Version 6 DQC Release

# Overview

The version 6 release of the DQC rules is significantly upgraded from version 5 to handle the following changes:

1. The release of IFRS rules
2. The Changes in the US GAAP taxonomy for SRT
3. The changes in the allowable use of axis because of the SRT changes
4. Additional non-negative items added in 2018
5. Addressing issues in prior rules

# Non-negative Items

Previously a single list of non negative elements was provided that couldn't have a negative value. These were provided as a csv list. However, with the addition of the SRT taxonomy, items that were identified as non-negatives got moved from the US-GAAP taxonomy to the SRT taxonomy. In addition, these non-negative items now also apply to IFRS filings. To cater for this the list of non-negative items has been separated into 3 files with the V6 release which correspond to taxonomies.

1. US GAAP non negs
2. SRT non negs
3. DEI non negs

In the next release non-negatives will also be added for IFRS.

For the DEI and SRT list a prefix of dei or srt is used, whereas the US GAAP does not have a prefix. If no prefix is used it is assumed to be US GAAP. In Version 7 IFRS non-negatives will also have no prefix as it is not expected that IFRS and US GAAP taxonomies would ever be filed together as they are today.

## Taxonomy Specific Lists

Previously the non neg list was a single list that applied to all taxonomies. This meant there would be items in the non-negative list that had been deprecated years ago. With this release there is a distinct non-negative list that is specific to a given taxonomy version. This means the non-negative list will only include items that are actually included in the taxonomy.

When users use the rules the ruleset used should be determined based on the taxonomy used for the filing. For example if the filing uses the 2018 taxonomy the US-GAAP non-negative list for 2018 should be used as well as the SRT non-negative list and the dei non-negative list.

Alternatively, if the 2017 taxonomy is used by a filer the US-GAAP non-negative list for 2017 should be used as well as the dei non-negative list. The SRT list is not used as this can only be used for 2018 taxonomies and thereafter.

In the reference implementation this is all handled automatically and requires no interaction from the user.

## Updates to Non Neg items

The element EquityMethodInvestmentSummarizedFinancialInformationMinorityInterest was removed from the non neg list as this can be negative in limited cases.

# Dimension Members

## DQC 0001

Updated for the 2017 and 2016 rule set to allow an extension for the element FairValueInputsLevel12And3Member as this was added to the 2018 taxonomy.

Previously the following domain members were on the legal entities axis for the 2017 taxonomy ConsolidatedEntitiesMember and EquityMethodInvesteeMember. These now will generate errors as they are no longer in the US GAAP taxonomy as children of the Legal Entity Axis.

Added the extension element *OperatingSegmentsExcludingIntersegmentEliminationMember* to the *ConsolidationItemsAxis* on 2016, 2017 & 2018 taxonomies as an allowable extension to capture the situation where you have a total of operating segments prior to intercompany elimination and reconciling differences. The operating segment member includes internal revenue whereas this excludes it. It is not the default because it it excludes reconciling amounts. If you add reconciling revenue you get the default value of revenues for example.

## Default Members Tagged with Values

A new rule has been added to identify those instances where a value is tagged with the default member of the axis in the US GAAP taxonomy.

### Impact

This impacts over 5,000 facts reported in the last year. This includes the portion at fair value that is defined as the default but is not the domain. Excluding this item there are 2,793 facts impacted for 173 companies.

## Cash Flow Rules

Updated the cashflow rules to be more restrictive when identifying which tree represents the cash flow. The logic to identify the cash flow statement will be updated to the following:

1. The link role definition includes the string “- Statement” and
2. The presentation link role uri excludes the case insensitive string “parenthetical” and
3. The extended link role for the presentation tree contains the abstract element StatementOfCashFlowsAbstract ~~or if this is absent~~ and
4. The presentation extended link role uri contains the case insensitive string “cashflow”. I.e., “<http://abc.com/role/StatementOfCashFlows>”

## IFRS Changes

The DQC rules will be updated to support the DEI rules that affect IFRS filings. The following rules will be amended to support IFRS filings:

* DQC\_0006 – DEI and Block Tag Date Contexts
* DQC\_0008 – Reversed Calculations
* DQC\_0033 – Document Period End Date Context
* DQC\_0036 – Document Period End Date Context/Fact Value Check
* DQC\_0041 – Axis with a Default Member that Differs from the Taxonomy

### Changes Made:

The proposed IFRS rules will run separately from US GAAP Rules as a set of IFRS rules that can be expanded over time. The rules will run using the same plugin code.

The rules have been update to support the FASB Shared Reporting Taxonomy (SRT)

For rule 0041 the rule has an exception to account for the change to the axis for Continuing Operations and Discontinued Operations. The default member was changed from the total of continuing and discontinued operations member to continuing operations member in the 2018 taxonomy. DQC\_0041 for IFRS allows either to be used as a default member using the 2017 taxonomy.