



FALL 2019 CONFERENCE

PUTTING THE PIECES TOGETHER

Cross-Platform Interoperability

SPEAKER



Chris Haran

Workgroup Chair
CTO, MRED

I never played baseball because I was afraid of the ball. I do like the food, though.

Chris.Haran@MREDLLC.com

@chrisharan 



WHAT'S ON DECK TODAY?

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Where do other teams focus?

How do other industries handle interoperability, and what can we learn from them?

You down with Updateability?

How can Listing Update work in creating interoperability of the transaction?

How do you handle Interop?

This is your turn at the plate.

What's working for you? What isn't?

Let's talk strategy

How do we hit a home run with Common Schema?

WHERE ARE HEALTHCARE TEAMS FOCUSING?

- Areas of Focus
 - Keep up with changing federal regulations
 - Better leverage AI with the right datasets
 - Securely transfer and exchange data
 - Give patients access to their own data, for a more informed patient
- Blue Button 2.0
 - Provide an API to enable beneficiaries to connect Medicare claims with programs/services they trust



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KEY BENEFITS OF HEALTHCARE INTEROPERABILITY

- **IMPROVED PATIENT EXPERIENCE**
- **GREATER PATIENT SAFETY**
- **STRONGER PATIENT PRIVACY AND SECURITY**
- **HIGHER PRODUCTIVITY, REDUCED COSTS**
- **MORE ACCURATE PUBLIC HEALTH DATA**

[*5 Key Benefits of Healthcare Interoperability](#)

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WHERE ARE FINANCE TEAMS FOCUSING?

- Areas of Focus
 - Promote competition
 - Increase service offerings in underserved areas through reduction of costs via economies of scale
 - Improve ease of use of tools for the customer
- Mobile Money
 - Consumers want to send money across networks, especially in developing countries
 - Banking networks come together (Tanzania) to establish standards

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*[Tanzania Mobile Money Case Study](#)





LESSONS LEARNED

- **ALLOW INDUSTRY TO DEFINE THE RULES**
- **SUCCESS REQUIRES AN INDUSTRY CHAMPION**
- **IDENTIFY A NEUTRAL BROKER**
- **ENSURE EVERYONE IS SPEAKING THE SAME LANGUAGE**
- **HAVE A PLAN**
- **DON'T EXPECT TO ACCOMPLISH ALL AT ONCE**

[*Tanzania Mobile Money Case Study](#)

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An aerial photograph of St. Louis, Missouri, taken at dusk. The Gateway Arch is prominent on the right side, silhouetted against a sky with soft pink and blue clouds. The city lights are visible, including the Missouri State Capitol building with its green dome in the center. The Mississippi River is visible in the background. The text is overlaid on a semi-transparent white rounded rectangle.

CO-OPETITION

**“WHEREBY COMPETITORS AGREE TO COOPERATE
ON CERTAIN ASPECTS OF THE BUSINESS
BUT COMPETE AGGRESSIVELY ON OTHERS”**

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WHO'S DOWN WITH UPDATEABILITY?

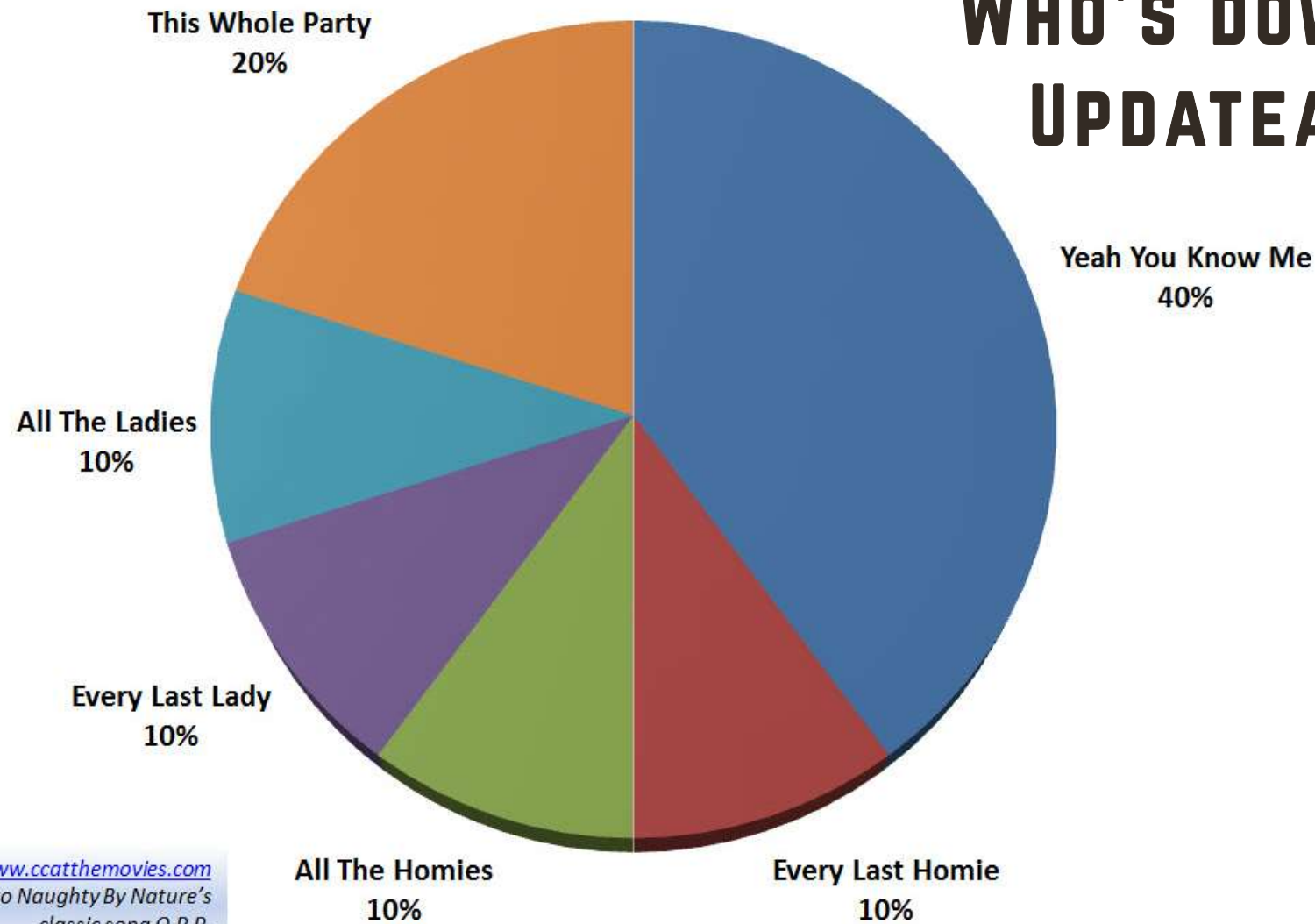


Image by: www.ccatthemovies.com
All credit to Naughty By Nature's
classic song O.P.P.

EVERYONE IS DOWN WITH UPDATEABILITY

Why? A story, in pictures...

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LIFE OF A LISTING



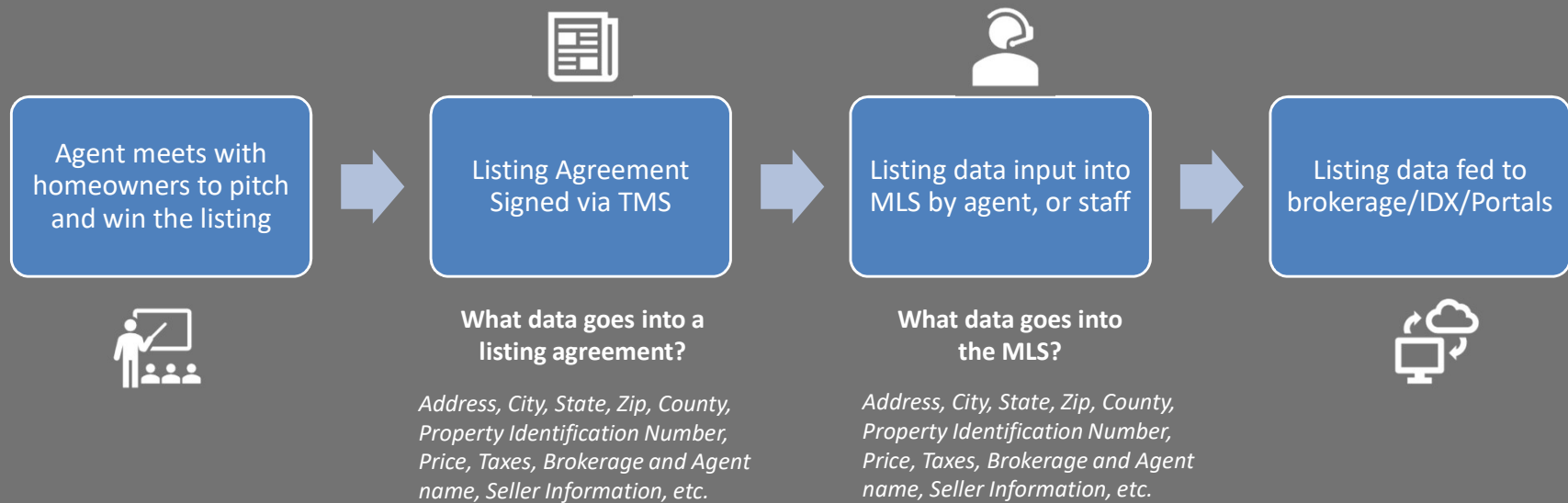
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LET'S TAKE A CLOSER LOOK...



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THE DIGITAL LISTING



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A meme image featuring a muscular arm in a red sleeve flexing, with text overlays. The background is a dark, textured grey. The arm is highly detailed, showing muscle definition. The text is in a bold, white, sans-serif font with a black outline.

RESO DD FIELDS

COMPLETING
LISTING FORMS IN A TMS

ENTERING A
LISTING IN THE MLS

RCP-010 AKA LISTING UPDATE

RCP WebAPI-010 Add Functionality to Web API Specification

Submitter Name	Sergio Del Rio	Document Name	RESO Web API v1.1 Draft
Submitter Organization	Templates for Business, Inc.	Document Version	1.1.0
Submitter Email	Sergio.Del.Rio@t4bi.com	Date Submitted	2017-04-24
Co-submitter Name		Status	APPROVED
Co-submitter Organization		Status Change Date	2018-04-24
Co-submitter Email			

Data Model for Insert, Update and Delete Examples

```
<?xml version="1.0" encoding="utf-8"?>
<edmx:Edmx Version="4.0" xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx">
  <edmx:DataService>
    <Schema Namespace="MyCompany.OData.Models" xmlns="http://docs.oasis-open.org/odata/ns/edm">

      ...

      <EntityType Name="Property">
        <Key>
          <PropertyRef Name="ListingKeyNumeric" />
        </Key>
        <Property Name="BathroomsTotalInteger" Type="Edm.Int32"

        <Property Name="BedroomsTotal" Type="Edm.Int32" />
      </EntityType>
    </Schema>
  </DataService>
</edmx:Edmx>
```

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DIGITAL LISTING (THE REMIX)

**Listing Agreement
Signed via TMS**



**Listing data fed
from TMS to MLS
to create listing
draft**

- **Why draft and not active? How are rules handled?**
- **How does this change listing workflow, including with computer vision?**
- **Is there anywhere else a listing could start?**
- **Where else could a TMS distribute data to?**



EVERYONE IS DOWN WITH UPDATEABILITY

Because who likes doing the same
thing over and over and over again?

**non-toddler division*

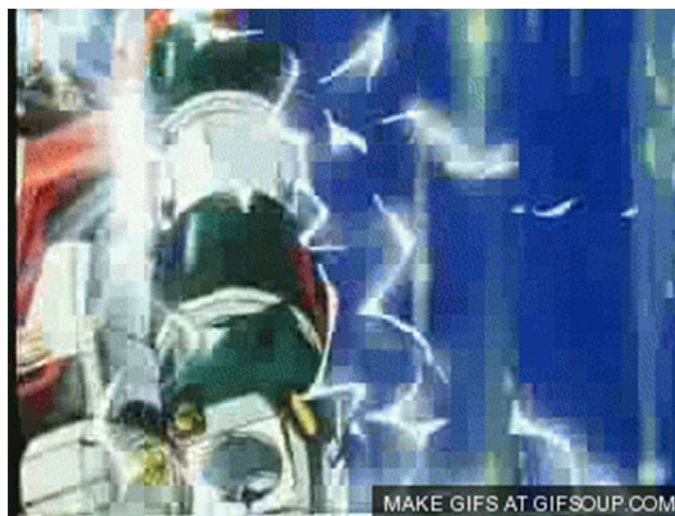


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LET'S FORM THE VOLTRON OF REAL ESTATE

A Discussion on Common Schema

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THANK YOU!

COMMENTS OR QUESTIONS?

SEE YOU IN NEW ORLEANS!