JSContact Status
IETF/CalConnect April 2021

● Latest version

● Maps to and from VCARD RFCs 6350, 6473, 6747, 6869.
**Addresses**

Structured value for addresses vs. generic components

Proposed: Address

```
Address = {
    fullAddress: LocalizedString
    street: [{
        type: String,
        value: String
    }],
    locality: String
    region: String
    country: String
    postCode: String
    countryCode: String
    coordinates: URI (geo:)
    timeZone: String
}
```

Predefined street.types (others allowed):

- name
- direction
- number
- building
- floor
- apartment
- room
- extension
- postOfficeBox
- landmark
Groups

Groups as simple collection vs. full-blown card

<table>
<thead>
<tr>
<th>Simple collection</th>
<th>Full-blown card</th>
</tr>
</thead>
<tbody>
<tr>
<td>● List of UIDs with a name property</td>
<td>● Has all properties of a JSCard, kind group</td>
</tr>
<tr>
<td>● Throws away most information of VCARD</td>
<td>and members property that lists UIDs</td>
</tr>
<tr>
<td>with KIND=GROUP</td>
<td>● Fully maps VARD with KIND=GROUP</td>
</tr>
</tbody>
</table>
Localizations

How to map VCARD LANG parameters

**LocalizedString**

- Keep value and localizations together
- Does not require patch support
- Assumes localizations are the norm
- Localization decided in spec
- Differs from JSCalendar

```json
"addresses": {
  "addr1": {
    "city": {
      "value": "Tokyo",
      "localizations": {
        "jp": "東京"
      }
    }
  }
}
```

**localizations property**

- Separates value and localizations
- Requires patch support, including arrays
- Localizations are the exception
- Localization decided by user
- Same approach like JSCalendar

```json
"addresses": {
  "addr1": {
    "city": "Tokyo",
    "localizations": {
      "jp": "東京"
    }
  }
},
"localizations": {
  "jp": {
    "addresses/addr1/city": "東京"
  }
}
```
# TimeZone

## How to map VCard TZ address parameter

<table>
<thead>
<tr>
<th>VCard TZ Type</th>
<th>JSContact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free text (&quot;expected to be Olson name&quot;)</td>
<td>Accept any name or validate Olson name?</td>
</tr>
<tr>
<td>UTC offset</td>
<td>If zero minutes:</td>
</tr>
<tr>
<td></td>
<td>● Map to standard Etc/GMT[+-]HH</td>
</tr>
<tr>
<td></td>
<td>If non-zero minutes?</td>
</tr>
<tr>
<td></td>
<td>● Map to non-standard Etc/GMT[+-]HH:MM</td>
</tr>
<tr>
<td>URI (&quot;expected standard URI scheme for expressing time zone information&quot;)</td>
<td>Do not map</td>
</tr>
</tbody>
</table>
Questions and feedback