

Data Dictionary Workgroup Meeting



2017  **RESO™ TECHNOLOGY SUMMIT**
ORCHESTRATING COLLABORATION & INNOVATION

SPEAKER

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Agenda

- **PropertyUniqueID**
- **Broker Data Needs**
- **Structure Type**
- **Showing Resource**
- **Repeating Element Resource Additions**
- **Collection Data Type**
- **Structures from OData and support in DD**
- **Review 1.6 Rules Vote**
- **Review 1.6 Finalization**
- **Review 1.7 Plans for 2017/2018**

PropertyUniversalID

- PropertyUniversalID is a 128 character String field added to the Property resource to support the PUID Workgroup's initiative to create a unique ID for all properties in the US and Canada, with the rest of the world in sight.

Workgroup Vote

Broker Data Needs

- Not Typical MLS Data
 - Buyer and Seller Details
 - Contacts: Agents, Attorneys, etc.
 - Service: Insurance, Warranty, Title, Mortgage Contacts/Info
 - Financial: Fees, Commissions, Deposits, etc.
 - Dates, Use, Sign, etc.
- Broker Software Vendors
- Confluence Posts under Data Dictionary
- Special Workgroup Meetings

Structure Type

Common Interest

- Ownership

Property Sub Type

- Consumer Terminology
- What's for Sale

Structure Type

- Overall Structure

Structure Type

House
Townhouse
Manufactured
House
Duplex
Triplex
Quadruplex
Multi Family
Mixed Use

Cabin
Dock
Industrial
Warehouse
Hotel-Motel
Office
Retail
Flex
None

Workgroup Vote

Showing Resource

- Worked with ShowingTime and Centralized Showing Service (CSS)
- New Resource Expresses Appointment
- Relates a Scheduled Showing to the Showing Agent and Listing
- Vote on Posted Resource
- Other Business Cases?

Showing Resource

Workgroup Vote

Repeating Element Resources

PropertyGreenVerification

PropertyPowerProduction

PropertyRooms

PropertyUnitTypes

MemberSocialMedia

MemberOtherPhone

OfficeSocialMedia

ContactsSocialMedia

ContactsOtherPhone

TeamsSocialMedia

OID OrganizationSocialMedia

Repeating Element Example

PropertyRooms

RoomKey

RoomKeyNumeric

ListingId

ListingKey

ListingKeyNumeric

ModificationTimestamp

RoomType (Single Select)

RoomArea

RoomDescription

RoomFeatures

RoomLevel

Etc...

Repeating Elements

Workgroup Vote

Collection Data Type

A complex data type that references a collection or container of data items that have a shared relevance. Collections can be lists, sets, queues, dictionaries, etc. The common use in the RESO Dictionary is to show the relationship from a parent table, the location of the collection field, to a sub-table (child resource).

GreenBuildingVerification	A collection of verifications or certifications awarded to a new or pre-existing residential or commercial structure. For example: LEED, Energy Star, ICC-700. The collection includes information about the type, year, rating and other details about the awarded performance verification.
PowerProduction	A collection of the types of power production system(s) available on the property. The collection includes the type of system and other details about the power produced and age of the system.
Rooms	A collection of types of rooms and details/features about the given room.
UnitTypes	A collection of types of units included in the income (multi-family) property. The collection includes a type, beds, baths and other aspects of the type of unit behind described.

Collection Data Type

Workgroup Vote

Structures from OData

Data Dictionary, Business Needs Came First

What will OData and/or Technology in General Need from the Data Dictionary in the Future?

Hierarchical / Schema / Normalized / Relational / Utility / etc.

Event Catalogue Discussion in Progress

Special Characters and Numbers in OData

Send Ideas to R&D Workgroup

1.6 Rules

Posted to Confluence:

<http://members.reso.org/display/DDCTR8/Data+Dictionary+Certification+Testing+Rules+v1.6.0+Draft>

Change Log (Δ 1.5 to 1.6)

<http://members.reso.org/display/DDCTR8/Change+Log>

Done In Time for DD 1.6!

1.6 Rules

3.2 Certification Level Testing Rules

Added new sections to the page with accompanying text (not separate numbered sub-sections):

"Data Dictionary Resource Compliance Testing"

"Combining Resource and Field Compliance Levels"

"Minimum Certification Requirements Timeline"

3.2 Certification Level Testing Rules

Adding multiple "REQ-DD160" identifications (CR-1 & CR-2) to the paragraphs to better track the requirements. Notes renumbered to match new IDs.

Added REQ-DD160-CR-3 to address resources without Core or other lower-level compliance levels. (For example, HistoryTransactional and SavedSearch Resources do not have CORE or BRONZE level-fields.)

3.3 Certification Levels Field Count Summary (No Link)

Page Deleted: Visit <http://ddwiki.reso.org/> for detailed information on all Data Dictionary versions

Workgroup Vote

Data Dictionary 1.6 Finalization

100% of BOD List

- Gold Level Field Enumerations
- Internet Tracking Resource
- Common Interest / Ownership
- Prospecting / Portals
- Showing Data
- Accessibility

Additional Items

- Repeating Element Resources
- Pending Enumerations
- Definition Improvements
- Length Corrections for Dates
- Commercial PropertySubType
- <http://ddwiki.reso.org/display/DRAFT/Change+Log+Summary>
- Collection Data Type?
- Structure Type?

Data Dictionary 1.6 Finalization

Workgroup Vote

Plans for Data Dictionary 1.7

- Spring of 2018
- Platinum Enumerations
- Carts / Watched / Lists
- Broker Data
- Rules
- Kill Resource
- Industry Participation via Wiki
- OData / Technology Requirements
- **Bring your ideas into the DD Workgroup!**

Days On Market

“Days on Market is the number of days of marketing it took to find the buyer”.

$$\text{DOM} = (\text{OMD} - \text{PCD}) - (\text{ToM in } [\text{PCD}, \text{OMD}])$$

The number of days of marketing it took find the buyer are determined by when marketing of the property began, the initial On Market Date (OMD), and when the purchase contract was executed with the buyer, the Purchase Contract Date (PCD). The difference between the initial On Market Date (OMD) and the Purchase Contract Date (PCD) are considered a “simplified days of marketing”. To determine the actual time of marketing, any Time Off Market (ToM) between the initial On Market Date (OMD) and the Purchase Contract Date (PCD) should be subtracted from the simplified days of marketing to reach the number of Days on Market (DOM).

WHEN? HOW? WHERE? WHO? WHAT? WHEN? WHERE? WHAT? When? WHERE? HOW? WHEN? What? Where? What? When? What? When? WHERE? HOW? WHEN? What? When? Why? WHEN? When? WHERE? When? Why? HOW? Why? WHAT? When? What? WHEN? Why? WHERE? When? HOW? When? Why? HOW? What? WHEN? Why? WHERE? When? HOW? When? Why?

ANY QUESTIONS?

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Don't forget to take the session survey in the conference app!