

Mitä?

- A+
 - +5933 -759 =5174 riviä koodia
 - Tagien kokonaisvaltainen uudistus
 - Mahdollisuus kansainvälistää JavaScriptiä
 - Kasa pienempiä ominaisuuksia ja bugfixejä

Mitä?

- Pieniä parannuksia a-plus-client, rst-tools, django-colortag, jsvee, mooc-grader, O1 oppimateriaali
- Skripti, jolla voi lisätä tageja automaattisesti
- Neuvontajonon englanninnos

Mitä tageilla pystyy nykyään tekemään?

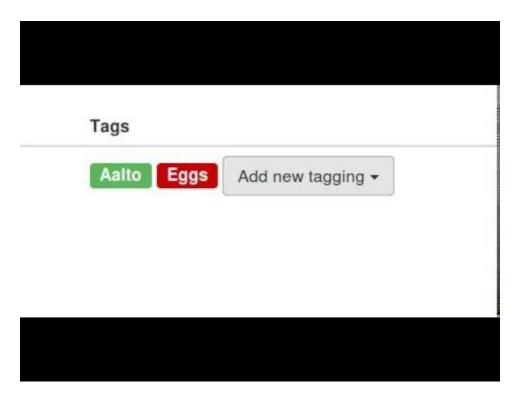
Mitä tageilla pystyi ennen tekemään?

Mitä tageilla pystyy nykyään tekemään?

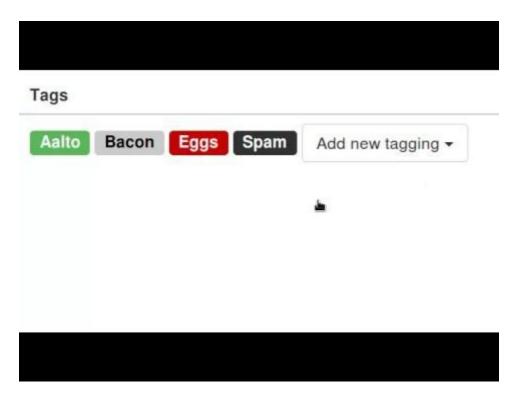
Tagien tekstiä voi lukea!



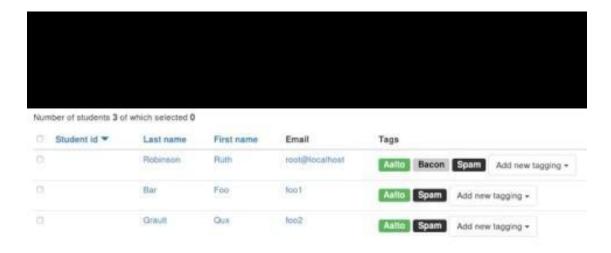
Tageja voi lisätä!



Tageja voi poistaa!



Voi lisätä ja poistaa monelle opiskelijalle kerralla!





Kurssimateriaalia voi kustomoida tagien perusteella!



Kananmunia, pekonia sekä sian- ja naudanlihasäilykettä

Tageja voi lisätä tehtävien vastausten perusteella!

self.send_response(204)

```
tag_slugs = (tag_for_form_value[field[0]][field[1]]
                                                                                                                                                             for field in submission_data
                                                                                                                                                             if field[0] in tag_for_form_value)
                                                                                                                          user_ids = (submitter['id'] for submitter in submitters)
                                                                                                                                                                                                                                                                                                                                        INFO: requests. packages. urllib3. connectionpool: Resetting dropped con
                                                                                                                                                                                                                                                                                                                                   Jection: localhost
DEBUG: requests.packages.urllib3.connectionpool:"GET /api/v2/submiss
                                                                                                                             post_dataset = (
                                                                                                                                                                                                                                                                                                                              Jons/108/ HTTP/1.1" 200 None

Courses/3/taggings/, headers=['Authorization': 'Token 14e94a47ccd')
                                                                                                                                                                                                                                                                                                               [MFO:requests.packages.urllib3.connectionpool:Resetting dropped con
                                                                                                                                                                                                                                                                                                             Jection: localhost

EBUG: requests. Packages. urllib3. connectionpool: "POST /api/v2/course
                                                                                                                                                                                                                                                                                            | 3/taggings/ | HTTP/1.1" | 201 | None | 172.18.0.3 - | 129/AUG/2018 | 13:46:16] | "POST / HTTP/1.1" | 204 - | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 16.0.5 | 
                                                                                                                                              for user_id in user_ids
                                                                                                                                              for tag_slug in tag_slugs)
class APlusCourseHookHTTPRequestHandler(BaseHTTPRequestHandler):
                                                                                                                                                api.do_post('{courses_url}{course_id}{taggings_url}
                                                                                                                                     for data in post_dataset:
                                                                                                                                                                                 .format(**CONFIG), json=data)
               content_length = int(self.headers['Content-Length'])
             post_data = parse_qs(self.rfile.read(content_length).decode('utf-8'))
                                                                                                                                                                                                                                                                                       httpd.serve_forever()
ever

httpd.serve_forever()
ever

lie "/usr/lib/python3.5/socketserver.py", line 232, in serve_for
            exercise_id, *_ = (int(id) for id in post_data['exercise_id'])
           submission_id, *_ = (int(id) for id in post_data['submission_id'])
                                                                                                                                                                                                                                                                               ready = selector.select(poll_interval)

fd_event_list = self.poll.poll(timeout)

select

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select
           # Wait before making requests to A+, because the submission is not ready
          # to be read from the API when A+ calls the hook
                                                                                                                                                                                                                                                                          fd_event_list = self._poll.poll(timeout)
                     (exercise_id, submission_id)).start()
```