Evolution of the Web API

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Agenda

• Where we are
• Where we’re going
• Details
• Discussion / Questions
Where we are

• RETS Web API 1.0.1
  – Documented, commented, edited
  – First implementations

• Web API Security 1.0.1
  – Documented, commented, edited
  – First implementations

• We have REAL stuff to show!
Where We’re Going

You are here

Clarifications, modifications, improvements

Revised / final documents:
- Web API
- Security
- Schema

“Update” use cases / prototype

Compliance definitions / development

Compliance testing may begin
Clarifications, etc.

- Compare implementations
- Clarify on client and server side
- Finalize security (authentication)
- Data dictionary representation
  - 1.3 schema (XML, JSON)
Clarifications cont.

• How to handle enumerations
  – Consistent approach for “lookups”
    • e.g. property types, property features, geographies,

• How to handle photos, other media
  – Filenames, full url, what’s expected?

• How to handle repeating elements
  – Rooms, room, dimensions, features, etc.
    – Allow search? Or just display?

• How to handle “localizations”
  – Vendor- / geography-specific data and capabilities
Finalize

- RETS Web API – final
- RETS Web API Security – final
- Data Dictionary 1.3 representation - final
Compliance

• RETS Web API
  – Requires:
    • DD 1.3 final schema
    • Web API Security

• Compliance requirements

• Test harness
  – Client for server testing
Update Capabilities

• Use Cases
  – Create, Update, Delete records

• Proposed approach and prototype
  – You’ll here / see more tomorrow
  – Requires additional thought / debate on:
    • Security
    • Rules
    • Data dictionary / metadata
And then...

Adoption. Simple. Right?

– Confusion?
  • Already a bunch of APIs

– Challenges?
  • Half the MLS world in “migration” mode.
  • Also trying to implement Data Dictionary

– Prioritization?
  • How do I prioritize this over anything else?
Questions?

THANK YOU!