

jscalendar

IETF 118, Calendaring Extensions (calext)

jscalendarbis

- Started 1 year after jscalendar (RFC 8984) got published.
- Meant jscalendar-icalendar to close gaps with iCalendar. But some turned out to be hard to close, most importantly edge cases in scheduling.
- Decision taken in interim-2022-calext-02 to extend scheduling semantics beyond current iCalendar.
- Work drizzled off soon after due to jscontact around Q3 2022.

where it's at

```
% git log --oneline draft-ietf-calext-jscalendarbis.xml

f4392eb Add replyToSchedule{Agent,ForceSend,Status} properties
a73aa62 jsalendarbis: Add scheduleId
0834735 Rename Participant.sentBy to sentFrom and add to top-level
4724d5d Rephrase definition of privacy property
13bba13 If excluded=true then recurrenceId must be set
f358dcf Rename Location.name to title and allow any description contents
2e78675 Add task-specific participation status to Participant
fd932dd Clarify that map keys of type `Id` must be persisted
839c572 Add uid property to Location and Alert objects
bbc9b97 Allow to localize any String-typed property
cdc7164 Add conferences property to Participant
6792e51 Rename VirtualLocation to Conference
04ffacd Do not allow parameters in descriptionContentType property value
a01e26c Add Link.filename property
960a6d3 Link.cid property value must be cid: URI
cc883f8 Redefine custom timeZones property in Group
a985efd Location relativeTo{start,end} may only occur once
ecc130d Replace Participant.locationId with Participant.locations
```

additions

```
% git log --oneline draft-ietf-calext-jsalendarbis.xml
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clarifications and fixes

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renames

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incompatible changes

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a73aa62 jsCalendarbis: Add scheduleId

- Need scheduling id for iCalendar/iTIP interop.
- Can define either backwards-compatible or incompatible to jsCalendar:

	Participant: delegated{From,To}, memberOf	iCalendar interop
 Compatible	Keep pointing to Participant id	Only can convert if delegate Participant also has scheduleId set
Incompatible	Must point to Participant.scheduleId	Always can convert

cc883f8 Redefine custom timeZones property in Group

- Custom timeZones currently are defined for Event,Task.
- Issue #1: multiple Event objects in the same Group using the same custom timezone need to define it separately
- Issue #2: different timezones having same timezone id may be defined in events of same Group
- Plan is to obsolete timeZones in Event,Task and redefine property in Group.

Things I'd like to bring in from jscontact

- Versioning
- Optional @type property and default types
- Allow PatchObject to patch into existing array members

Next steps

- Register new properties now for jscalendar.
- Add backwards-compatible scheduleId definition to jscalendar.
- Keep all other changes for jscalendarbis.
- Only publish jscalendarbis together jscalendar-icalendar.
- jscalendarbis will define current jscalendar as default version 1.0.
- jscalendarbis may either become version 1.1, or 2.0 if backwards-incompatible.