jscalendar-icalendar

IETF 119, Calendaring Extensions (calext)
jscalendar-icalendar

- Restarted work on expired jscalendar-icalendar I-D. Not submitted yet.
- Joris Baum (audriga) joined as co-author!
- Convert every IANA-registered element between JSCalendar and iCalendar.
- Criteria to publish is interoperable conversion with multiple implementations.
- Keep jscalendarbis and icalendar-jscalendar-extensions expired for now.
Testing JSCalendar & iCalendar Conversion

• New jscalendar-icalendar I-D contains test cases within the document.
• Tool extracts examples from I-D, validates conversion with our backends.
• Encourages us to write good examples and we can be sure they are correct!
Example in I-D

| BEGIN:VCALENDAR
| PRODID:-//FOO//bar//EN |
| VERSION:2.0 |
| BEGIN:VEVENT |
| DTSTART:20240306 |
| DTSTAMP:20060102T030405Z |
| UID:de1c9c24-9633-... |
| END:VEVENT |
| END:VCALENDAR |

Test Tool

```
{
    "@type": "Event",
    "start": "2024-03-06T00:00:00",
    "showWithoutTime": true,
    "timeZone": null,
    "uid": "de1c9c24-9633-...",
    "prodId": "-//FOO//bar//EN",
    "updated": "2006-01-02T03:04:05Z",
    "locale": null
}
```

- Backend must accept HTTP POST with Content-Type “text/calendar” or “application/jscalender+json”, then return converted result.
- Test tool generates HTML report highlighting any diff in the response.
- Requires Python 3.12 with no dependencies.
Next Steps

• For each IANA-registered element in \{iCalendar, JSCalendar\}:
  - Define conversion for element

• For every item where conversion is lacking, decide if to:
  - (re)define standard element in iCalendar/JSCalendar, or
  - convert to catch-all element (like JSPROP/vCardProps in JSContact).

Interested to join interoperation tests? Send email to calext list or authors!