JSContact

draft-ietf-jmap-jscontact

JMAP IETF 110

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Status

● Latest version

● Maps to and from VCARD RFCs 6350, 6473, 6747, 6869.
Decision: Lists vs sets as property types

Keep list-types where order is relevant, otherwise use sets

Lists
- organizations
- jobTitles
- roles
- emails
- phones

Sets
- online
- photos
- addresses
- anniversaries
- categories

Patching requires full update to list  Allows patching of single entries
Decision: Name type vs. address type

Use generic value for names, but structured value for addresses

Name: NameComponent[]

NameComponent = {
    type: String
    value: String
}

[{"type": "prefix", "value": "Mr"},
{"type": "personal", "value": "Robert"},
{"type": "surname", "value": "Stepanek"}]

Address: Address

Address = {
    fullAddress:LocalizedString
    street: String
    extension: String
    locality: String
    region: String
    country: String
    postOfficeBox: String
    postCode: String
    countryCode: String
    coordinates: URI (geo:)
    timeZone: String
}
Decision: Groups

Group is more than list of cards

Before

- List of UIDs with a name property
- No nested groups
- Simple to process
- Throws away most information of VCARD with KIND=GROUP

Now

- Has all properties of a JSCard, kind group and members property that lists UIDs
- Nested groups
- Not as simple (must handle circular groups)
- Fully maps VARD with KIND=GROUP.
Next steps

● More implementations

● More feedback