JMAP for Tasks

What’s new in JMAP for Tasks

**Goal**: Make it a common standard, also for kanban boards and issue trackers
What’s new in JMAP for Tasks

Add features from Tasks Survey as discussed at IETF 113:

- extend Relation with new values (e.g. depends-on) instead of relatedTo
- add TaskList.keywordColors and TaskList.categoryColors
- estimatedWork SHOULD be Fibonacci scale (common in agile)
- mention that impact can be used to determine priority
- throw out source in favor of prodId (thanks @Robert!)
- Improve progress tracking (next slide)
- Grouping (next slide)
What’s new in JMAP for Tasks - progress tracking

- Semantics of the new values were unclear (e.g. resolved vs. completed or confirmed vs. in-process)
- Some systems (Jira) allow defining custom workflows on a project-level

⇒ Possible values and their semantics depend not only on systems but also on the project

TaskList.workflowStatuses: String[]
- default: [completed, failed, in-process, needs-action, cancelled, pending]
- There are mapping suggestions in the spec

Task.workFlowStatus
- MUST be one of the values of workflowStatuses
- progress MUST then be null
What’s new in JMAP for Tasks - Grouping (1)

Remember: Task systems are more heterogeneous

Goal: Reduce implementation overhead for some use cases
What’s new in JMAP for Tasks - Grouping (2)

- Feature Groups: Common, Recurrences, Assignees, Alerts, Localizations, Custom Timezones
- Three good reasons for grouping objects and properties:
  - Uncommon in certain types of systems
  - Optional within JSCalendar
  - Require additional business logic (mostly ignore simple key-value pairs)
- Each group is a separate capability (not sub-capabilities)
  - Avoids additional complexity (e.g. notSupported setError)
  - Might make developers unhappy that want to support everything (need to use 6 capabilities)
  - Do you still like it?
What’s new in JMAP for Tasks - Grouping (3)

**Groupware (varies)**
- Google Workspace - Recurrences
- Microsoft To Do - Recurrences, Alerts
- Microsoft Planner - Assignees
- Open-Xchange - Recurrences, Alerts, Assignees
- Zimbra - Alerts

**Personal Task**
- Remember The Milk - Recurrences, Assignees, Alerts

**Boards (all support Assignees):**
- Clickup - Recurrences, Assignees
- Factro - Assignees
- Nextcloud Deck - Assignees
- Trello - Assignees, Alerts
- Zube - Assignees

**Issue Trackers (only support Assignees)**
- Jira - Assignees
- Mantis - Assignees
First Feedback out from vendors

- WeKan
- 2Do
- ...


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That is all.