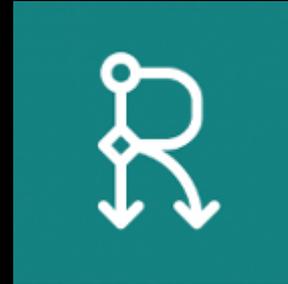


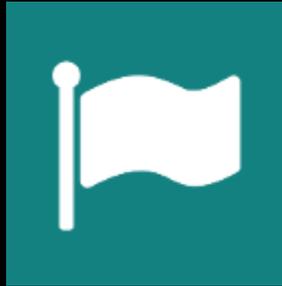
# FLAG AND RULES WORKING TOGETHER

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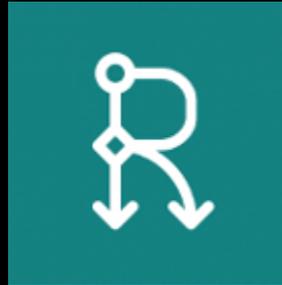
# FLAG MODULE

[drupal.org/project/flag](https://drupal.org/project/flag)



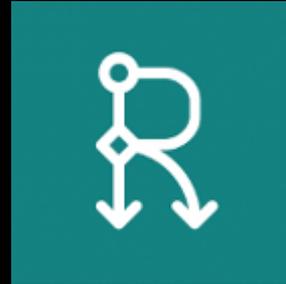
# RULES MODULE

[drupal.org/project/rules](https://drupal.org/project/rules)



# WARNING: I AM NOT AN EXPERT

When it comes to Rules and Flag, my knowledge is “just enough to be dangerous.”



# DOWNLOAD AND ENABLE MODULES

1. Download: Flag, Rules, Date, Views, cTools, Entity, Token, Interval
2. Enable: flag, flag\_actions, rules, rules\_admin, rules\_scheduler, views\_ui, date, date\_views

```
drush @yoursite en -y flag flag_actions rules
rules_admin rules_scheduler date token interval
email
```

# SET UP THE EVENT CONTENT TYPE

Add field: Date (ISO Format)

# SET UP THE FLAG

`/admin/structure/flags/add`

Flag type: Node

Add field: Interval "When to send reminder"\*

Add field: Email "Where to send reminder"\*

\* Required fields

# CREATE THE SEND MAIL COMPONENT

admin/config/workflow/rules/components

+Add new component

Parameter: Event (Node)

Parameter: Flagging (Flagging)

To: [flagging:field-email-address]

Subject: Reminder about [event:title] on [event:field\_date]

Body: Don't forget about [event:title] on [event:field\_date]

# CREATE THE RULE TO SCHEDULE THE COMPONENT

admin/config/workflow/rules

+Add new rule

React on event: Node is flagged

Condition: Entity has Field

Entity: Flagging

Field: 'When to send'

Action: Calculate a value

Calculation: flagging:field-when-to-send:interval \* -1

Provided Variables: "interval\_negated"

# CREATE THE RULE TO SCHEDULE THE COMPONENT (Continued)

Action: Apply interval to a date:

Interval Number: interval-negated

Interval Period: flagging:field-when-to-send:period

Date: flagged-node:field-date

Action: Schedule component evaluation:

Component: Send event reminder

Scheduled Evaluation Date: schedule-date

Flagging: flagging

Event: flagged-node

# SET UP THE IDENTIFIER

[flagged-node:nid]-

[flagging:field-email-address]-

[flagging:field-when-to-send:interval]-

[flagging:field-when-to-send:period]

# CREATE THE RULE TO DELETE THE SCHEDULED COMPONENT ON UNFLAG EVENT

admin/config/workflow/rules

+Add new rule

React on event: Node is flagged

Condition: Entity has Field

Entity: Flagging

Field: 'When to send'

Action: Rules Scheduler: Delete scheduled tasks:

Component: Send event reminder

# SET UP THE IDENTIFIER

[flagged-node:nid]-

[flagging:field-email-address]-

[flagging:field-when-to-send:interval]-

[flagging:field-when-to-send:period]