

Chrono - Development #68260

Test flaky sur /api/agendas/recurring-events/

18 août 2022 14:36 - A. Berriot

Statut:	Fermé	Début:	18 août 2022
Priorité:	Normal	Echéance:	
Assigné à:	A. Berriot	% réalisé:	0%
Catégorie:		Temps estimé:	0:00 heure
Version cible:		Planning:	Non
Patch proposed:	Oui		

Description

Rencontré ponctuellement sur Jenkins, J'avais fait un correctif similaire dans [#68025](#).

```
cachedir: /tmp/tox-jenkins/chrono/wip/68248-Interdire-le-clic-sur-l-URL-d-un/py3-django22-codestyl  
e-coverage/.pytest_cache
```

```
django: settings: chrono.settings (from env)
```

```
rootdir: /var/lib/jenkins/workspace/Interdire-le-clic-sur-l-URL-d-un
```

```
plugins: django-4.5.2, cov-3.0.0, forked-1.4.0, freezegun-0.4.2, django-webtest-1.9.10, xdist-2.5.  
0
```

```
gw0 I / gw1 I / gw2 I
```

```
gw0 [1002] / gw1 [1002] / gw2 [1002]
```

```
..... [ 7%]  
..... [ 14%]  
..... [ 21%]  
..... [ 28%]  
..... [ 35%]  
..... [ 43%]  
..... [ 50%]  
..... [ 57%]  
.....F..... [ 64%]  
..... [ 71%]  
..... [ 79%]  
..... [ 86%]  
..... [ 93%]  
..... [100%]
```

```
===== FAILURES =====
```

```
_____ test_recurring_events_api_list_overlapping_events _____
```

```
[gw2] linux -- Python 3.9.2 /tmp/tox-jenkins/chrono/wip/68248-Interdire-le-clic-sur-l-URL-d-un/py3  
-django22-codestyle-coverage/bin/python
```

```
app = <django_webtest.DjangoTestApp object at 0x7f664554eeb0>
```

```
@pytest.mark.freeze_time('2021-09-06 12:00')
```

```
def test_recurring_events_api_list_overlapping_events(app):  
    agenda = Agenda.objects.create(label='First Agenda', kind='events')  
    Desk.objects.create(agenda=agenda, slug='_exceptions_holder')  
    start, end = now(), now() + datetime.timedelta(days=30)  
    Event.objects.create(  
        label='Event 12-14',  
        start_datetime=start,  
        duration=120,  
        places=2,  
        recurrence_end_date=end,  
        recurrence_days=[1],  
        agenda=agenda,  
    )  
    Event.objects.create(  
        label='Event 14-15',  
        start_datetime=start + datetime.timedelta(hours=2),  
        duration=60,  
        places=2,
```

```

        recurrence_end_date=end,
        recurrence_days=[1],
        agenda=agenda,
    )
    Event.objects.create(
        label='Event 15-17',
        start_datetime=start + datetime.timedelta(hours=3),
        duration=120,
        places=2,
        recurrence_end_date=end,
        recurrence_days=[1, 3, 5],
        agenda=agenda,
    )
    agenda2 = Agenda.objects.create(label='Second Agenda', kind='events')
    Desk.objects.create(agenda=agenda2, slug='_exceptions_holder')
    Event.objects.create(
        label='Event 12-18',
        start_datetime=start,
        duration=360,
        places=2,
        recurrence_end_date=end,
        recurrence_days=[1, 5],
        agenda=agenda2,
    )
    Event.objects.create(
        label='No duration',
        start_datetime=start,
        places=2,
        recurrence_end_date=end,
        recurrence_days=[5],
        agenda=agenda2,
    )

    resp = app.get(
        '/api/agendas/recurring-events/?agendas=first-agenda,second-agenda&sort=day&check_overlaps=true'
    )
>    assert [(x['id'], x['overlaps']) for x in resp.json['data']] == [
        ('first-agenda@event-12-14:1', ['second-agenda@event-12-18:1']),
        (
            'second-agenda@event-12-18:1',
            ['first-agenda@event-12-14:1', 'first-agenda@event-14-15:1', 'first-agenda@event-15-17:1'],
        ),
        ('first-agenda@event-14-15:1', ['second-agenda@event-12-18:1']),
        ('first-agenda@event-15-17:1', ['second-agenda@event-12-18:1']),
        ('first-agenda@event-15-17:3', []),
        ('second-agenda@event-12-18:5', ['first-agenda@event-15-17:5']),
        ('second-agenda@no-duration:5', []),
        ('first-agenda@event-15-17:5', ['second-agenda@event-12-18:5']),
    ]
E     AssertionError: assert [('first-agen...-17:5']], ...] == [('first-agen...-17:5']], ...)
E     At index 1 diff: ('second-agenda@event-12-18:1', ['first-agenda@event-15-17:1', 'first-agenda@event-14-15:1', 'first-agenda@event-12-14:1']) != ('second-agenda@event-12-18:1', ['first-agenda@event-12-14:1', 'first-agenda@event-14-15:1', 'first-agenda@event-15-17:1'])
E     Use -v to get more diff

tests/api/datetime/test_recurring_events.py:549: AssertionError
===== warnings summary =====

```

Demandes liées:

Lié à Chrono - Development #68248: Interdire le clic sur l'URL d'une source d...	Fermé	18 août 2022
Lié à Chrono - Development #68268: Test flaky sur /api/agendas/	Nouveau	18 août 2022

Révisions associées

Révision bc345dcb - 18 août 2022 15:41 - A. Berriot

misc: fixed flaky test on /api/agendas/recurring-events/ (#68260)

Révision cf57c91a - 18 août 2022 15:41 - A. Berriot

django3: fix django 3 being installed in django 2 test env in CI (#68260)

Historique

#1 - 18 août 2022 14:36 - A. Berriot

- Lié à Development #68248: Interdire le clic sur l'URL d'une source d'exception contenant un gabarit ajouté

#2 - 18 août 2022 14:37 - A. Berriot

- Fichier 0001-misc-fixed-flaky-test-on-api-agendas-recurring-event.patch ajouté

- Statut changé de Nouveau à Solution proposée

- Patch proposed changé de Non à Oui

#3 - 18 août 2022 14:38 - A. Berriot

Visiblement, l'ordering des données retournées n'est pas stable, en utilisant des set, on peut tester l'égalité sans tenir compte de l'ordering.

#4 - 18 août 2022 14:51 - A. Berriot

Deux autres tests qui pêtent sur Jenkins (alors que je n'ai modifié que du code d'un test dans mon patch...):

```
_____ test_booking_api_fillslots _____
[gw2] linux -- Python 3.9.2 /tmp/tox-jenkins/chrono/wip/68260-Test-flaky-sur-api-agendas-recur/py3-django22-co
destyle-coverage/bin/python

app = <django_webtest.DjangoTestApp object at 0x7f5f2d4a4370>
user = <User: john.doe>

def test_booking_api_fillslots(app, user):
    agenda = Agenda.objects.create(label='Foo bar', kind='events')
    events = []
    for i in range(3):
        events.append(
            Event.objects.create(
                label='Event', start_datetime=now() + datetime.timedelta(days=5 + i), places=20, agenda=ag
enda
            )
        )
    events_ids = [x.id for x in events]
    events_slugs = [x.slug for x in events]
    event = events[0]

    # unauthenticated
    resp = app.post('/api/agenda/%s/fillslots/' % agenda.slug, status=401)

    for agenda_key in (agenda.slug, agenda.id): # acces datetimes via agenda slug or id (legacy)
        resp_datetimes = app.get('/api/agenda/%s/datetimes/' % agenda_key)
        api_event_slugs = [x['id'] for x in resp_datetimes.json['data']]
>       assert api_event_slugs == events_slugs
E       AssertionError: assert ['event-1', '...', 'event-2'] == ['event', 'ev...1', 'event-2']
E           At index 0 diff: 'event-1' != 'event'
E           Use -v to get more diff
```

```
tests/api/fillslot/test_all.py:449: AssertionError
```

```
----- Captured log call -----
```

```
WARNING django.request:log.py:224 Unauthorized: /api/agenda/foo-bar/fillslots/
_____ test_booking_api_available _____
```

```
[gw2] linux -- Python 3.9.2 /tmp/tox-jenkins/chrono/wip/68260-Test-flaky-sur-api-agendas-recur/py3-django22-co
destyle-coverage/bin/python
```

```
app = <django_webtest.DjangoTestApp object at 0x7f5f2d7d4400>
```

```
user = <User: john.doe>
```

```
def test_booking_api_available(app, user):
    agenda = Agenda.objects.create(label='Foo bar', kind='events', minimal_booking_delay=0)
    for i in range(0, 10):
        event = Event.objects.create(
            slug='event-slug%i' % i,
            start_datetime=(now() + datetime.timedelta(days=5)).replace(hour=10, minute=i),
            places=20,
```

```
        agenda=agenda,
    )
    app.authorization = ('Basic', ('john.doe', 'password'))
```

```
with CaptureQueriesContext(connection) as ctx:
    resp = app.get('/api/agenda/%s/datetimes/' % agenda.slug)
    assert len(ctx.captured_queries) == 3
    assert resp.json['data'][-1]['places']['total'] == 20
    assert resp.json['data'][-1]['places']['available'] == 20
    assert resp.json['data'][-1]['places']['reserved'] == 0
    assert resp.json['data'][-1]['places']['full'] is False
    assert 'waiting_list_total' not in resp.json['data'][-1]['places']
```

```
resp = app.post_json('/api/agenda/%s/fillslot/%s/' % (agenda.pk, event.pk))
assert resp.json['err'] == 0
assert resp.json['places']['total'] == 20
assert resp.json['places']['available'] == 19
assert resp.json['places']['reserved'] == 1
assert resp.json['places']['full'] is False
assert 'waiting_list_total' not in resp.json['places']
```

```
resp = app.get('/api/agenda/%s/datetimes/' % agenda.slug)
assert resp.json['data'][-1]['places']['total'] == 20
> assert resp.json['data'][-1]['places']['available'] == 19
E assert 20 == 19
```

```
tests/api/fillslot/test_all.py:1022: AssertionError
```

```
===== warnings summary =====
```

```
<pre>
```

#5 - 18 août 2022 15:00 - A. Berriot

- Fichier 0001-misc-fixed-flaky-test-on-api-agendas-recurring-event.patch ajouté

#6 - 18 août 2022 15:04 - Valentin Deniaud

Mmmmh ce qui est flippant c'est que les tests plantent en django22, mais en fait non j'ai l'impression que l'environnement django22 installe Django3.2 :/

#7 - 18 août 2022 15:13 - A. Berriot

Valentin Deniaud a écrit :

Mmmmh ce qui est flippant c'est que les tests plantent en django22, mais en fait non j'ai l'impression que l'environnement django22 installe Django3.2 :/

Oui... ça sent la dépendance qui force django 3 à un moment

#8 - 18 août 2022 15:18 - A. Berriot

c'est django-filter qui force une dépendance à django>=3.2,

```
$ pipdeptree
chrono==2.54.post7+g286abba.dirty
- django [required: >=2.2,<3.3, installed: 3.2.15]
  - asgiref [required: >=3.3.2,<4, installed: 3.5.2]
  - pytz [required: Any, installed: 2022.2.1]
  - sqlparse [required: >=0.2.2, installed: 0.4.2]
- django-filter [required: Any, installed: 22.1]
  - Django [required: >=3.2, installed: 3.2.15]
  - asgiref [required: >=3.3.2,<4, installed: 3.5.2]
  - pytz [required: Any, installed: 2022.2.1]
  - sqlparse [required: >=0.2.2, installed: 0.4.2]
- django-rest-framework [required: >=3.4, installed: 3.13.1]
  - django [required: >=2.2, installed: 3.2.15]
  - asgiref [required: >=3.3.2,<4, installed: 3.5.2]
  - pytz [required: Any, installed: 2022.2.1]
  - sqlparse [required: >=0.2.2, installed: 0.4.2]
  - pytz [required: Any, installed: 2022.2.1]
- gadjo [required: Any, installed: 1.18]
  - XStatic [required: Any, installed: 1.0.2]
  - XStatic-Font-Awesome [required: Any, installed: 4.7.0.0]
  - XStatic-jQuery [required: Any, installed: 3.5.1.1]
  - XStatic-jquery-ui [required: Any, installed: 1.13.0.1]
```

- XStatic-jQuery [required: Any, installed: 3.5.1.1]
- XStatic-OpenSans [required: Any, installed: 1.0.0]
- python-dateutil [required: Any, installed: 2.8.2]
- six [required: >=1.5, installed: 1.16.0]
- requests [required: Any, installed: 2.28.1]
- certifi [required: >=2017.4.17, installed: 2022.6.15]
- charset-normalizer [required: >=2,<3, installed: 2.1.0]
- idna [required: >=2.5,<4, installed: 3.3]
- urllib3 [required: >=1.21.1,<1.27, installed: 1.26.11]
- vobject [required: Any, installed: 0.9.6.1]
- python-dateutil [required: >=2.4.0, installed: 2.8.2]
- six [required: >=1.5, installed: 1.16.0]
- weasyprint [required: <0.43, installed: 0.42.3]
- cairocffi [required: >=0.5, installed: 1.3.0]
- cffi [required: >=1.1.0, installed: 1.15.1]
- pycparser [required: Any, installed: 2.21]
- CairoSVG [required: >=1.0.20, installed: 2.5.2]
- cairocffi [required: Any, installed: 1.3.0]
- cffi [required: >=1.1.0, installed: 1.15.1]
- pycparser [required: Any, installed: 2.21]
- cssselect2 [required: Any, installed: 0.6.0]
- tinycss2 [required: Any, installed: 1.1.1]
- webencodings [required: >=0.4, installed: 0.5.1]
- webencodings [required: Any, installed: 0.5.1]
- defusedxml [required: Any, installed: 0.7.1]
- pillow [required: Any, installed: 9.2.0]
- tinycss2 [required: Any, installed: 1.1.1]
- webencodings [required: >=0.4, installed: 0.5.1]
- cffi [required: >=0.6, installed: 1.15.1]
- pycparser [required: Any, installed: 2.21]
- cssselect2 [required: >=0.1, installed: 0.6.0]
- tinycss2 [required: Any, installed: 1.1.1]
- webencodings [required: >=0.4, installed: 0.5.1]
- webencodings [required: Any, installed: 0.5.1]
- html5lib [required: >=0.999999999, installed: 1.1]
- six [required: >=1.9, installed: 1.16.0]
- webencodings [required: Any, installed: 0.5.1]
- pdfcrow [required: >=0.4, installed: 0.4]
- Pyphen [required: >=0.8, installed: 0.12.0]
- tinycss2 [required: >=0.5, installed: 1.1.1]
- webencodings [required: >=0.4, installed: 0.5.1]
- workalendar [required: Any, installed: 16.3.0]
- convertdate [required: Any, installed: 2.4.0]
- pymeeus [required: >=0.3.13,<=1, installed: 0.5.11]
- lunardate [required: Any, installed: 0.2.0]
- pyluach [required: Any, installed: 2.0.0]
- python-dateutil [required: Any, installed: 2.8.2]
- six [required: >=1.5, installed: 1.16.0]

django-mellon==1.34

- atomicwrites [required: Any, installed: 1.4.1]
- django [required: >=2.2,<3.3, installed: 3.2.15]
- asgiref [required: >=3.3.2,<4, installed: 3.5.2]
- pytz [required: Any, installed: 2022.2.1]
- sqlparse [required: >=0.2.2, installed: 0.4.2]
- isodate [required: Any, installed: 0.6.1]
- six [required: Any, installed: 1.16.0]
- requests [required: Any, installed: 2.28.1]
- certifi [required: >=2017.4.17, installed: 2022.6.15]
- charset-normalizer [required: >=2,<3, installed: 2.1.0]
- idna [required: >=2.5,<4, installed: 3.3]
- urllib3 [required: >=1.21.1,<1.27, installed: 1.26.11]

django-webtest==1.9.10

- webtest [required: >=1.3.3, installed: 3.0.0]
- beautifulsoup4 [required: Any, installed: 4.11.1]
- soupsieve [required: >1.2, installed: 2.3.2.post1]
- waitress [required: >=0.8.5, installed: 2.1.2]
- WebOb [required: >=1.2, installed: 1.8.7]

httmock==1.4.0

- requests [required: >=1.0.0, installed: 2.28.1]
- certifi [required: >=2017.4.17, installed: 2022.6.15]
- charset-normalizer [required: >=2,<3, installed: 2.1.0]
- idna [required: >=2.5,<4, installed: 3.3]
- urllib3 [required: >=1.21.1,<1.27, installed: 1.26.11]

mock==3.0.5

- six [required: Any, installed: 1.16.0]

```

pipdeptree==2.2.1
- pip [required: >=6.0.0, installed: 22.2.2]
psycogp2-binary==2.8.6
publik-django-templatetags==0.3
- django [required: Any, installed: 3.2.15]
- asgiref [required: >=3.3.2,<4, installed: 3.5.2]
- pytz [required: Any, installed: 2022.2.1]
- sqlparse [required: >=0.2.2, installed: 0.4.2]
- requests [required: Any, installed: 2.28.1]
- certifi [required: >=2017.4.17, installed: 2022.6.15]
- charset-normalizer [required: >=2,<3, installed: 2.1.0]
- idna [required: >=2.5,<4, installed: 3.3]
- urllib3 [required: >=1.21.1,<1.27, installed: 1.26.11]
pylint-django==2.5.3
- pylint [required: >=2.0,<3, installed: 2.14.5]
- astroid [required: >=2.11.6,<=2.12.0-dev0, installed: 2.11.7]
  - lazy-object-proxy [required: >=1.4.0, installed: 1.7.1]
  - setuptools [required: >=20.0, installed: 63.2.0]
  - wrapt [required: >=1.11,<2, installed: 1.14.1]
- dill [required: >=0.2, installed: 0.3.5.1]
- isort [required: >=4.2.5,<6, installed: 5.10.1]
- mccabe [required: >=0.6,<0.8, installed: 0.7.0]
- platformdirs [required: >=2.2.0, installed: 2.5.2]
- tomli [required: >=1.1.0, installed: 2.0.1]
- tomlkit [required: >=0.10.1, installed: 0.11.4]
- pylint-plugin-utils [required: >=0.7, installed: 0.7]
- pylint [required: >=1.7, installed: 2.14.5]
  - astroid [required: >=2.11.6,<=2.12.0-dev0, installed: 2.11.7]
    - lazy-object-proxy [required: >=1.4.0, installed: 1.7.1]
    - setuptools [required: >=20.0, installed: 63.2.0]
    - wrapt [required: >=1.11,<2, installed: 1.14.1]
  - dill [required: >=0.2, installed: 0.3.5.1]
  - isort [required: >=4.2.5,<6, installed: 5.10.1]
  - mccabe [required: >=0.6,<0.8, installed: 0.7.0]
  - platformdirs [required: >=2.2.0, installed: 2.5.2]
  - tomli [required: >=1.1.0, installed: 2.0.1]
  - tomlkit [required: >=0.10.1, installed: 0.11.4]
pyquery==1.4.3
- cssselect [required: >0.7.9, installed: 1.1.0]
- lxml [required: >=2.1, installed: 4.9.1]
pytest-cov==3.0.0
- coverage [required: >=5.2.1, installed: 6.4.4]
- pytest [required: >=4.6, installed: 7.1.2]
  - attrs [required: >=19.2.0, installed: 22.1.0]
  - iniconfig [required: Any, installed: 1.1.1]
  - packaging [required: Any, installed: 21.3]
  - pyparsing [required: >=2.0.2,!3.0.5, installed: 3.0.9]
  - pluggy [required: >=0.12,<2.0, installed: 1.0.0]
  - py [required: >=1.8.2, installed: 1.11.0]
  - tomli [required: >=1.0.0, installed: 2.0.1]
pytest-django==4.5.2
- pytest [required: >=5.4.0, installed: 7.1.2]
- attrs [required: >=19.2.0, installed: 22.1.0]
- iniconfig [required: Any, installed: 1.1.1]
- packaging [required: Any, installed: 21.3]
  - pyparsing [required: >=2.0.2,!3.0.5, installed: 3.0.9]
- pluggy [required: >=0.12,<2.0, installed: 1.0.0]
- py [required: >=1.8.2, installed: 1.11.0]
- tomli [required: >=1.0.0, installed: 2.0.1]
pytest-freezegun==0.4.2
- freezegun [required: >0.3, installed: 1.2.2]
- python-dateutil [required: >=2.7, installed: 2.8.2]
  - six [required: >=1.5, installed: 1.16.0]
- pytest [required: >=3.0.0, installed: 7.1.2]
  - attrs [required: >=19.2.0, installed: 22.1.0]
  - iniconfig [required: Any, installed: 1.1.1]
  - packaging [required: Any, installed: 21.3]
  - pyparsing [required: >=2.0.2,!3.0.5, installed: 3.0.9]
  - pluggy [required: >=0.12,<2.0, installed: 1.0.0]
  - py [required: >=1.8.2, installed: 1.11.0]
  - tomli [required: >=1.0.0, installed: 2.0.1]
pytest-xdist==2.5.0
- execnet [required: >=1.1, installed: 1.9.0]
- pytest [required: >=6.2.0, installed: 7.1.2]
  - attrs [required: >=19.2.0, installed: 22.1.0]

```

```
- iniconfig [required: Any, installed: 1.1.1]
- packaging [required: Any, installed: 21.3]
  - pyparsing [required: >=2.0.2,!=3.0.5, installed: 3.0.9]
- pluggy [required: >=0.12,<2.0, installed: 1.0.0]
- py [required: >=1.8.2, installed: 1.11.0]
- tomli [required: >=1.0.0, installed: 2.0.1]
- pytest-forked [required: Any, installed: 1.4.0]
  - py [required: Any, installed: 1.11.0]
  - pytest [required: >=3.10, installed: 7.1.2]
    - attrs [required: >=19.2.0, installed: 22.1.0]
    - iniconfig [required: Any, installed: 1.1.1]
    - packaging [required: Any, installed: 21.3]
      - pyparsing [required: >=2.0.2,!=3.0.5, installed: 3.0.9]
      - pluggy [required: >=0.12,<2.0, installed: 1.0.0]
      - py [required: >=1.8.2, installed: 1.11.0]
      - tomli [required: >=1.0.0, installed: 2.0.1]
wheel==0.37.1
```

#9 - 18 août 2022 15:22 - Frédéric Péters

Au cas où, si tu connais un truc pour dire à tox "après avoir installé les modules vérifie que les versions correspondent à ce qui est listé dans le tox.ini", on prend, ça n'est pas la première fois qu'on est "surpris" ainsi.

#10 - 18 août 2022 15:29 - A. Berriot

Frédéric Péters a écrit :

Au cas où, si tu connais un truc pour dire à tox "après avoir installé les modules vérifie que les versions correspondent à ce qui est listé dans le tox.ini", on prend, ça n'est pas la première fois qu'on est "surpris" ainsi.

La solution fiable pour ce genre de choses c'est d'utiliser un gestionnaire de dépendances avec un lockfile comme Poetry ou Pipenv, pour éviter que chaque nouvelle release d'un projet (ici django-filter) puisse affecter la CI en installant silencieusement d'autres versions et des dépendances.

#11 - 18 août 2022 15:30 - A. Berriot

- Fichier 0001-misc-fixed-flaky-test-on-api-agendas-recurring-event.patch ajouté

- Fichier 0002-django3-fix-django-3-being-installed-in-django-2-test.patch ajouté

#12 - 18 août 2022 15:40 - Valentin Deniaud

- Statut changé de Solution proposée à Solution validée

Tu pourras ouvrir un autre ticket pour les deux autres tests qui ont planté ?

#13 - 18 août 2022 15:41 - A. Berriot

- Statut changé de Solution validée à Résolu (à déployer)

```
commit cf57c91aa84d1dc0ae4f690d57f293f8c3eeb2ee
Author: Agate Berriot <aberriot@entrouvert.com>
Date: Thu Aug 18 15:21:23 2022 +0200
```

```
django3: fix django 3 being installed in django 2 test env in CI (#68260)
```

```
commit bc345dcbfa5a9bace3d81e64b3e600ad762b5855
Author: Agate Berriot <aberriot@entrouvert.com>
Date: Thu Aug 18 14:37:36 2022 +0200
```

```
misc: fixed flaky test on /api/agendas/recurring-events/ (#68260)
```

#14 - 18 août 2022 15:43 - A. Berriot

- Lié à Development #68268: Test flaky sur /api/agendas/ ajouté

#15 - 18 août 2022 19:15 - Transition automatique

- Statut changé de Résolu (à déployer) à Solution déployée

#16 - 23 octobre 2022 04:42 - Transition automatique

Automatic expiration

Fichiers

0001-misc-fixed-flaky-test-on-api-agendas-recurring-event.patch	2,25 ko	18 août 2022	A. Berriot
0001-misc-fixed-flaky-test-on-api-agendas-recurring-event.patch	2,22 ko	18 août 2022	A. Berriot
0001-misc-fixed-flaky-test-on-api-agendas-recurring-event.patch	2,23 ko	18 août 2022	A. Berriot
0002-django3-fix-django-3-being-installed-in-django-2-tes.patch	755 octets	18 août 2022	A. Berriot