Date: 27-June-2008

Schema Changes

This is a list of changes to the XML between the Content Recognition Rules draft release 1.0 and the official release numbered 1.1.1. It is only a list; for details please refer to the 1.1.1 specification document.

Changes to RuleList element:

- Change value of RuleList.revision attribute from 0 to 1
- Remove OriginalAssetName and OriginalAssetID elements
- Rename RuleSetName element to RuleListName
- Add RuleListCreationTime element
- Add RuleListID element
- Rename RuleSetValidDuration element to RuleListValidDuration
- Remove Group element
- Add SiteConcerned element
- Add AssetList element
- Rename Rules element to Rule

Add Asset element definition

Changes to Owner element:

- Add OwnerDomain element
- Add EmailTakeDownNotification element
- Add EmailReportToOwner element
- Add Email Quarantine element
- Add EmailLeaveUp element
- Add EmailConflicts elements
- Add EmailLog element

Add TimeCodeRange element definition and supporting utility types.

Changes to Rule element

- Note: there is a typo in the specification: The Rule.name and Rule.priority attributes should be lower case, and are so in the schema.
- Add IncludeSegments element
- Add ExcludeSegments element

Changes to Simple Action elements

- Add Log.assertOwnership attribute
- Add ReportToOwner.assertOwnership attribute

Changes to Complex Action elements

- Add TakeDown.assertOwnership attribute
- Add LeaveUp.assertOwenrship attribute
- Amend definition of LeaveUp.ExpiryActions to exclude the LeaveUp action; see Schema Notes below.
- Rename DontProvide element to Quarantine
- Add Quarantine.assertOwnership atribute
- Remove Replace element
- Add AlternateContent element

Changes to Notification element

- Rename RuleSetName element to RuleListName
- Rename RuleSetValidDuraiton to RuleListValidDuration
- Add RuleListCreationTime element
- Add RuleListID element
- Remove OriginalAssetID element
- Remove OriginalAsssetName element
- Add Asset element
- Add SiteConcerned element
- Add IncludeSegments element
- Add ExcludeSegments element
- Rename Originator.Country attribute to Originator.country

The attributes, elements, and mechanisms described in the Templates section of the specification are all new.

Schema Bug Fixes since 1.0

- The version and revision attributes of Notification.RuleListName were mistakenly mandatory on 1.0 schema; 1.1.1 corrects this and makes them optional.

Implementation Considerations

Changed semantics of group membership for ISAN and URI types

Added recommendations on reporting ingestion status (section 4.4)

The schema forces the order of the fields in a RuleList, and AssetsWithTemplate, though not in a Notification.

Schema Notes

The current schema does not enforce the exclusion of LeaveUp from LeaveUp.ExpiryActions. This exclusion should be explicitly enforced by systems that generate or ingest rules, without relying on the schema. A future release of the schema will include this constraint.

All segments MUST be specified in the form HH:MM:SS:FF@ff – no shorthand, no exceptions.

The current schema does not enforce version/revision numbering as required by the specification.

The current schema does not properly enforce the mapping between ID types and the values of the ID elements.

The current schema does not enforce the format of a UUID for templates. Ideally, tools that emit rules and systems that ingest them will enforce this; the next version of the schema will enforce it.

Examples

The **examples** directory has correct and schema-validated versions of the examples in sections 6.1 – 6.7 of the specification.

The **extra** directory has the ISAN and Coral schemas, to work around the problems some XML tools have with firewalls. isan.xsd has been modified from 'orig isan.xsd' for the same reasons.