



RESO[®]



2018 Spring Technology Summit

Data Dictionary Workgroup



Rob@crmls.org

Agenda

- **DD 1.7 Review**
- **El Diccionario en Español**
- **Platinum Enumerations**
- **Room & Interior Features**
- **Member Access Grant**
- **Days on Market**



DD 1.7 Goals

- **Platinum Enumerations**
- **Rules Resource**
- **Queue Resource**
- **Broker Data**
- **Lockbox Data**
- **AMS Data**
- **Social & Phone Collections**



DD 1.7 Done

- **Platinum Enumerations**
- **Rules Resource**
- **Queue Resource**
- **Social & Phone Collections**
- **Universal Property Identifier Update**
- **Standard Names in Spanish**



DD 1.7 In Progress

- **Days on Market**
- **AMS (Member, Office, AOR)**
- **Lock Box**



Broker Data

We Need to...

- **Identify the Needs**
 - Brokers**
 - Broker System Vendors**
- **Get Metadata Submissions**
 - Workgroup Volunteers**



DD 1.7 Timing

Summer Board Meeting (August)



Ideas for DD 1.8 or R&D

Photo Metadata and the ADA
Transaction Management
Tax / Property
Showing Schedule
Data Replication (Transport)
Analytics (Common Stats)
Robust Synonyms
Additional AMS



What would you like to work on?



El Diccionario en Español

The Goal

Translate all Standard Names to Castilian Spanish
Involve Spanish Speaking Realtors
Publish as an attribute in DD 1.7



The Realtors

National Association of Hispanic Real Estate Professionals (NAHREP.org)



El Diccionario en Español

The Team

- **Patrick Williamson, MFRMLS**
- **Greg Moore, RMLS**
- **David Blake, NTREIS**
- **Gordon Johnson, Stan Martin, Krisia Velez & James Yanz, ABOR**
- **Mike McKay, GEPAR**
- **Rob Larson, CRMLS**



El Diccionario en Español

Discussion & Vote



Platinum Enumerations

Done:

- **23 Fields**
- **749 Enumerations**

To Do:

- **Discuss and Vote on Definitions**
- **Post to Draft Wiki (May)**
- **Rooms & Interior**



Enumeration Definitions

Posted to Confluence

Questions / Discussion

Vote for Adoption



Room & Interior Features

Problem

- High Level of Overlap
- Difficult or Overcomplicating to Divide
- Systems that Don't Have Both Fields



Suggestion

- Common Lookup Group



Room & Interior Features

Beamed Ceiling(s)

High Ceiling(s)

Tray Ceiling(s)

Coffered Ceiling(s)

Cathedral Ceiling(s)

Vaulted Ceiling(s)

Crown Molding

Cedar Closet(s)

Walk-In Closet(s)

His and Hers Closet(s)

Bookcases

Built in Features

Natural Woodwork

Storage



Room & Interior Features

Granite Counters
Tile Counters
Laminate Counters
Stone Counters
In-Law Floorplan
Open Floorplan
Entrance Foyer
Master Downstairs

Recessed Lighting
Track Lighting
Solar Tube(s)
Bidet
Double Vanity
Soaking Tub
Sauna
WaterSense Fixture(s)
Low Flow Plumbing Fixtures



Room & Interior Features

Bar
Dry Bar
Wet Bar
Breakfast Bar
Eat-in Kitchen
Pantry
Kitchen Island

Ceiling Fan(s)
Chandelier
Central Vacuum
Dumbwaiter
Elevator



Room & Interior Features

Smart Home
Smart Thermostat
High Speed Internet
Wired for Data
Wired for Sound
Sound System
Other
See Remarks

Strike?
Furnished
Unfurnished

Furnished Field (Lease)

- **Furnished**
- **Unfurnished**
- **Partially**



Room & Interior Features

Posted to Confluence

Questions / Discussion

Vote for Adoption



Access Grant

A Field to Reflect in Member Roster

- Simple Flat List
- Supports The LIM Example (Upstream & Others)
- MemberAccessGrant
- Multi-Select List

Resource(s) to Express Grants

- Not just LIM or Particular Applications, but all levels of services and abilities.



Days on Market

- **Survey(s)**
- **Define the Major Types**
- **Communication via Field Names?**



Days on Market

- **When it Starts**
- **When it Pauses**
- **When it Ends**
- **Listing vs Property**
- **On Market vs Off Market**
- **Contractual & Activity Dates vs System Timestamps**



Days on Market

- **Simple DOM**
- **Days in MLS / Timestamp DOM**
- **Contractual DOM**
- **Hybrid DOMs**



DOM Discussion

DOM

DOM

DOM

DOM

DOM

DOM

DOM

DOM



Participation

Considerations:

Your Available Time

Value to your Organization

Represent your Vernacular



Using the DD Wiki

Any one can...

- **Ask Questions**
- **Propose Change**
- **Help Write Definitions**



Data Dictionary Wiki

Production, currently v.1.6

<http://ddwiki.reso.org>

Accessible to All

Draft, currently v.1.7

<http://ddwiki.reso.org/display/draft>


RESO Member Login Required





RESO Wiki

For the wiki, <http://ddwiki.reso.org>
Select the current versions (older versions are below on that first page)

 Data Dictionary 1.6 has just been approved and released for public view

The [Data Dictionary 1.6 Wiki](#) can be found [here](#).

The RESO Data Dictionary 1.6 has been approved (Aug 4, 2017) and now the official most current and up to date RESO Data Dictionary version. Previous versions are listed below.





- Once in the current version:
1. Check out the introduction and Terms & Definitions pages to learn more about the dictionary.
 2. use the search at the top right, or expand the hierarchy below the search to view fields in categorized groups.



The screenshot shows the RESO Data Dictionary Wiki v1.6 interface. At the top left is a search bar with a 'Search' button. Below it is a navigation menu with a list of categories, each preceded by a right-pointing chevron: Data Dictionary v1.6 Introduction, Property Resource, Property Type Summary, Member Resource, Office Resource, Contacts Resource, ContactListings Resource, ContactListingNotes Collection, Media Resource, HistoryTransactional Resource, InternetTracking Resource, OpenHouse Resource, OUID Resource, PropertyGreenVerification Collection, PropertyPowerProduction Collection, PropertyRooms Collection, PropertyUnitTypes Collection, Prospecting Resource, SavedSearch Resource, Showing Resource, TeamMembers Resource, Teams Resource, and Lookup Fields and Values. On the right side, the page title is 'RESO Data Dictionary Wiki v1.6' with a small RESO logo and a three-dot menu icon. Below the title is the text 'Created by RESO DD Workgroup, last modified by Robert Gottesman on Aug 07, 2017'. A secondary search bar is located below the title. A green-bordered box contains a welcome message: 'Welcome to the RESO Data Dictionary Wiki' followed by a paragraph of introductory text and a link to 'Data Dictionary v1.6 Introduction'. Below this is the text 'Data Dictionary 1.6 Approval Date: August 4, 2017'. At the bottom of the page, the heading 'The best way to get started' is followed by a paragraph of instructions on how to navigate the site, including a link to 'Data Dictionary Terms and Meta Definitions v1.6'.



RESO Wiki – Questions & Comments

At the bottom of every definition page, there is a “Questions/Comments?” button.



After completing the subsequent form, information about the field or enumeration page you were on when you clicked “Questions/Comments” along with any other info you type will be sent into RESO for review by the Data Dictionary Workgroup.



Please fill in your info and your feedback:

Your Name: *

Your Email: *

Your Organization:

Your Phone:

Subject: *

Your Message: *



Confluence

Members can...

- **Ask Questions**
- **Participate in Discussion**
- **Propose Add/Change/Delete**



<http://members.reso.org>

RESO Member Login Required





Confluence



The RESO Workgroup Collaboration System, aka “Confluence”, requires RESO membership and a login. <http://members.reso.org>.

After login, select Data Dictionary from the navigation options on the right hand side.



Navigate Between Workgroups

- Board Liaison Committee
- Broker Advisory Group
- Data Dictionary
- Event Catalog
- Internet Tracking





Scroll down the page to see the workgroup discussion topics:

Status	Topic	Author	# of Replies	Last Activity Date
	OfficeBrokerMlsId Definition Update	 Rob Larson	0	Mar 22, 2018
	Queue Resource	 Rob Larson	8	Mar 15, 2018
	MemberStateLicenseState	 Gayle Ludemann	28	Mar 15, 2018



- You can start your own topic, or ask Rob, or RESO staff, for assistance starting a topic.
- If you have more than one topic, a separate entry is required for each topic.
- Before adding any subject to the workgroup meeting agenda, that topic must first be added to Confluence.



Confluence - Collaboration

Come to Confluence regularly to review and participate in the on line discussions by adding your own notes/comments.



David Williamson

For FMLS, this would be more inline with who, in addition to the listing agent, would have access to edit the listing as well as view data that only the listing agent is able to see (i.e. expiration date). This person may not be the co-list, but more of a team assistant who handles listing data for a team of agents.

Reply • Like • Jan 25, 2018



Rob Larson

You could use this field to make that distinction in your rules. We're looking at using it for rules/security around the team members in addition to it being a simple label about the individual's role.

Reply • Edit • Delete • Like • Feb 01, 2018



Liz Tewksbury

For those teams who have member that wear multiple hats, or perhaps don't divide specific responsibilities in this manner perhaps a generic option of simple "Member" would be a good addition.

Reply • Like • Feb 02, 2018



Rachel Wiest

I agree with Liz. Folks on teams often share tasks and take turns. The generic member seems most realistic for most teams in our market.

If you want specific names you could consider "Seller/Buyer Liaison"

Reply • Like • Feb 02, 2018



Write a comment...



Workgroup Navigation



On the left hand side, select “DD Call Agenda and Notes” to review the work and decisions made by the workgroup.

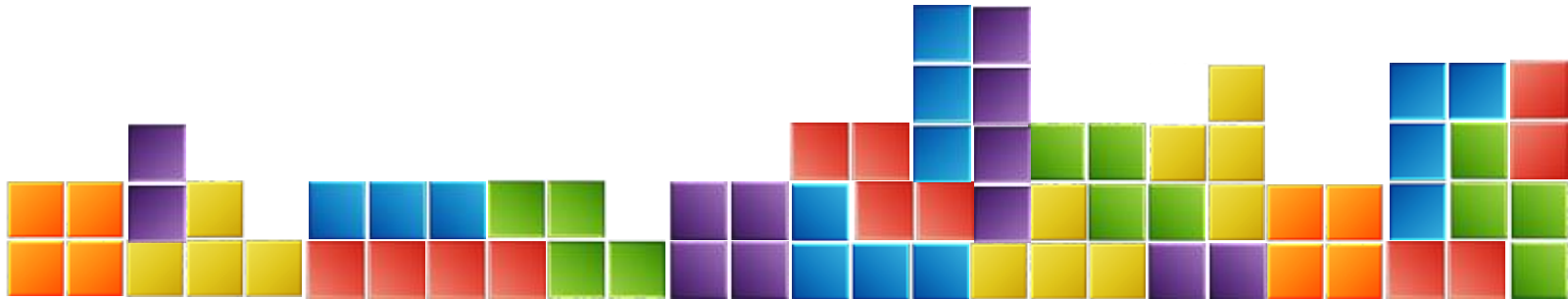
Navigate Current Workgroup

- › DD Call Agenda and Notes
- › DD Files
- DD Members
- › DD Tasks
- Real Estate Business Rules
- File lists





Q & A



Data Dictionary Workgroup



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