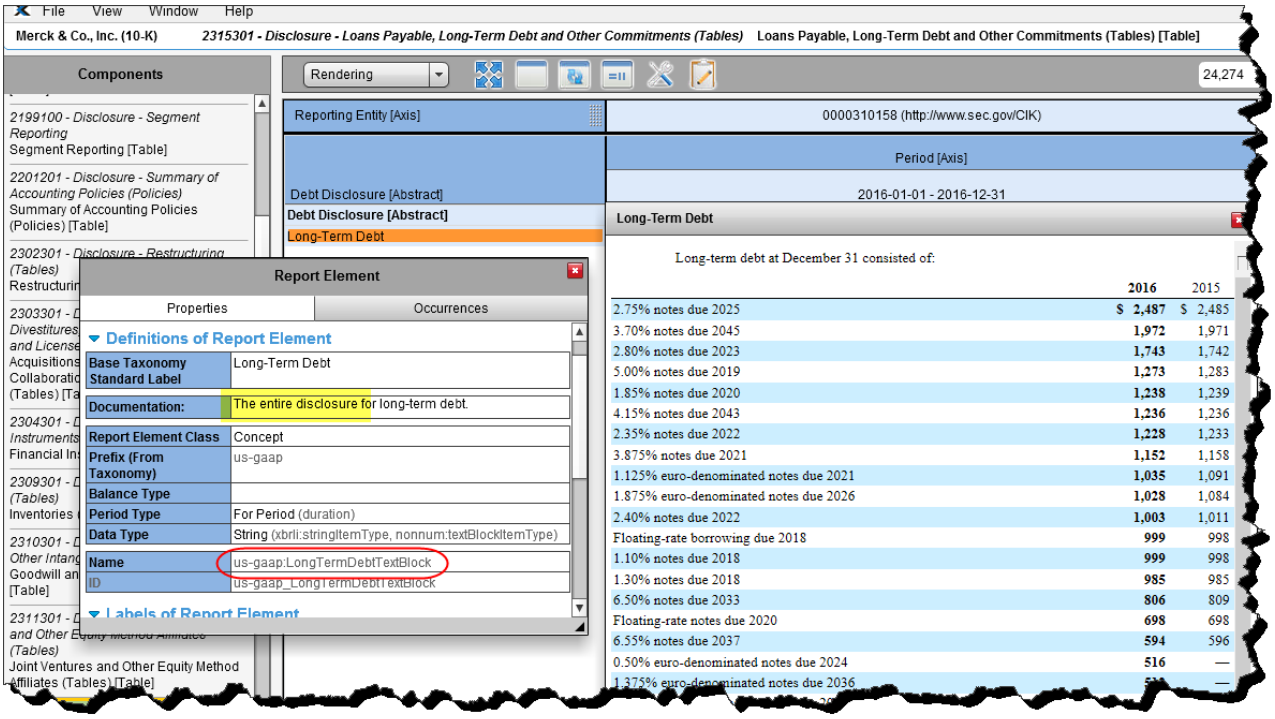
Further, the Level 4 Disclosure Detail is intermingled incorrectly with a bunch of other disclosures making it particularly hard (unnecessarily hard) to read. Look at the BEST PRACTICE examples above.



Merck & Co., Inc. (Workiva) (PWC) (Long term debt instruments)

http://www.sec.gov/Archives/edgar/data/310158/000031015817000010/0000310158-17-000010-index.htm

This is an error. If you look at the US GAAP XBRL Taxonomy, you can clearly see that the concept that they used to represent a Level 3 Disclosure Text Block is MEANT to be used to represent the "entire disclosure", the Level 1 Note Text Block.



PROCTER & GAMBLE CO (Workiva) (Deloitte) (Other noncurrent liabilities)

http://www.sec.gov/Archives/edgar/data/80424/000008042417000047/0000080424-17-000047-index.htm

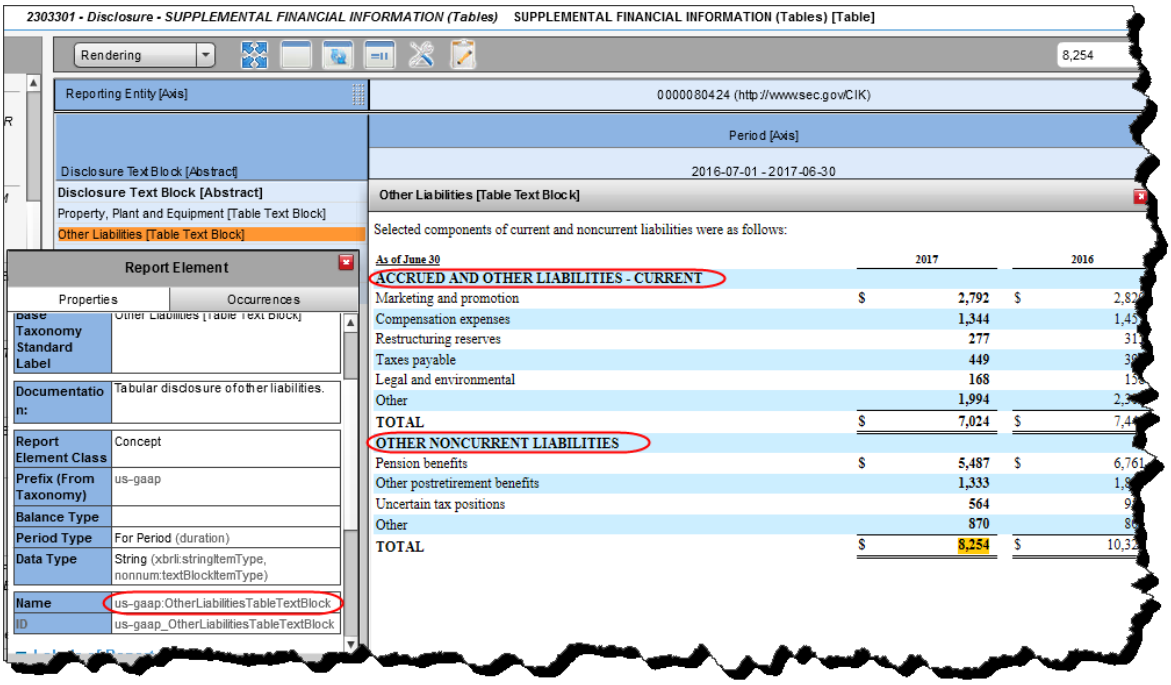
You could probably make a pretty good argument that this is not an error; but it is certainly not a best practice either. Fundamentally, this boils down to whether you have a "presentation" or document-centric orientation or a "representation" or data-centric orientation.

Here are 85 BEST PRACTICE examples for other noncurrent liabilities where the Level 3 Disclosure Text Block used is "us-gaap:OtherNoncurrentLiabilitiesTableTextBlock" and the corresponding Level 4 Disclosure Detail roll up total is "us-gaap:OtherLiabilitiesNoncurrent":

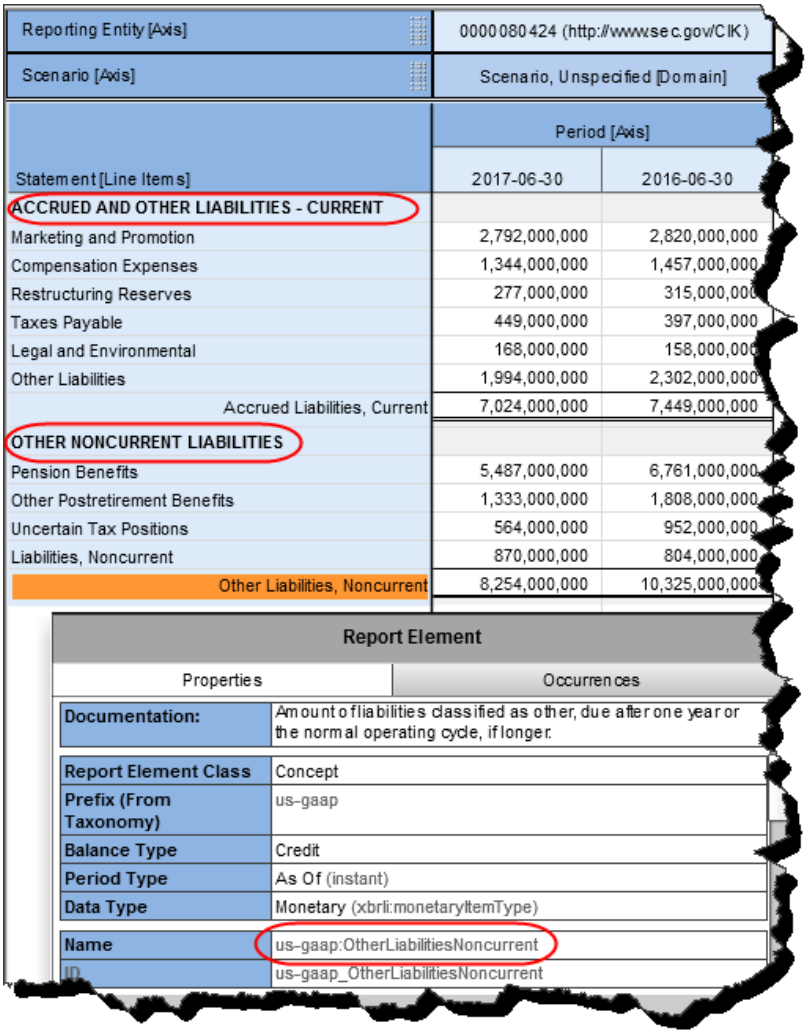
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_940_Consistent.html

Allowing a company the opportunity to **arbitrarily manipulate what something is** by whether it puts a presentation heading on it or not is likely not a good thing.

Level 3 Disclosure Text Block:



Level 4 Disclosure Detail:



Reporting Entity [Axis]	0000080424 (http://www.sec.gov/CIK)	
Scenario [Axis]	Scenario, Unspecified [Domain]	
	Period [Axis]	
Statement [Line Items]	2017-06-30	2016-06-30
ACCRUED AND OTHER LIABILITIES - CURRENT		
Marketing and Promotion	2,792,000,000	2,820,000,000
Compensation Expenses	1,344,000,000	1,457,000,000
Restructuring Reserves	277,000,000	315,000,000
Taxes Payable	449,000,000	397,000,000
Legal and Environmental	168,000,000	158,000,000
Other Liabilities	1,994,000,000	2,302,000,000
Accrued Liabilities, Current	7,024,000,000	7,449,000,000
OTHER NONCURRENT LIABILITIES		
Pension Benefits	5,487,000,000	6,761,000,000
Other Postretirement Benefits	1,333,000,000	1,808,000,000
Uncertain Tax Positions	564,000,000	952,000,000
Liabilities, Noncurrent	870,000,000	804,000,000
Other Liabilities, Noncurrent	8,254,000,000	10,325,000,000

Report Element

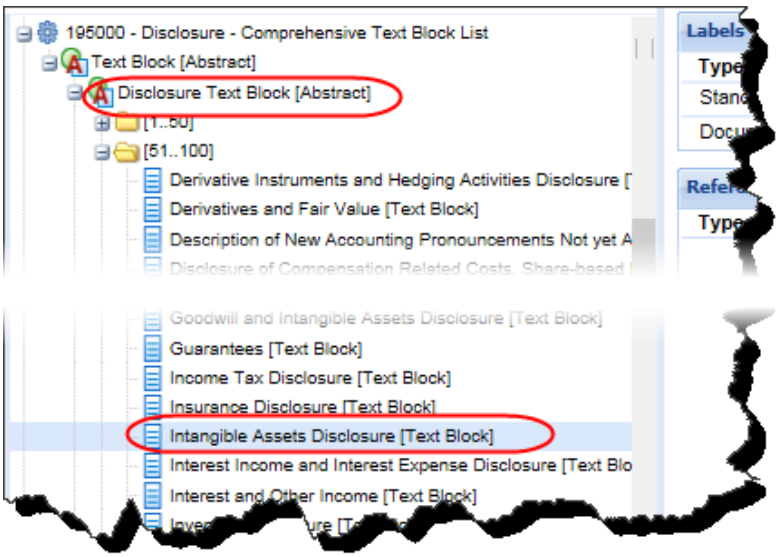
Properties	Occurrences

Documentation:	Amount of liabilities classified as other, due after one year or the normal operating cycle, if longer.
Report Element Class	Concept
Prefix (From Taxonomy)	us-gaap
Balance Type	Credit
Period Type	As Of (instant)
Data Type	Monetary (xbrli:monetaryItemType)
Name	us-gaap:OtherLiabilitiesNoncurrent
ID	us-gaap_OtherLiabilitiesNoncurrent

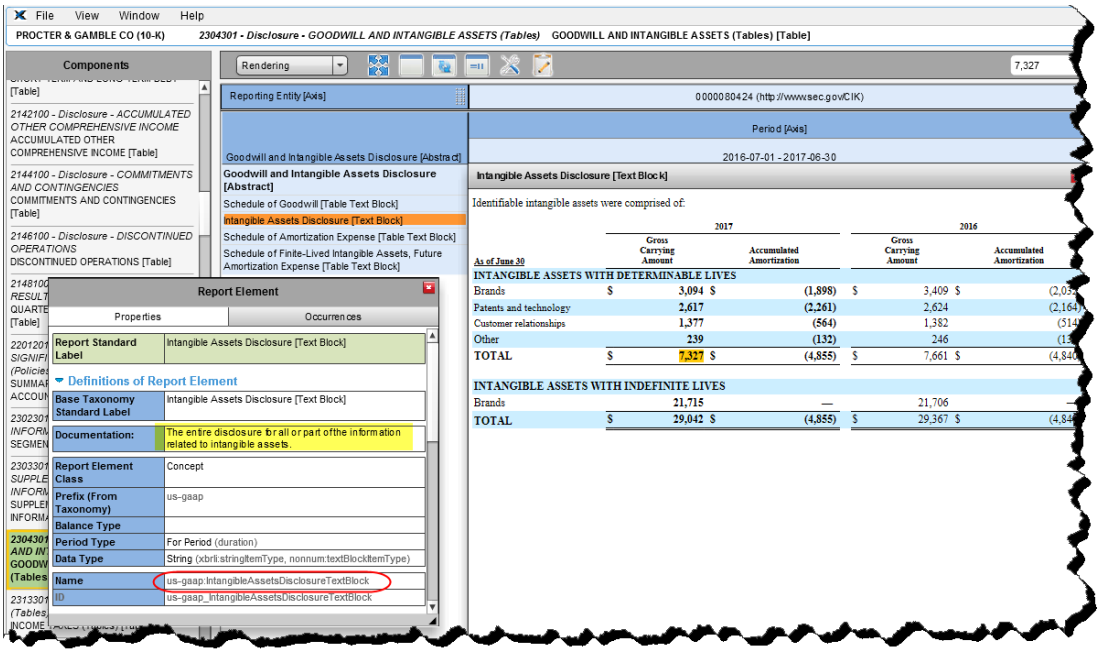
PROCTER & GAMBLE CO (Workiva) (Deloitte) (Other noncurrent liabilities)

http://www.sec.gov/Archives/edgar/data/80424/000008042417000047/0000080424-17-000047-index.htm

Procter & Gamble is using a Level 1 Note Text Block to represent a Level 3 Disclosure Text Block. Note this concept in the US GAAP XBRL Taxonomy:



They used that here;



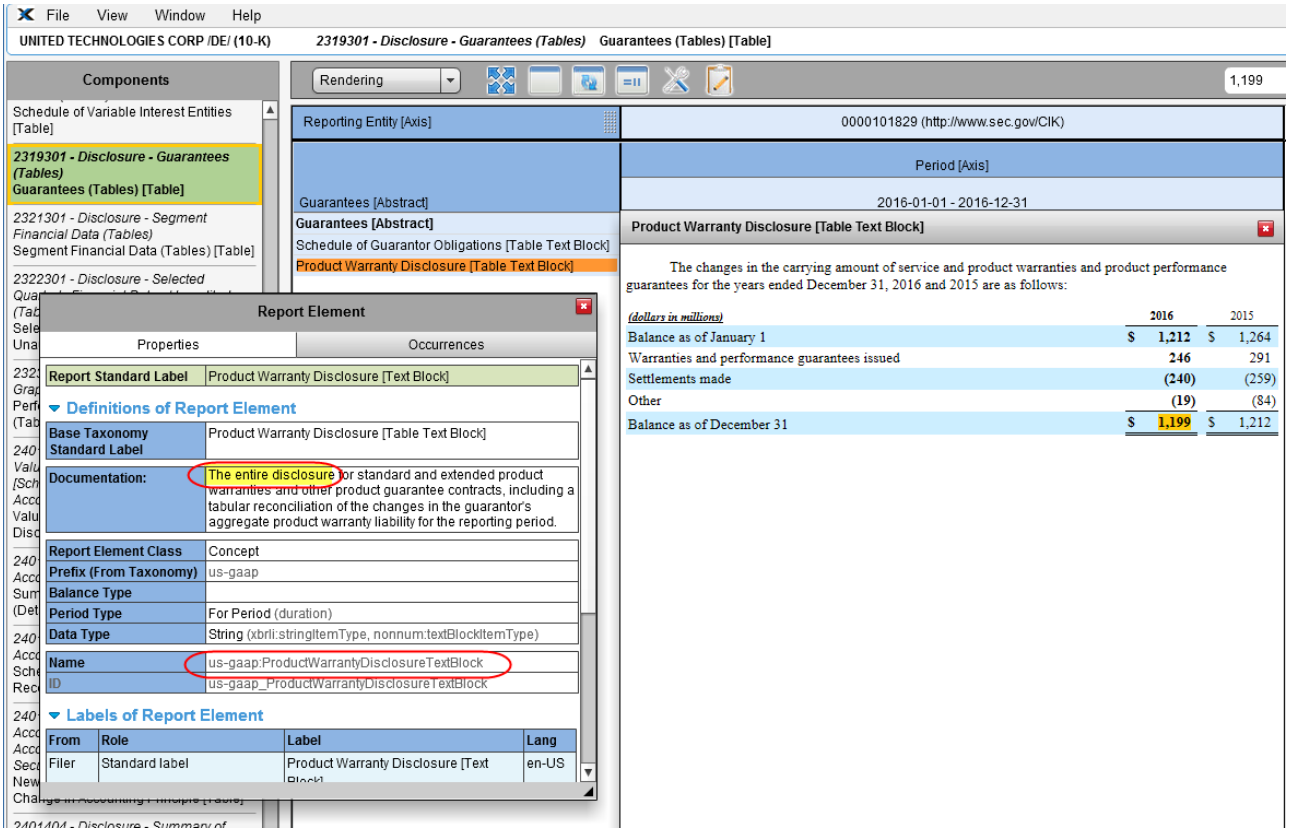
UNITED TECHNOLOGIES CORP /DE/ (Workiva) (PWC) (Product Warranty)

http://www.sec.gov/Archives/edgar/data/101829/000010182917000007/0000101829-17-000007-index.htm

UTC is using a Level 1 Note Text Block to represent a Level 3 Disclosure Text Block. That is an error.

Here are 144 BEST PRACTICE examples of how to represent this Level 3 Disclosure Text Block and the Level 4 Disclosure Detail:

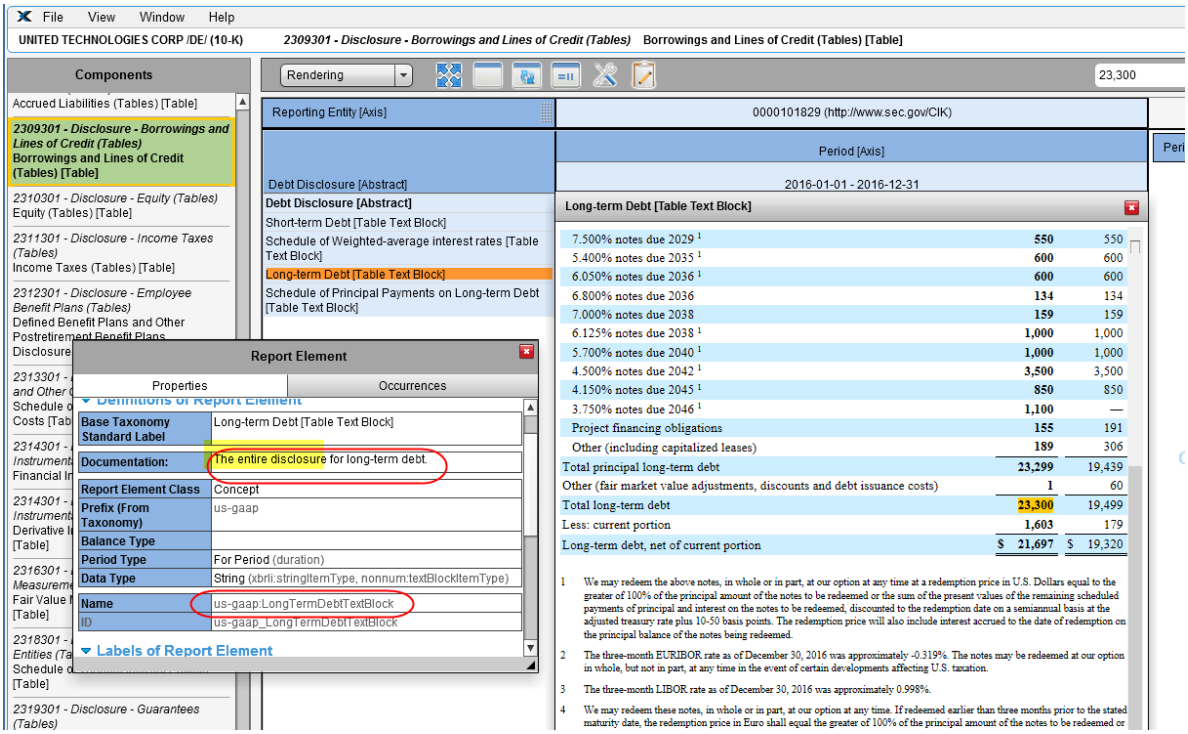
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_179_Consistent.html



UNITED TECHNOLOGIES CORP /DE/ (Workiva) (PWC) (Long term debt instruments)

http://www.sec.gov/Archives/edgar/data/101829/000010182917000007/0000101829-17-000007-index.htm

This is an error. If you look at the US GAAP XBRL Taxonomy, you can clearly see that the concept that UTC used to represent a Level 3 Disclosure Text Block is MEANT to be used to represent the "entire disclosure", the Level 1 Note Text Block.



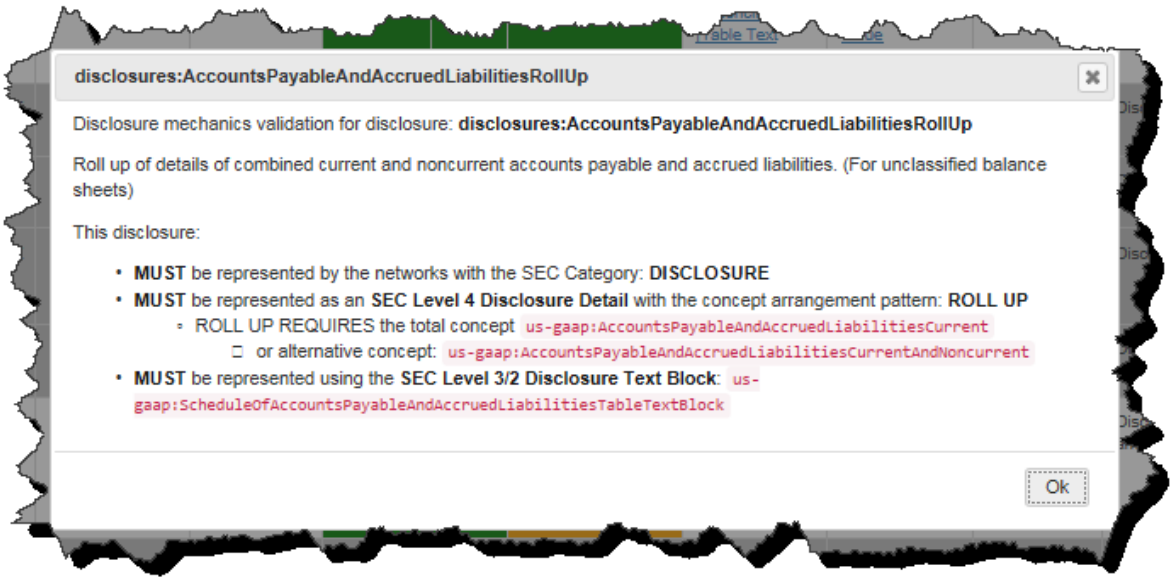
VERIZON COMMUNICATIONS INC (RR Donnelley) (EY) (accounts payable and accrued expenses)

http://www.sec.gov/Archives/edgar/data/732712/000119312517050292/0001193125-17-050292-index.htm

You could probably make a pretty good argument that this is not an error; but it is certainly not a best practice either. Fundamentally, this boils down to whether you have a "presentation" or document-centric orientation or a "representation" or data-centric orientation. How do you WANT this to work???

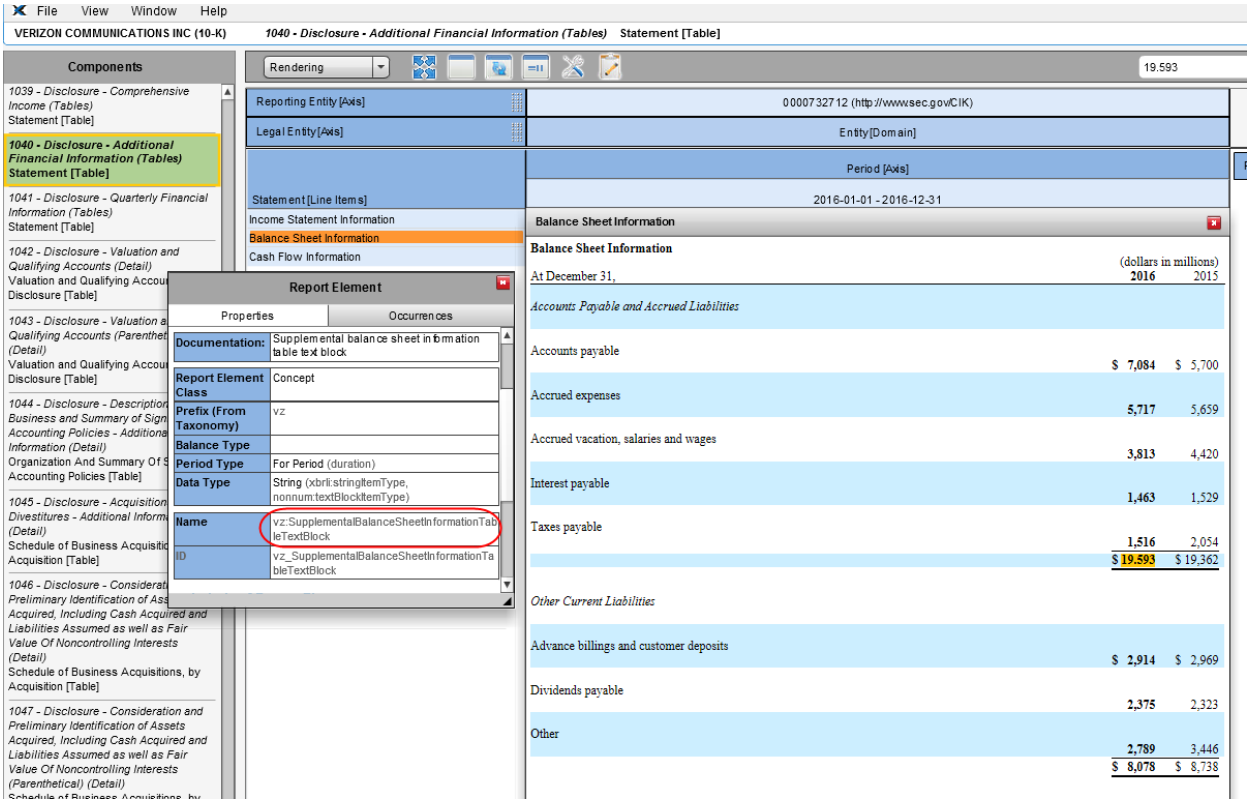
Here are 39 examples of how others represented "accounts payable and accrued expenses". I cannot tell if the Level 3 Disclosure Text Block is intended for ONLY Current or current + noncurrent:

http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_543_Consistent.html

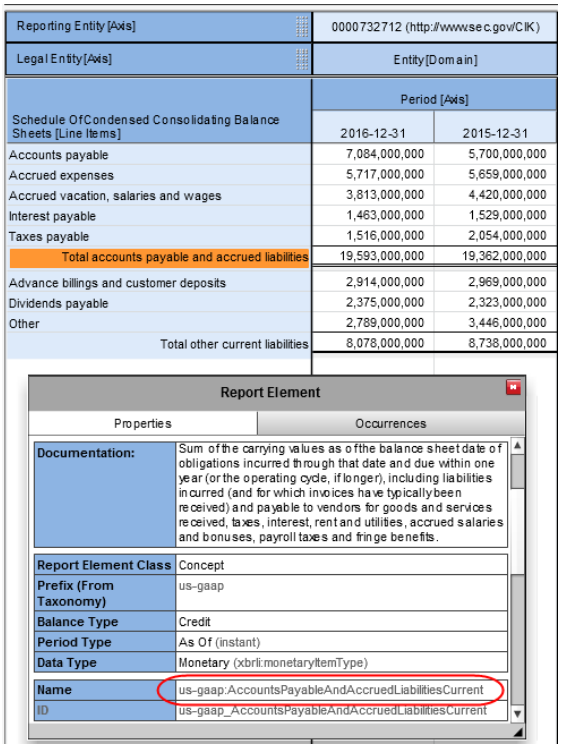


But here Verizon grouped TWO roll ups and created an extension concept for that group. There is no way that this should need to be an extension concept.

Level 3 Disclosure Text Block: (Groups two different roll ups together)



Level 4 Disclosure Detail: (this is not a problem, easy for a machine or a human to read)



WALT DISNEY CO/ (Workiva) (PWC)

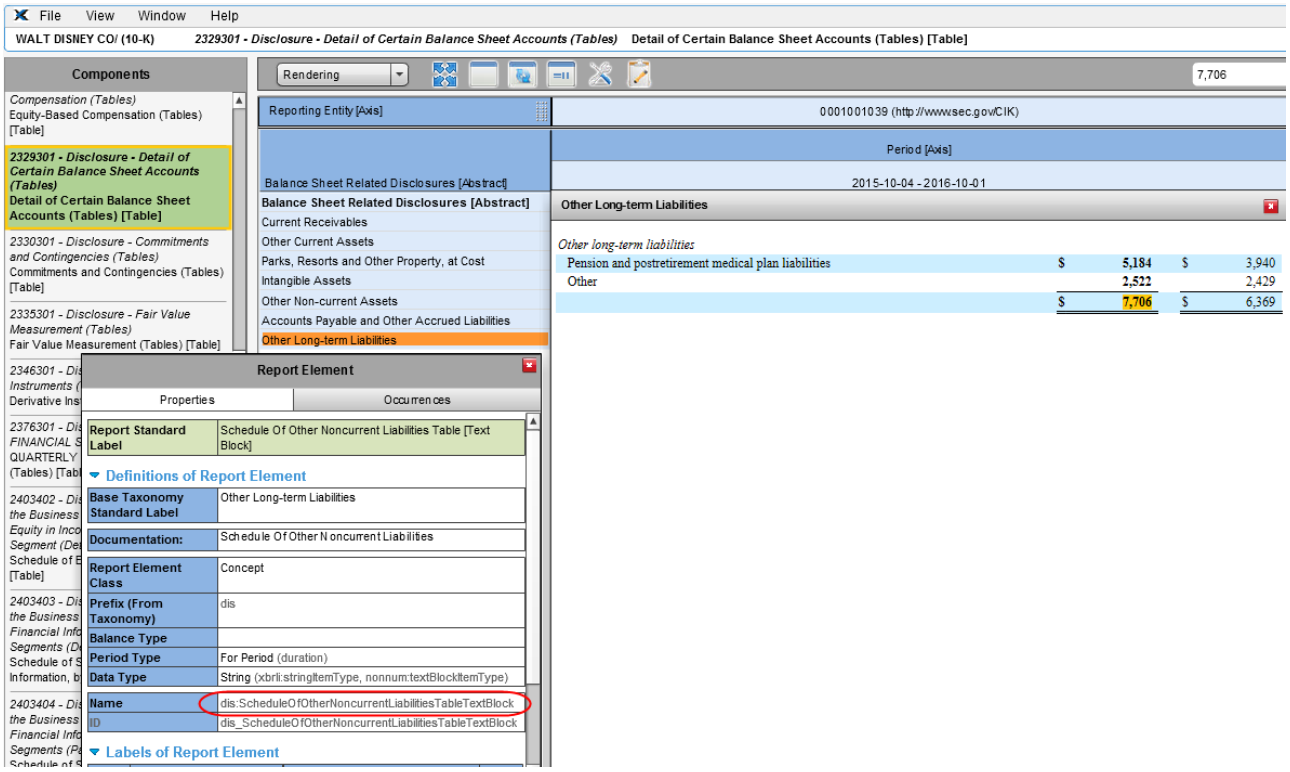
http://www.sec.gov/Archives/edgar/data/1001039/000100103916000516/0001001039-16-000516-index.htm

Here are 85 BEST PRACTICE examples for other noncurrent liabilities where the Level 3 Disclosure Text Block used is “us-gaap:OtherNoncurrentLiabilitiesTableTextBlock” and the corresponding Level 4 Disclosure Detail roll up total is “us-gaap:OtherLiabilitiesNoncurrent”:

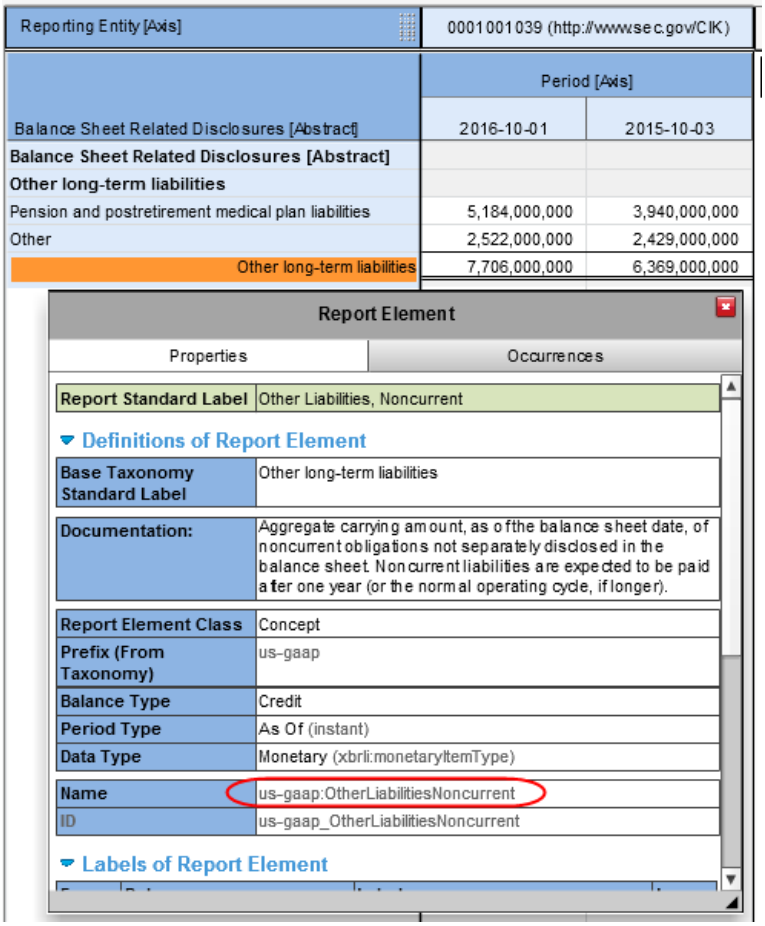
http://www.xbrlsite.com/site1/2017/Prototypes/DisclosureAnalysis/All/Index_940_Consistent.html

This is clearly an inappropriate extension concept used to represent this Level 3 Disclosure Text Block:

Level 3 Disclosure Text Block (uses extension concept):



Level 4 Disclosure Detail:



Reporting Entity [Axis]	0001001039 (http://www.sec.gov/CIK)	
	Period [Axis]	
Balance Sheet Related Disclosures [Abstract]	2016-10-01	2015-10-03
Balance Sheet Related Disclosures [Abstract]		
Other long-term liabilities		
Pension and postretirement medical plan liabilities	5,184,000,000	3,940,000,000
Other	2,522,000,000	2,429,000,000
Other long-term liabilities	7,706,000,000	6,369,000,000