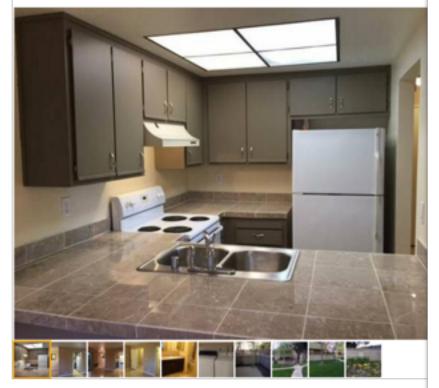


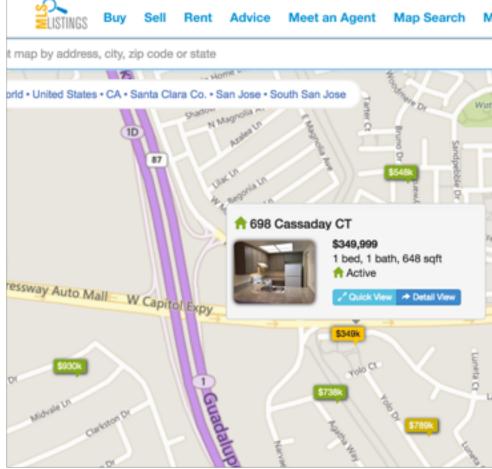
Web API: Entering Listings and Enforcing MLS Business Rules



I LOVE CRAIGSLIST

\$2147483647 / 1br - 64848ft2 - Open House Saturday & \$





About Us

Located in the heart of Silicon Valley, our internal teams of Engineers, IT Professionals, and Product Managers are complemented by Professional Services staff who provide strategic business planning and implementation Silicon Valley

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Listing Management Application

Rigorously Tested

Developed in a user-centric environment, Thousands of new listings entered and published

Secure and Integrated

SAML based SSO connectivity, OAuth based secured backend to allow read/write operations

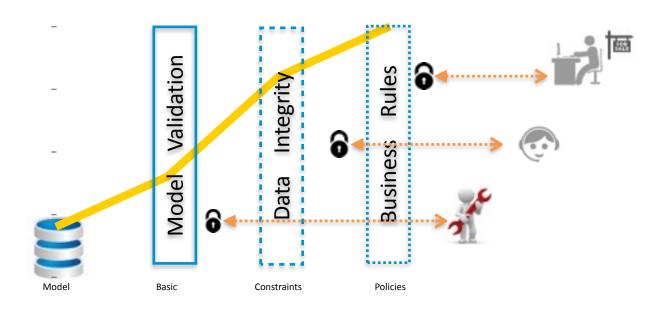
Built To Scale

Extended metadata and resources to handle nation wide listings, Dynamic Rule Engine to enforce data entry constraints, Read/Write access via RESTFull API





The Players



Admin

Bypasses agent rules

Support

- Impersonate and assist subscribers
- Must comply with all rules

Assistant

- Impersonates and assist agents
- Must comply with all rules

Agent

Must comply with all rules



The Rule Engine

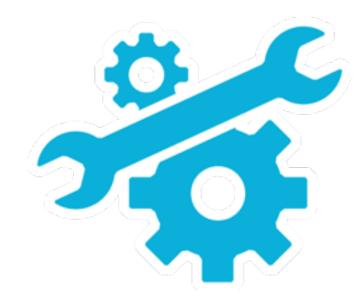
- Rules
 - Basic, Workflow and Business
- Context
 - Resource, Class and Data
- User
 - Agent, Staff and Admin





Rule Types

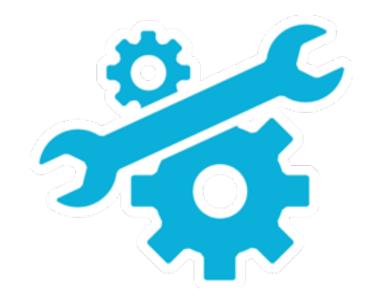
- Basic
 - Type, Length, Range etc.
 - Data Dictionary Rules Apply
- Workflow
 - Active, Pending, Withdrawn
 - Workflow Rules Apply
- Policy
 - Coming Soon, Off Market, Duplicate
 - Business Rules Apply



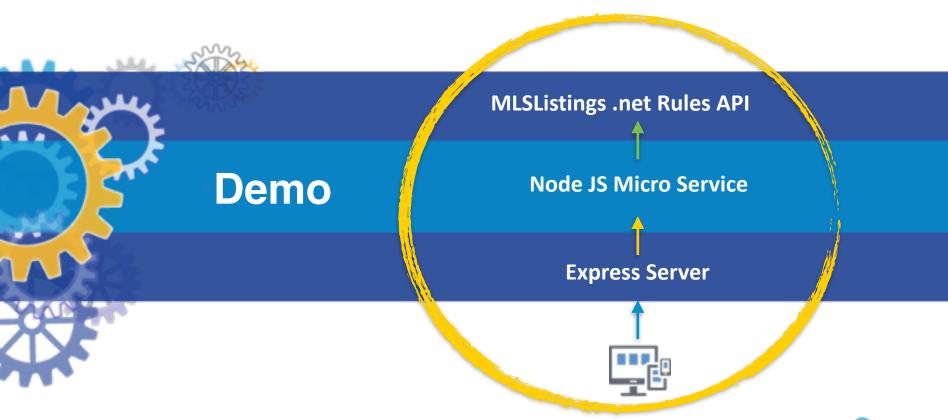


Rule Context

- Resource
 - Property, Open House, Tour
- Class
 - Residential, Commercial, Lease
- Status
 - Active, Pending, Withdrawn
- Claims
 - Admin, Agent, Assistant



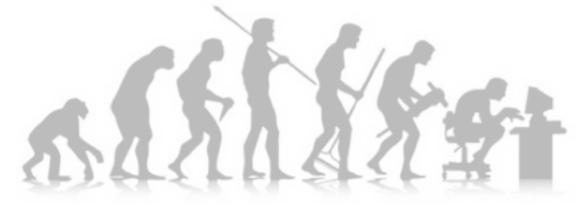






Standards Are Evolving

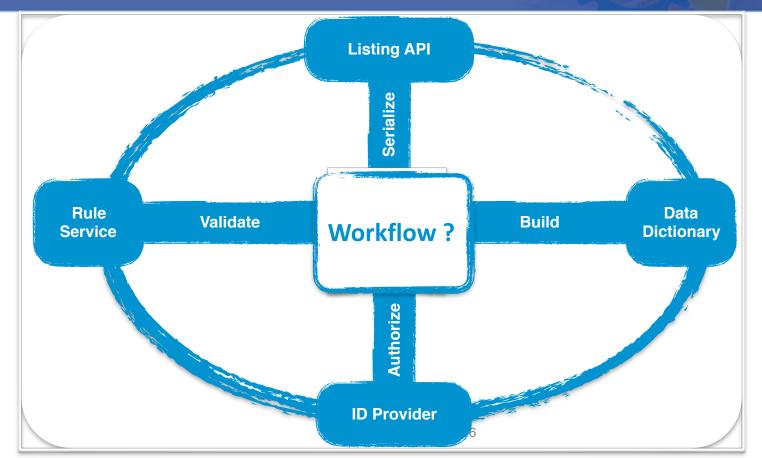
- OData Transport for input and distribution
- Open ID for claim based authorization
- Data Dictionary for model definition







API Based Listing System





Standard for defining and communicating the decision making process

Business Process Modeling and Notation (BPMN)
 BPMN standard defines how the process definition is displayed on the screen.

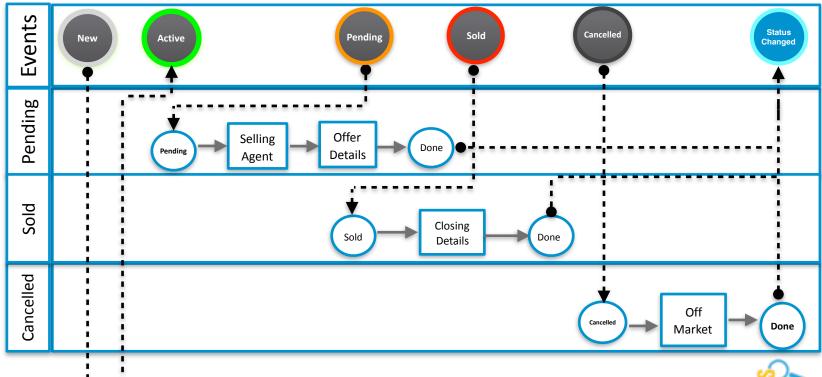
XML Process Definition Language (XPDL)
 How you store and interchange those process definitions is where XPDL comes in.

"With XPDL, a product can write out a process definition with full fidelity, and another product can read it in and reproduce the same diagram that was sent"

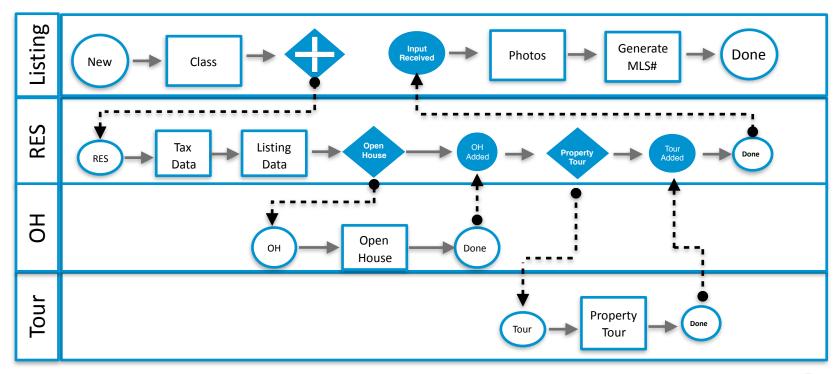
Workflow Management Coalition



Decisions

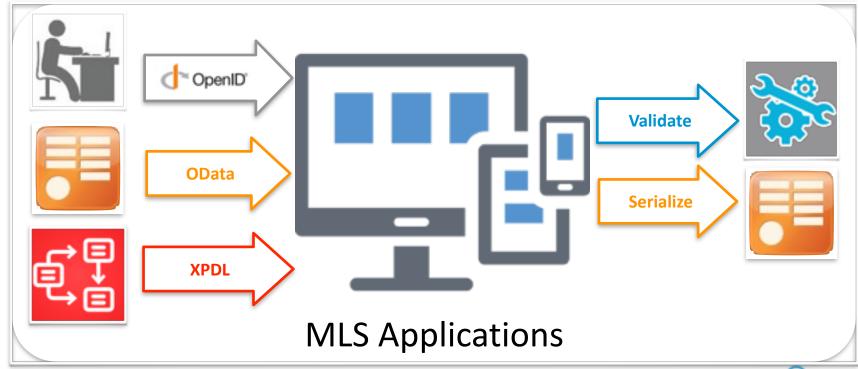


Workflow





The Right API





The Right Standard



RESO TRANSPORT STANDARD







