



# Spring Meeting 2014

## Transport Workgroup

Matt Cohen, Matt McGuire,  
Scott Petronis

# 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!