

# JSContact Status

IETF/CalConnect April 2021

- Latest version
  - <https://datatracker.ietf.org/doc/html/draft-ietf-jmap-jscontact-05>
  - <https://datatracker.ietf.org/doc/html/draft-ietf-jmap-jscontact-vcard-03>
- 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

### Simple collection

- List of UIDs with a name property
- Throws away most information of VCARD with KIND=GROUP

### Full-blown card

- Has all properties of a JSCard, kind group and member s property that lists UIDs
- Fully maps VARD with KIND=GROUP

# 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

```
"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

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

# TimeZone

How to map VCARD TZ address parameter

<b>VCARD TZ Type</b>	<b>JSContact</b>
Free text ("expected to be Olson name")	Accept any name or validate Olson name?
UTC offset	If zero minutes: <ul style="list-style-type: none"><li>• Map to standard Etc/GMT [ +- ]HH</li></ul> If non-zero minutes? <ul style="list-style-type: none"><li>• Map to non-standard Etc/GMT [ +- ]HH :MM</li></ul>
URI ("expected standard URI scheme for expressing time zone information")	Do not map

# Questions and feedback