

jscalendar

IETF 123, calext

Robert Stepanek. July 22, 2025.

Ongoing work

draft-ietf-calext-jscalendarbis

- Introduced shortly after IETF 122, obsoletes RFC 8984. Reduces scope of JSCalendar to improve interoperability with iCalendar (see next slide).

draft-ietf-calext-jscalendar-icalendar

- Defines how to convert JSCalendar and iCalendar. Originally based on RFC 8984, this highlighted iCalendar incompatibilities and led to jscaleendarbis.

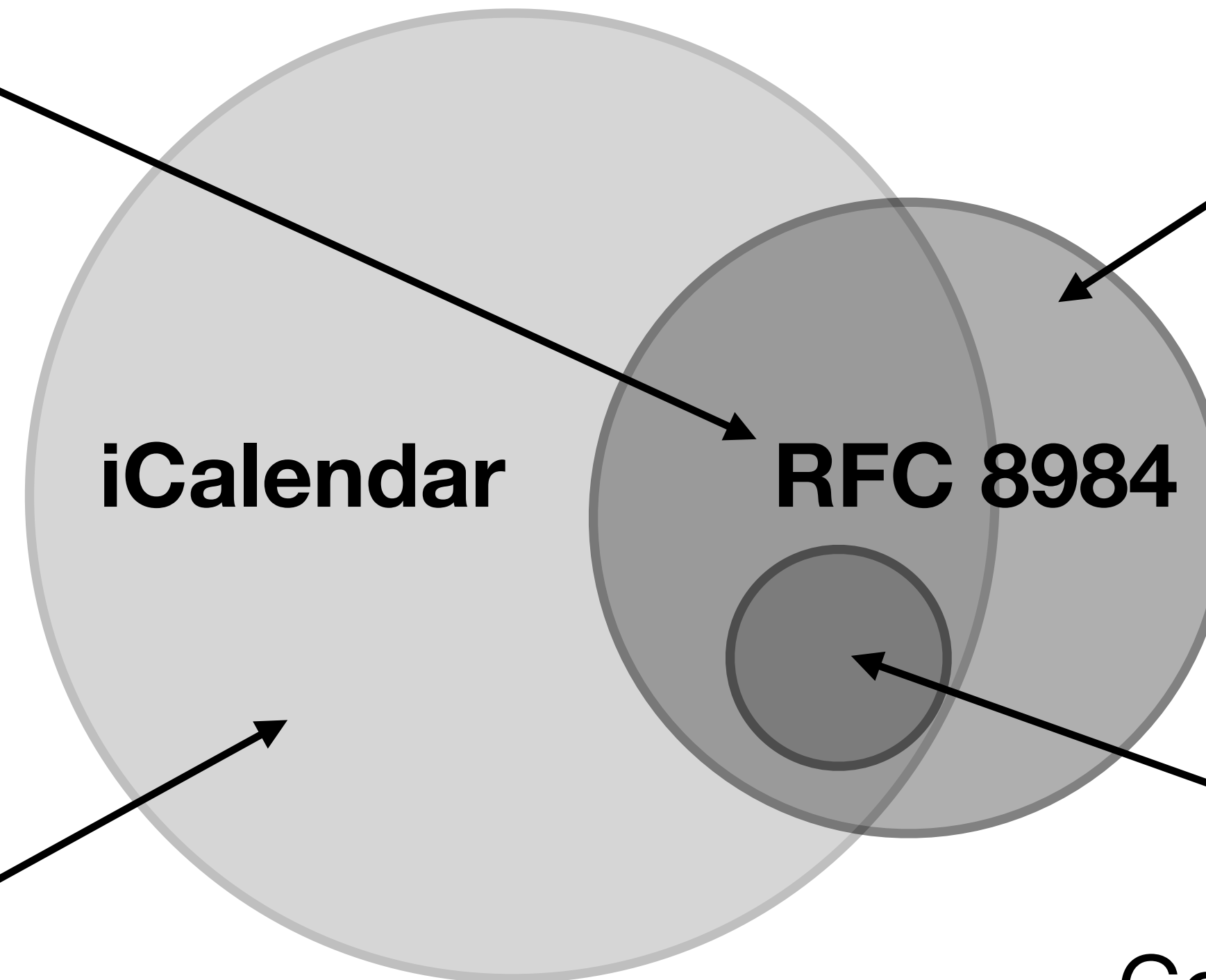
draft-ietf-calext-icalendar-jscalendar-extensions

- Defines new iCalendar elements to convert JSCalendar to iCalendar. Deliberately aims to introduce as few new elements as possible.

Why JSCalendarBis?

Common elements

JSCalendar-only elements



iCalendar

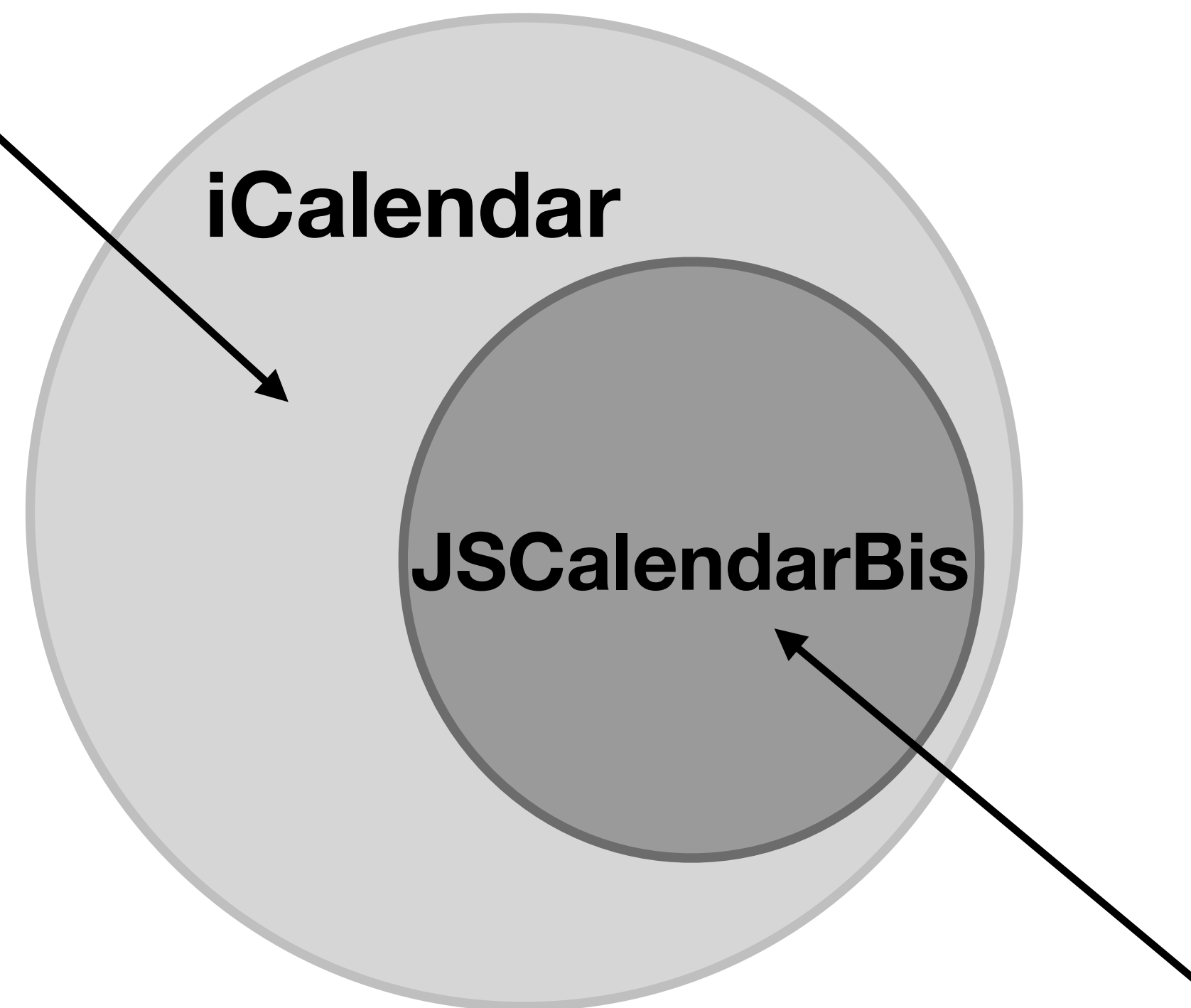
RFC 8984

iCalendar-only elements

Conflicting elements

Why JSCalendarBis? (Cont.)

iCalendar-only elements



Common elements,
including two new iCalendar elements (see next slide)

New iCalendar elements

New **COORDINATES** property:

- Represent spatial coordinates as RFC 5870 geo: URI.
- Deprecates GEO property and its custom two-dimensional coordinates.
- Updates VLOCATION component to contain COORDINATES.
- Can fall back to using GEO for older clients, but GEO is mostly unsupported anyway.

New **SHOW-WITHOUT-TIME** property:

- Indicates to client to render a calendar object as whole-day event, rather than blocking time slot from start to finish.

Conversion covers most, but not all cases

Supports:

- Converting common elements
- Preserving unknown elements
- Preserving iCalendar names (e.g. ATTACH vs. IMAGE) and value types (e.g. DATE-TIME vs. DATE).
- Preserving JSCalendar identifiers.

Does Not Support:

- Preserving custom iCalendar timezones.
- Preserving per-property parameters for CATEGORIES and KEYWORDS.

Next Steps

- Now: Finish WGLC for jscalendarbis.
- Until IETF 124: Finish jscalendar-icalendar and icalendar-jscalendar-extensions.