Scope

- Particular example use case for SML
- Illustrating an “email-specific” use case
Vacation notices

- “I am out of office from 2023-11-04 till 2023-11-10 and won’t reply to email during that time.”
- Autoresponder function supported by many email systems
- Mostly used in business
- Not really standardized (RFC5230 - Sieve vacation notice)

- Typical data included (in plain text)
  - Period of absence
  - If email is forwarded to someone else
  - Replacement persons to contact (“For matters of project X, please check with Mary”)
  - …?

- Needs manual processing by the recipient
Idea

- Allow absentees to include a machine-readable version of their vacation notice
  - Can be widely automated (Period of absence is already structured on absentee side)
  - Bonus: machine-readable version may even be attached to regular outgoing emails (even before actual leave)

- MUA of communication partner can make sense of vacation notice
  - Special highlighting
  - Quick action (“Compose forward message to Mary”)
  - Temporary storage to assist user (E.g. “warning on compose”)

JSON-LD/Schema.org proposal

```json
{
    "@context": "https://schema.org",
    "@type": "OutOfOffice",
    "start": "2023-08-15",
    "end": "2023-08-22",
    "isForwarded": false,
    "replacement": [
        {
            "@type": "OutOfOfficeReplacement",
            "name": "John Doe",
            "topic": "Project A",
            "email": "john@doe.com",
            "phone": "+1234567890"
        },
        {
            "@type": "OutOfOfficeReplacement",
            "name": "Jane Doe",
            "topic": "Project B",
            "email": "jane@doe.com",
            "phone": "+9876543210"
        }
    ],
    "note": "Some text"
}
```
Next steps

● Privacy issues?
  ○ Vacation notices as such are a debatable practice (see also RFC6133/RFC6134)

● Reference implementation
  ○ Open Source Plugin for Roundcube Webmail

● Continue with this document?
  ○ Refine initial data model
  ○ Related case: employee left company
  ○ Further ideas?