

JSCalendar

draft-ietf-calext-jscalendar

IETF 101

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FastMail

Goals

- Define calendaring data model and exchange format using I-JSON (RFC7493).
- Define types for calendar events, tasks and groups.
- Use as alternative to iCalendar (RFC5545, RFC7986): omit the brittle parts, keep what's working, add what's missing.

Status

- Current draft is result of 2-3 years feedback and revision from both IETF and CalConnect members.
- Adopted by IETF calext in Q4 2017, with support by multiple calendaring client and server implementors.
- Implemented in open-source Cyrus IMAP project, earlier variants in use at FastMail and other vendors.

Next Steps

- Polish for upcoming draft version 3, no substantial changes anymore expected.
- Instigate feedback from calext list for latest draft version.
- Prepare for last call before upcoming IETF 102.


```
{
  "@type": "jsevent",
  "uid": "2a358cee-6489-4f14-a57f-c104db4dc2f1",
  "updated": "2018-01-15T18:00:00Z",
  "title": "Some event",
  "start": "2018-01-15T13:00:00",
  "timeZone": "America/New_York",
  "duration": "PT1H"
}
```

```
{
  "...": "",
  "title": "Live from Music Bowl: The Band",
  "description": "Go see the biggest music event ever!",
  "locale": "en",
  "start": "2018-07-04T17:00:00",
  "timeZone": "America/New_York",
  "duration": "PT3H",
  "locations": {
    "9366e041-bb4c-4aa4-b249-b4657cab925c": {
      "name": "The Music Bowl",
      "description": "Music Bowl, Central Park, New York",
      "coordinates": "geo:40.7829,73.9654"
    },
    "6f3696c6-1e07-47d0-9ce1-f50014b0041a": {
      "name": "Free live Stream from Music Bowl",
      "rel": "virtual",
      "features": [
        "video",
        "audio",
        "chat"
      ],
      "uri": "https://stream.example.com/the_band_2018"
    }
  },
  "localizations": {
    "de": {
      "title": "Live von der Music Bowl: The Band!",
      "description": "Schau dir das groesste Musikereignis an!",
      "locations/6f3696c6-1e07-47d0-9ce1-f50014b0041a/name":
        "Gratis Live-Stream aus der Music Bowl"
    }
  }
}
```