

RETS Change Proposal 64

Omnibus Adopted Schemas Revisions and Errata

Information

Change Proposal Number: 64

Change Proposal Title: Omnibus Adopted Schemas Revisions and Errata

Originating Workgroup: Schema

Date: March 31, 2008

Version: 1.0.0

RETS Version: Data Schemas

Status: New

Submitted Date: March 30, 2008

Voting Date:

Contact Information

Author: Paul Stusiak

Organization: Falcon Technologies Corp.

Telephone:

E-mail: pstusiak@falcontechologies.com

Synopsis

The change proposal modifies the adopted schemas as of the April 2008 trimester meeting to resolve some issues discovered in implementations of the schemas and to better describe the intent of the schemas through renaming of certain elements.

Rationale

The change proposal provides clarifications and corrections to the existing schemas.

Proposal

The following schemas are to be modified:

Offices.xsd,
Members.xsd,
Teams.xsd,
Person.xsd,
ContactMethods.xsd,
Address.xsd.
Financial.xsd,
Listings.xsd.

The modifications are as follows.

Offices.xsd and Members.xsd - change the name of the element from `MLSLicensing` to `ProfessionalLicensing` and the type from `RELicense` to `ProfessionalLicenseType` to reflect the more general use of licensing to include appraisers and auction.

Offices.xsd and Members.xsd - make consistent use of the cardinality `maxOccurs` on each element to remove ambiguity by explicitly showing the cases of `maxOccurs="1"`. `maxOccurs="1"` is the default, therefore the change in this case creates no functional difference.

Members.xsd - change the `ModificationTimestamp` element to be required to match the other top level schema.

Members.xsd - add the missing `retsid` values for the enumeration `MLSMembershipStatusEnum`.

Members.xsd - add `MembersMediaItems` element to provide media for members.

Members.xsd – add a container for `EligibleRoles` and a string for a list of `BillingCodes`.

Offices.xsd - change the type definition `nrds:OfficeType` to `nrds:OfficeCategory` in `NRDSCommons` to resolve an ambiguous reference error in certain parser-generators that may be used with the schema to validate and/or generate instances or code stubs. This also makes the archetype more consistent with the general pattern that complexTypes take the ending 'Type' while elements that describe the classification of the concept take the ending 'Category'.

Offices.xsd - rename `Media` to `OfficeMediaItems` to be consistent.

Teams.xsd - add `TeamMediaItems` element to provide media for teams.

Person.xsd - resolve a `retsid` conflict with `retsid=100016` being repeated twice in the document. Change the second instance of the `id` on element `ContactMethods` to `101612`.

Address.xsd - move the `unit` type out of the sequence to stand alone at the same level as `City` and `ProvinceOrState` at the request of the Syndication workgroup. Change the type definitions

to use the pattern of 'Type'.

Address.xsd - correct the missing retsids for the AddressCategoryEnumeration.

ContactMethods.xsd - correct the missing retsids for the enumerations. Financial.xsd - resolve a retsid conflict with retsid=101280 being repeated twice in the document. Change the second instance of the id on enumeration Other - Federal to 101604.

Financial.xsd - resolve a retsid conflict with retsid=100161 - 100163 being repeated twice in the document. Change the first instance of the id on elements of ClosingFinancingType to 101604.

Listings.xsd - resolve a retsid conflict with retsid=100384 being repeated twice in the document. Change the second instance of the id on element ClosingTerms to 101597.

Listings.xsd - resolve a retsid conflict with retsid=100359 being repeated twice in the document. Change the first instance of the id on element Financing of type ClosingFinancingType to 101598.

Impact

For each of the changes that involves a retsid or documentation change, there should be no impact. For changes that rename existing fields or restructure the sequence of fields, the impact will be minor to medium if the schema has been used to generate code stubs. If the schema has not been used to general code, the impact should be minor.

Compatibility

The changes may break compatibility when mapping between existing implementations of the schema and applications that depend on those schemas. Given the small number of implementations of the schema, the changes should be broadly compatible.

Document History

| Date | Version | Author | Description |
|-------------|----------------|---------------|--------------------|
| 2008-03-29 | 1.0 | Paul Stusiak | Initial Release |
| | | | |
| | | | |
| | | | |