RESO®

FALL 2019 Conference

Thinking in Shapes

The Future of Interoperability

Paul Stusiak (Falcon Technologies)

Josh Darnell (RESO)

Panelists

Mark Bessett (CRMLS) • Jon Druse (W+R Studios)

Chris Haran (MRED) • L.D. Salmanson (Cherre)

Speaker

Paul Stusiak

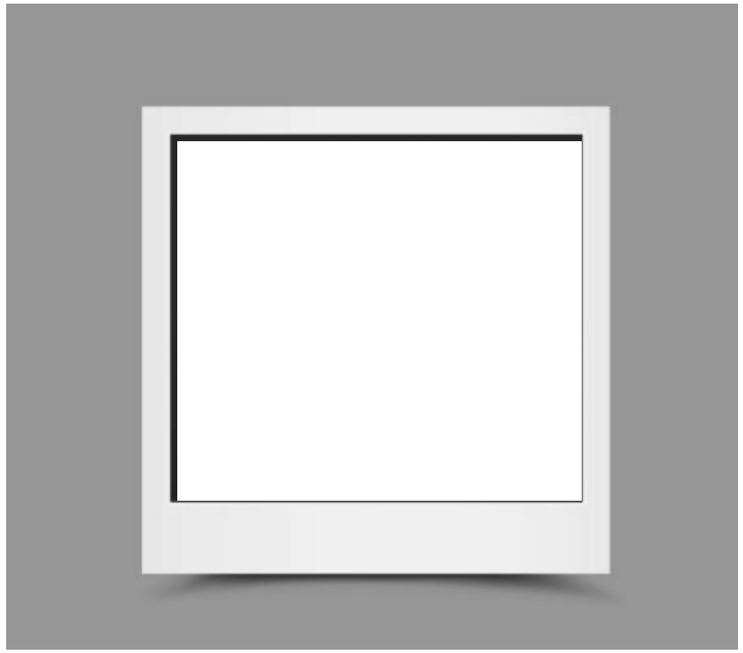
President, Falcon Technologies

Paul has been involved with RETS and RESO since 1999. He is the co-chair of the Transport Workgroup. His background is in Electrical Engineering.

Falcon Technologies provides development of real estate technologies and has worked on many different projects that deliver standards compliant systems on both the server side and on the client side.

pstusiak@falcontechnologies.com

Speaker



Joshua Darnell

Chief Architect, RESO

Josh has been involved with RETS and RESO since 2001. He has worked for large MLS Vendors, Real Estate Start-ups, and MLSs and Brokerages since 2000. His background is in Computer Science, Math, and Bioinformatics.

josh@reso.org

What Are Data Shapes?

Key to Interoperability

Currently, much variance exists among queries and data sets…

Integrations are slow and brittle and require lots of extra code!

Locale is challenging, but Real Estate is hyper-local!

Distance to Gateway Arch?

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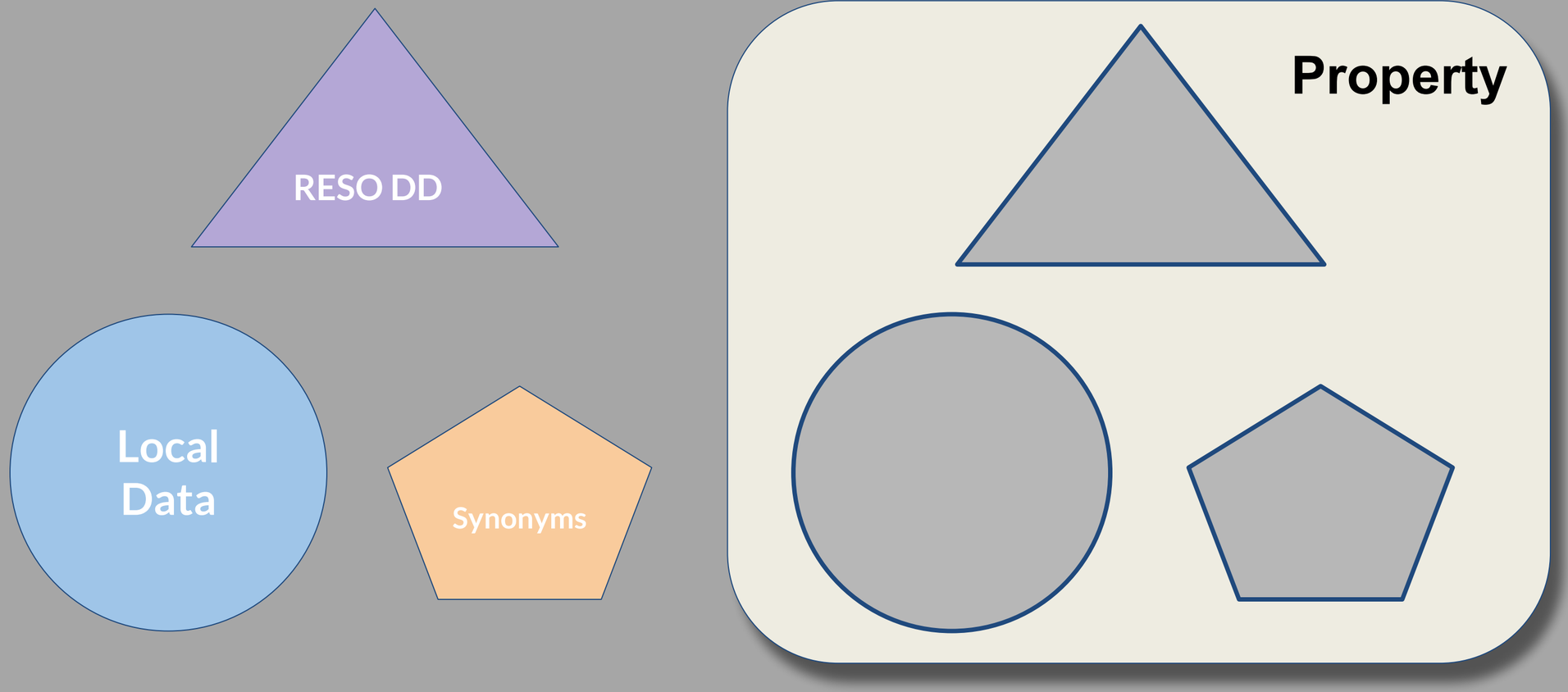
Shapes Create Consistency

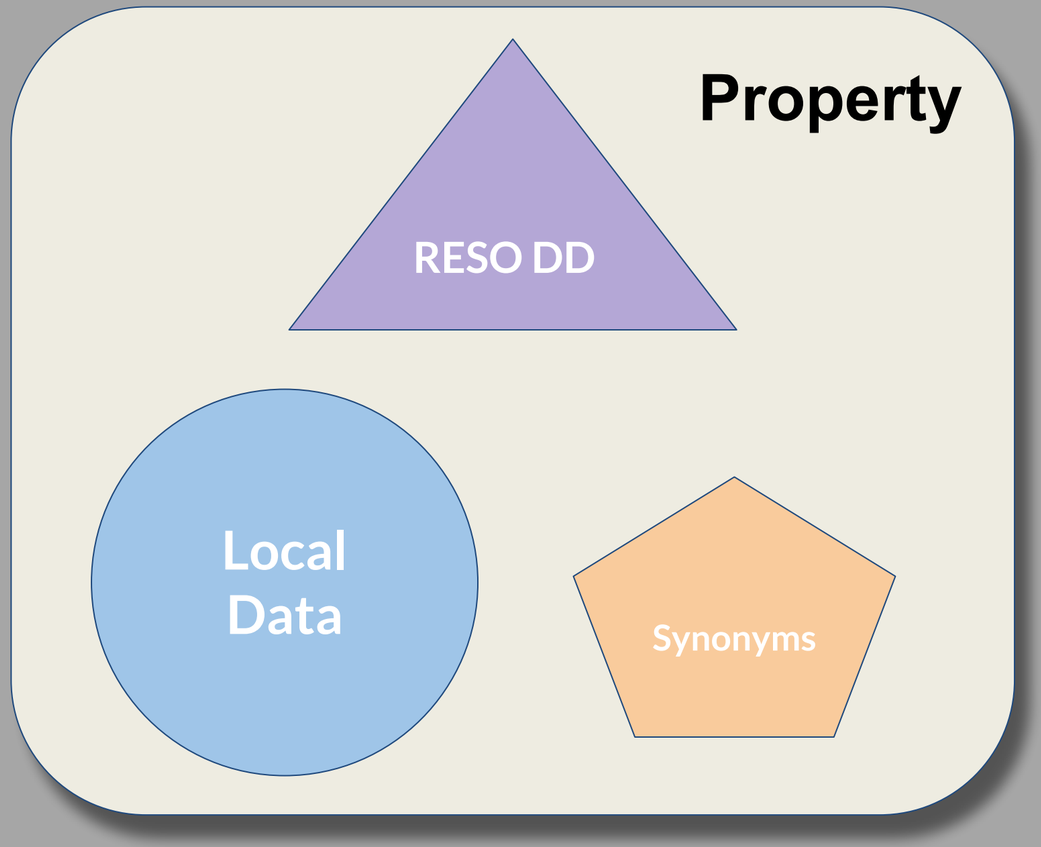


Shapes Create Predictability

RESO Data Dictionary Provides the Foundation for Data Shapes

Local Data can be added to each Resource, in this case *Property*

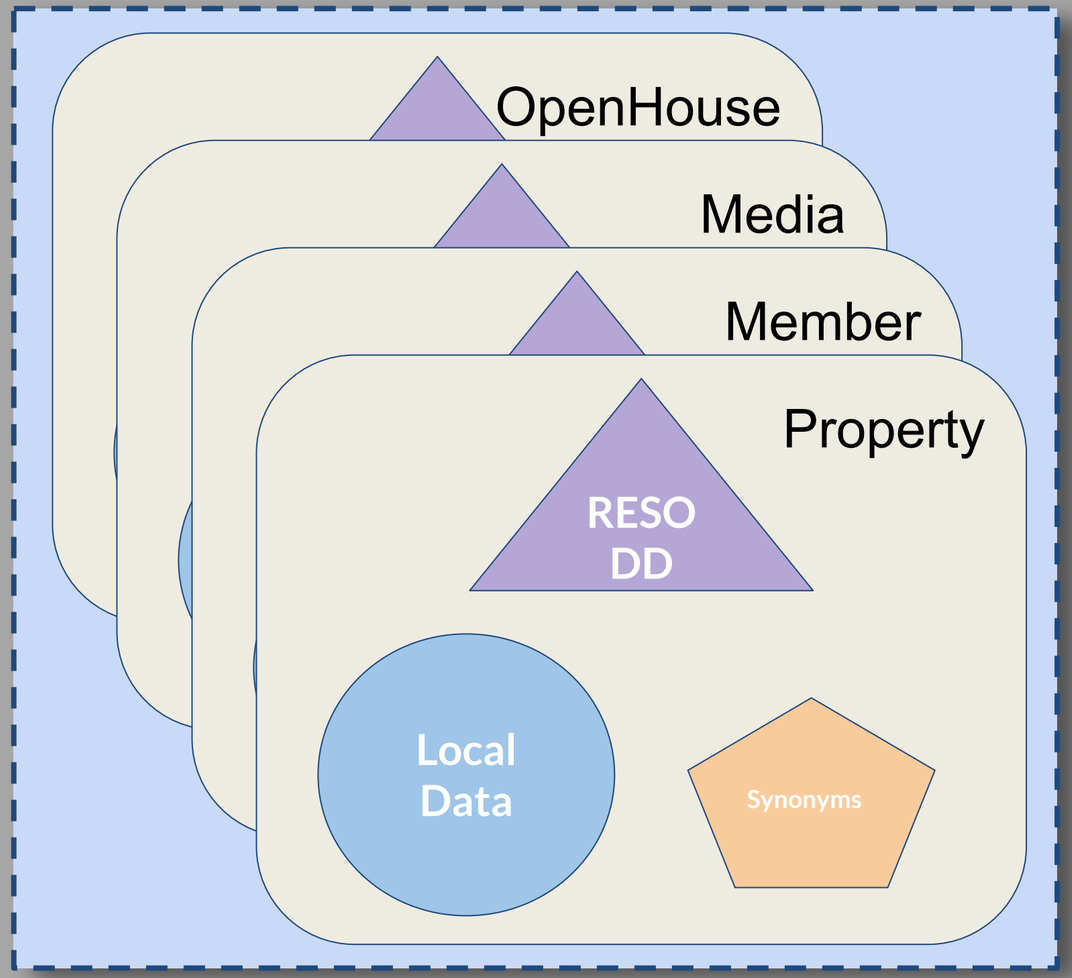
Synonyms can be projected onto DD and Local Data to provide Local Names and Translations



Shapes Provide Ease of Use

Eventually, data can even be packaged into bundles consisting of related data.

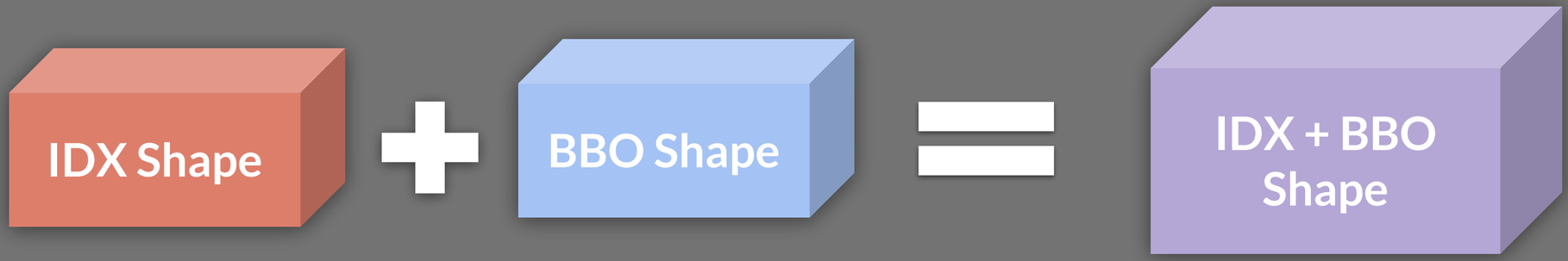
For example: *all Property, Member, Media, and OpenHouse data for a given set of Listings.*



Fun with Shapes:

Streamline Data Transfers

Consider a data consumer who needs both IDX and BBO payloads…



Data may be returned in a single response that contains both data sets!

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Panel Discussion

Common Schema Goals

- Reference Metadata for Resources, Fields, Enumerations, and Relationships for DD 1.6+
- Standard Data Shapes
- Localization and Internationalization

Workgroup meets every other Thursday for 45m.

See RESO Calendar or talk to Paul and Josh!

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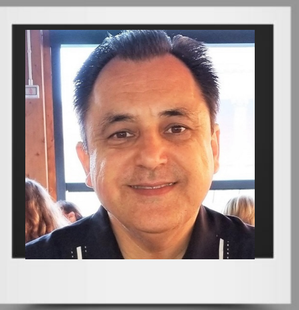
PANELISTS



Mark Bessett

Enterprise Architect

CRMLS

Jon Druse

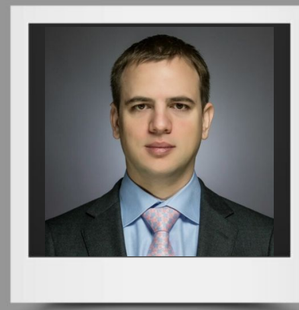
Director of Engineering

W+R Studios

Chris Haran

CTO

MRED



L.D. Salmanson

CEO, Co-Founder

Cherre

Data Shapes

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Data Shapes are useful for MLSs, MLS Vendors, Aggregators, Syndicators, Analytics Providers, Brokerages, and other Data Producers and Consumers involved in the Transaction.

Cherre	CRMLS	MRED	W+R
Story or Quote that hits the message out of the park!	Story or Quote that hits the message out of the park!	Story or Quote that hits the message out of the park!	Story or Quote that hits the message out of the park!

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Follow us and see what is happening on our social media sites!

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THANK YOU!

Comments or Questions?

SEE YOU IN NEW ORLEANS!