Spring Meeting 2014

Transport Workgroup

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Agenda

• What, why and how
• Where we are
• What we have to show for it
• What’s next
• Q & A
What, Why, How

• What
  – RESTful way to deliver real estate data
  – Web, mobile, social applications
  – Lightweight
  – Don’t re-invent the wheel

• Why
  – Easier for developers
  – Easier for MLSs

• How
  – Existing Standards
    • W3C, OData, OGC, OAuth
  – Existing Technologies
    • HTTP, XML, JSON
Where we are: Overview

• Standard Document Complete
  – http://members.reso.org/display/API/RETS+Web+API+v1.0.1

• Published, public review, comments
  – Public review from Nov 2013 – Feb 2014

• Revisions based on comments, questions
  – 1.0.1 version addresses comments/questions

• Minor clean-up
  – XSD and JSON updates
Where we are: Highlights

– Initial release:
  • Metadata Representation
  • Read Access / Standard Search
  • Geospatial Search
  • Hypermedia Representation
– API – OData v3
– Security – OAuth2

– Out of scope:
  • Create, Update, Delete functionality
  • A Data Replication Framework
  • Requesting Binary Media Resources
  • Updating Binary Media Resources
  • Saved Searches and Resources
What we have to show for it

- Three prototypes
  - UtahRealstate.com
  - MLS Listings
  - NAR / CRT - Mark Lesswing

- Demos tomorrow
What’s next for you

• Implementation
  – Check out documentation
  – See the demonstrations
  – Get involved with the workgroup
  – Raise your hand as an early adopter
    • Servers
    • Clients
What’s next for the group

• Create, Update, Delete?
  – Full edit capabilities (built into OData)

• Binary media?
  – Access, add, update, delete

• Data replication?
  – Storage + Real-time (recommended approach)

• Saved searches, listings, etc.
  – Recommended approaches
Q & A

Thank you!