

jscontact

IETF 117, Calendaring Extensions (calext)

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Lots of changes since IETF Last Call

Until Working Group Last Call

February 2019 until January 2023

Lines added	Lines removed	I-D
3461		draft-ietf-calext-jscontact
3454		draft-ietf-calext-jscontact-vcard
720		draft-ietf-calext-vcard-jscontact-extensions

Since IETF Last Call

January 2023 until now

Lines added	Lines removed	I-D
1893	1448	draft-ietf-calext-jscontact
2360	2661	draft-ietf-calext-jscontact-vcard
631	302	draft-ietf-calext-vcard-jscontact-extensions

jscontact

- Align name components with Unicode Technical Standard #35: Person Names (<https://www.unicode.org/reports/tr35/tr35-personNames.html>)
- Additional address components for internationalization: wards, blocks, etc.
- Pronunciation for names and addresses.
- @type property now is optional in almost all cases.
- PatchObject allows patching existing array members.
- Lots of examples and clarifications to spec.

<https://datatracker.ietf.org/doc/draft-ietf-calext-jscontact/>

jscontact-vcard

- Covers all IANA-registered vCard elements, plus the ones we'll register.
- Every conversion rule comes with an example.
- New vCard and JSContact elements specific to conversion:
 - vCard: JSCOMPS, JSPTR, JSPROP
 - JSContact: vCardProps, vCardParams, vCardName

<https://datatracker.ietf.org/doc/draft-ietf-calext-jscontact-vcard/>

vcard-jscontact-extensions

- Adds or updates vCard elements for all JSContact elements not covered by existing vCard RFCs.
- New vCard elements: AUTHOR, AUTHOR-NAME, CREATED, DERIVED, GRAMGENDER, LANGUAGE, PHONETIC, PRONOUNS, PROD-ID, SOCIALPROFILE, SCRIPT, SERVICE-TYPE, USERNAME
- Updated vCard elements: ADR, N

<https://datatracker.ietf.org/doc/draft-ietf-calext-vcard-jscontact-extensions/>

Phonetics

- Based on draft-calconnect-vobject-i18n-00 (2018).
- For names and addresses.

vCard

```
LANGUAGE:zho-Hant
N;ALTID=1;LANGUAGE=zho-Hant:孫;中山;文,逸仙;;
N;ALTID=1;PHONETIC=jyut;
  SCRIPT=Latn;LANGUAGE=yue:syun1;zung1saan1;man4,jat6sin1;;
```

JSContact

```
"language": "zho-Hant",
"name": {
  "components": [
    { "kind": "surname", "value": "孫" },
    { "kind": "given", "value": "中山" },
    { "kind": "given2", "value": "文" },
    { "kind": "given2", "value": "逸仙" }
  ]
},
"localizations": {
  "yue": {
    "name/phoneticSystem": "jyut",
    "name/phoneticScript": "Latn",
    "name/components/0/phonetic": "syun1",
    "name/components/1/phonetic": "zung1saan1",
    "name/components/2/phonetic": "man4",
    "name/components/3/phonetic": "jat6sin1"
  }
}
```

New ADR components

- RFC 6350 defined: post office box, extended address, street address, locality, region, postal code, country name.
- JSContact adds: room or suite number, apartment number, floor, street name, street numbers, building, block, subdistrict, district, landmark, direction.
- vCard clients turned out to simply ignore ADR values having more than the original components.
- Backwards-compatibility: Write to ADR both new components and combine into street address. Ignore street address during read.

<https://datatracker.ietf.org/doc/draft-ietf-calext-vcard-jscontact-extensions/>

New N components

- RFC 6350 defined: family names (aka surnames), given names, additional names, honorific prefixes, honorific suffixes.
- JSContact adds: secondary surname, generation (“Jr.”)
- vCard clients just ignore additional N components.
- Backwards-compatibility: Write secondary surname also to surname component, generation also to honorific suffixes. Ignore from surname and honorific suffixes if values match any in secondary surname and generation.

<https://datatracker.ietf.org/doc/draft-ietf-calext-vcard-jscontact-extensions/>

vcard-jscontact-extensions

- Time to bump vCard version to 4.1?

<https://datatracker.ietf.org/doc/draft-ietf-calext-vcard-jscontact-extensions/>

Remaining work

- Finish interop tests.
- Finish IETF Last Call.