Rick Trevino VP of IT MetroList Services

Payloads

Workgroup

FALL 2018 CONFERENCE
WHY DOES THE IDX PAYLOAD WG EXISTS?

Real Estate Data is typically delivered as a package comprised of a set of data for a specific business need. The RESO Data Dictionary defines all the fields (specific characteristics) available to be included in a payload.

The Payloads Workgroup purpose is to define Payload Categories based upon Real Estate Industry business need and which fields are to be included in each Payload Category as specified within the RESO Data Dictionary.
AGENDA

• Major Milestones
• Use Case
• Why Does the IDX Payload Matter?
• IDX Payload Package
• BOD Action Items
• What Payload is Next
Major Milestones

November
IDX Payload Removed from 1.5 DD Testing Rules

June
Data Dictionary IDX Payload 1.5 tagging

June
Data Dictionary IDX Payload 1.6 Completed

March 2016
First WG Meeting

Nov 2016

June 2017

January
Initial 219 IDX Fields recommended by DD WG

March 2018
March
Data Dictionary IDX Payload 1.5 Completed

September 2018
September
Data Dictionary IDX Payload 1.7
USE CASE

- Small to Medium MLS
- Very Narrow IDX data set
  - 10 -20 Fields
- Requirement
  - Fixed Set
- Business Rules on fields
WHY DOES IDX PAYLOAD MATTER

IDX Vendor

Broker

MLS Vendor

MLS

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WHY DOES IDX PAYLOAD MATTER

**Broker**
- Accurate, timely and detailed property data
- Consistent Data stream across multiple markets’
- Improved efficiencies, reduced costs

**MLS**
- Requirement (Endorsement) of DD
- Prepare now, as your IDX feeds will need to be updated!

**MLS Vendor**
- Consistent Data stream
- Defined fields
- Develop functionality

**IDX Vendor**
- Consistent Data Stream

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**Tagged Fields**

249 (1.5 DD), 250 (1.6 DD), 252 (1.7 DD)

**Property Resources**

- 157 tagged as “Yes”, 219 possible fields (157/219)

**Other Resources**

- Office (25/45)
- Member (24/70)
- Open House (20/28)
- Media (22/34)

**Business Rules**

- Some fields are part of a “set”
- Each includes “Blank” and “Nullable” options
### IDX PAYLOAD 1.7 Worksheet

<p>| Standard Name | F | G | H | Notes       | I | J | K | L | M | N | O | P | Q | BUSO |
|---------------|---|---|---|-------------|---|---|---|---|---|---|---|---|---|-----|-----|
| BedroomsTotal | X |   |   | Approved 3/23/17 | X | X | X | X |   |   |   |   |    |    |IDX Blank|
| BodyType      | X |   |   | Approved 3/23/17 | X |   |   |   | X |     |   |   |    |    |IDX Blank|
| BusinessType  |   | X |   | Approved 3/23/17 |   | X |   |   |   | X |   |   |    |    |IDX Blank|
| BuyerAgentFirstName | X |   |   | Approved 3/23/17 |   | X |   |   |   | X |   |   |    |    |IDX Blank|
| BuyerAgentFullName | X | X |   | Approved 3/23/17 |   | X |   |   |   | X |   |   |    |    |IDX Blank|
| BuyerAgentLastName | X | X |   | Approved 3/23/17 |   | X |   |   |   | X |   |   |    |    |IDX Blank|
| BuyerAgentMlsId | X | X |   | Approved 5/25/17 |   | X |   |   |   | X |   |   |    |    |IDX Blank|
| BuyerOfficeMlsId | X | X |   | Approved 5/25/17 |   | X |   |   |   | X |   |   |    |    |IDX Blank|
| BuyerOfficeName | X | X |   | Approved 5/25/17 |   | X |   |   |   | X |   |   |    |    |IDX Blank|
| CarportSpaces  | X | X |   | Approved 5/25/17 |   | X | X |   |   | X |   |   |    |    |IDX Blank|
| City          | X | X |   | Approved 5/25/17 | X | X | X | X | X | X | X | X |    |    |IDX Blank|
| CloseDate     | X | X |   | Approved 5/25/17 | X | X | X | X | X | X | X | X |    |    |IDX Blank|
| ClosePrice    | X | X |   | Approved 5/25/17 | X | X | X | X | X | X | X | X |    |    |IDX Blank|</p>
<table>
<thead>
<tr>
<th>Set Requirement (Description)</th>
<th>Resource</th>
<th>Set A</th>
<th>Set B</th>
<th>Set C</th>
</tr>
</thead>
<tbody>
<tr>
<td>REQ-DD151-PEIDXSET-P02</td>
<td>Property</td>
<td>BuyerAgentFirstName AND BuyerAgentLastName</td>
<td>BuyerAgentFullName</td>
<td>(Select either Set A or Set B)</td>
</tr>
<tr>
<td>Buyer Agent Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REQ-DD151-PEIDXSET-P03</td>
<td>Property</td>
<td>CoBuyerAgentFirstName AND CoBuyerAgentLastName</td>
<td>CoBuyerAgentFullName</td>
<td>(Select either Set A or Set B)</td>
</tr>
<tr>
<td>Co Buyer Agent Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REQ-DD151-PEIDXSET-P04</td>
<td>Property</td>
<td>CoListAgentFirstName AND CoListAgentLastName</td>
<td>CoListAgentFullName</td>
<td>(Select either Set A or Set B)</td>
</tr>
<tr>
<td>Co Listing Agent Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2.6 Payload Endorsement Testing Rules

RESO has defined Payloads as "Any number of fields representing the payloads found in RESO transports."

A Payload Endorsement is an additional recognition (for those who have earned a Data Dictionary Certificate) demonstrating that a specific sets of fields are available in a data feed of the same name.

**NOTE 0-1:** A "certificate" refers to the whole Data Dictionary. An "endorsement" refers specifically to payloads. An applicant **MUST** receive a Data Dictionary Certification (at any level) **BEFORE** receiving an endorsement. An example could be an applicant receiving a "Data Dictionary 1.5.0 Gold Certificate with an IDX Payload Endorsement." When referring to the payload itself, it may be referred to as a "RESO Endorsed IDX Data Feed."

The following are requirements for **ALL** Payload Endorsements.

**REQ-DD151-PE-1:** The Payload Endorsement requires access to a transport data structure a feed with payload-specific permissions. Separate server credentials configured for the payload feed **MUST** be provided during the application process. The Payload Endorsement may be granted on any RESO Transport Standard eligible for Data Dictionary Certification.

**REQ-DD151-PE-2:** ALL Data Dictionary fields in a payload have one of three classifications that describes how the field should be presented and populated in the applicant's payload data structure:

1. **REQUIRED:** The field **MUST** be present and **MUST** be populated for all records returned using the payload data structure.
2. **BLANK:** The field **MUST** be present and **MUST** be populated for any listing where the data of the field exists. The field **MAY** be blank if the field is optional OR does not exist in system configuration.
3. **NULL:** The field **MUST** be present and **MAY** be populated for any listing based on organizational business rules or legal liabilities.
BOD Action Item

Extensible

- Review and update Endorsement Testing Rules
- Focus on Web API for IDX Payload
Technical Issues – Nulls representation

- Null out Binary or Yes/No
- Null out Numeric
NEXT Payload

• Back Office/Broker Feed
  • Review Resources
  • Confluence to send out Template to tag
  • Back Office/Broker Feed

• Items from the Floor
Payloads Workgroup

Meet every fourth Thursday 11-12 PDT

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Thank You!!