

Sieve for OOB notifications

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Sieve

- Standard language, well deployed
- Run when mail is delivered
- Decides where to file mail, what else to do
- Use Sieve to notify OOB for Lemonade?

Pieces of the puzzle

- IMAP Metadata extension: Control whether to notify
- Sieve Metadata extension: Sieve script finds out whether to notify
- Sieve Notify extension: Sends XMPP/SIP/SMS/... notification
- Sieve (RFC 3028, -bis)
- Sieve script is seldom changed, most users never see it
- Users adjust notifications by setting/clearing metadata flags on mailboxes

Example

- IMAP client sets "notify me" flag on Archive/Lemonade
- Message is delivered

- Sieve chooses to store it in Archive/Lemonade
- Sieve looks up the "notify me" flag
- Notification is sent - or not

Example script

```
require ["enotify", "mboxmetadata"];
if header :contains "Subject" "[Lemonade]"
    fileinto "Archive/Lemonade";
    if metadata :is :private "Archive/Lemonade"
        "/vendor/isode/notifications" "1" {
            notify :message "You've got a new
                "xmpp:harry.potter@example.c
        }
    } else {
        keep;
        if metadata :is :private "INBOX"
            "/vendor/isode/notifications" "1" {
                notify :message "You've got a new
                    "xmpp:harry.potter@example.c
            }
        }
    }
}
```

Hi there. We're honoured that you want to print this.