

## BiJoe - Development #53403

### erreur django-select2 (avec django 2.2 ?)

24 avril 2021 11:41 - Frédéric Péters

<b>Statut:</b>	Fermé	<b>Début:</b>	24 avril 2021
<b>Priorité:</b>	Normal	<b>Echéance:</b>	
<b>Assigné à:</b>	Valentin Deniaud	<b>% réalisé:</b>	0%
<b>Catégorie:</b>		<b>Temps estimé:</b>	0:00 heure
<b>Version cible:</b>		<b>Planning:</b>	Non
<b>Patch proposed:</b>	Oui		
<b>Description</b>			
<pre>Internal Server Error: /visualization/warehouse/demarches_guichet_recette_grandlyon_com/formdata_voirie_et_signalisation/  NotImplementedError at /visualization/warehouse/demarches_guichet_recette_grandlyon_com/formdata_voirie_et_signalisation/ You need to overwrite "set_to_cache" or ensure that Select2ChoicesWidget is serialisable.  Request Method: GET Request URL: https://statistiques.guichet-recette.grandlyon.com/visualization/warehouse/demarches_guichet_recette_grandlyon_com/formdata_voirie_et_signalisation/ Django Version: 2.2.20 Python Executable: /usr/bin/uwsgi-core Python Version: 3.7.3 Python Path: ['.', '', '/usr/lib/python3.7.zip', '/usr/lib/python3.7', '/usr/lib/python3.7/lib-dynload', '/usr/local/lib/python3.7/dist-packages', '/usr/lib/python3/dist-packages'] Server time: sam, 24 Avr 2021 11:39:17 +0200 Installed Applications: '' Installed Middleware: ''  Traceback:  File "/usr/lib/python3/dist-packages/django_select2/forms.py" in set_to_cache  261.             cache.set(self._get_cache_key(), {  File "/usr/lib/python3/dist-packages/django_select2/forms.py" in _get_cache_key  251.         return "%s%s" % (settings.SELECT2_CACHE_PREFIX, id(self))  File "/usr/lib/python3/dist-packages/hobo/multitenant/apps.py" in &lt;lambda&gt;  22.         conf.LazySettings.__getattr__ = lambda self, name: getattr(self._wrapped, name)  File "/usr/lib/python3/dist-packages/hobo/multitenant/settings.py" in __getattr__  97.         return getattr(self.get_wrapped(), name)  File "/usr/lib/python3/dist-packages/django/conf/__init__.py" in __getattr__  222.         return getattr(self.default_settings, name)  During handling of the above exception ('Settings' object has no attribute 'SELECT2_CACHE_PREFIX') , another exception occurred:  File "/usr/lib/python3/dist-packages/django/core/handlers/exception.py" in inner  34.         response = get_response(request)  File "/usr/lib/python3/dist-packages/django/core/handlers/base.py" in _get_response  145.         response = self.process_exception_by_middleware(e, request)  File "/usr/lib/python3/dist-packages/django/core/handlers/base.py" in _get_response  143.         response = response.render()  File "/usr/lib/python3/dist-packages/django/template/response.py" in render</pre>			

```
106.         self.content = self.rendered_content
File "/usr/lib/python3/dist-packages/django/template/response.py" in rendered_content
83.         content = template.render(context, self._request)
File "/usr/lib/python3/dist-packages/django/template/backends/django.py" in render
61.         return self.template.render(context)
File "/usr/lib/python3/dist-packages/django/template/base.py" in render
171.         return self._render(context)
File "/usr/lib/python3/dist-packages/django/template/base.py" in _render
163.         return self.nodelist.render(context)
File "/usr/lib/python3/dist-packages/django/template/base.py" in render
937.         bit = node.render_annotated(context)
File "/usr/lib/python3/dist-packages/django/template/base.py" in render_annotated
904.         return self.render(context)
File "/usr/lib/python3/dist-packages/django/template/loader_tags.py" in render
150.         return compiled_parent._render(context)
File "/usr/lib/python3/dist-packages/django/template/base.py" in _render
163.         return self.nodelist.render(context)
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File "/usr/lib/python3/dist-packages/django/template/loader_tags.py" in render
62.         result = block.nodelist.render(context)
File "/usr/lib/python3/dist-packages/django/template/base.py" in render
937.         bit = node.render_annotated(context)
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```

```
File "/usr/lib/python3/dist-packages/django/template/base.py" in render
937.             bit = node.render_annotated(context)

File "/usr/lib/python3/dist-packages/django/template/base.py" in render_annotated
904.             return self.render(context)

File "/usr/lib/python3/dist-packages/django/template/defaulttags.py" in render
209.             nodelist.append(node.render_annotated(context))

File "/usr/lib/python3/dist-packages/django/template/base.py" in render_annotated
904.             return self.render(context)

File "/usr/lib/python3/dist-packages/django/template/defaulttags.py" in render
309.             return nodelist.render(context)

File "/usr/lib/python3/dist-packages/django/template/base.py" in render
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188.             return template.render(context)

File "/usr/lib/python3/dist-packages/django/template/base.py" in render
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904.             return self.render(context)

File "/usr/lib/python3/dist-packages/django/template/base.py" in render
993.             return render_value_in_context(output, context)

File "/usr/lib/python3/dist-packages/django/template/base.py" in render_value_in_context
972.             value = str(value)

File "/usr/lib/python3/dist-packages/django/utils/html.py" in <lambda>
388.             klass.__str__ = lambda self: mark_safe(klass_str(self))

File "/usr/lib/python3/dist-packages/django/forms/boundfield.py" in __str__
33.             return self.as_widget()

File "/usr/lib/python3/dist-packages/django/forms/boundfield.py" in as_widget
93.             renderer=self.form.renderer,

File "/usr/lib/python3/dist-packages/django_select2/forms.py" in render
247.             self.set_to_cache()

File "/usr/lib/python3/dist-packages/django_select2/forms.py" in set_to_cache
267.             raise NotImplementedError(msg % self.__class__.__name__)

Exception Type: NotImplementedError at /visualization/warehouse/demarches_guichet_recette_grandlyo
n_com/formdata_voirie_et_signalisation/
Exception Value: You need to overwrite "set_to_cache" or ensure that Select2ChoicesWidget is seria
lisable.
Request information:
USER: cf6c572dee184210a3af6a0067fbfe
GET: No GET data
```

POST: No POST data

FILES: No FILES data

COOKIES:

```
csrftoken-35eb5b = 'ZdCaJSVu6ipzMdX7ofLijYDBRxNQDxwQAw1UQKSyJjFw0Ja0gfN2RHEUaAp4YmVa'  
publik_portal_agent_url = 'https%3A%2F%2Fportail-agent.guichet-recette.grandlyon.com%2F'  
publik_portal_agent_title = 'Portail%20Agent'  
a2-opened-session-6cd604 = '1'  
sessionId-35eb5b = 'vhw2rpmq36v0q9vzwi7s572dfp510k9d'
```

META:

```
CSRF_COOKIE = 'ZdCaJSVu6ipzMdX7ofLijYDBRxNQDxwQAw1UQKSyJjFw0Ja0gfN2RHEUaAp4YmVa'  
CSRF_COOKIE_USED = True  
HTTP_ACCEPT = 'text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8'  
HTTP_ACCEPT_ENCODING = 'gzip, deflate, br'  
HTTP_ACCEPT_LANGUAGE = 'fr,en;q=0.7,es;q=0.3'  
HTTP_CONNECTION = 'close'  
HTTP_COOKIE = 'csrftoken-35eb5b=ZdCaJSVu6ipzMdX7ofLijYDBRxNQDxwQAw1UQKSyJjFw0Ja0gfN2RHEUaAp4YmVa;  
publik_portal_agent_url=https%3A%2F%2Fportail-agent.guichet-recette.grandlyon.com%2F; publik_porta  
l_agent_title=Portail%20Agent; a2-opened-session-6cd604=1; sessionId-35eb5b=vhw2rpmq36v0q9vzwi7s57  
2dfp510k9d'  
HTTP_DNT = '1'  
HTTP_HOST = 'statistiques.guichet-recette.grandlyon.com'  
HTTP_REFERER = 'https://statistiques.guichet-recette.grandlyon.com/'  
HTTP_SEC_GPC = '1'  
HTTP_UPGRADE_INSECURE_REQUESTS = '1'  
HTTP_USER_AGENT = 'Mozilla/5.0 (X11; Linux x86_64; rv:88.0) Gecko/20100101 Firefox/88.0'  
HTTP_X_FORWARDED_FOR = '77.109.96.212, 10.128.2.98'  
HTTP_X_FORWARDED_PORT = '443'  
HTTP_X_FORWARDED_PROTO = 'https'  
HTTP_X_FORWARDED_PROTOCOL = 'ssl'  
HTTP_X_FORWARDED_SSL = 'on'  
HTTP_X_REAL_IP = '10.128.2.98'  
PATH_INFO = '/visualization/warehouse/demarches_guichet_recette_grandlyon_com/formdata_voirie_et_s  
ignalisation/'  
QUERY_STRING = ''  
REMOTE_ADDR = '77.109.96.212'  
REQUEST_METHOD = 'GET'  
REQUEST_URI = '/visualization/warehouse/demarches_guichet_recette_grandlyon_com/formdata_voirie_et  
_signalisation/'  
SCRIPT_NAME = ''  
SERVER_NAME = 'pddv-gdlyon-gnm-front-2.synaaps.local'  
SERVER_PORT = '80'  
SERVER_PROTOCOL = 'HTTP/1.0'  
uwsgi.node = b'pddv-gdlyon-gnm-front-2.synaaps.local'  
uwsgi.version = b'2.0.18-debian'  
wsgi.errors = <_io.TextIOWrapper name=2 mode='w' encoding='UTF-8'>  
wsgi.file_wrapper = ''  
wsgi.input = <uwsgi._Input object at 0x7f8050c43f90>  
wsgi.multiprocess = True  
wsgi.multithread = False  
wsgi.run_once = False  
wsgi.url_scheme = 'https'  
wsgi.version = '(1, 0)'
```

Settings:

Using settings module

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## Révisions associées

Révision aec477dd - 27 avril 2021 17:09 - Valentin Deniaud

settings: explicitly set select2 cache prefix (#53403)

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## Historique

#1 - 26 avril 2021 10:05 - Valentin Deniaud

- Assigné à mis à Valentin Deniaud

### #3 - 27 avril 2021 15:06 - Valentin Deniaud

- Statut changé de Nouveau à En cours

Le gros de la trace c'est du bruit, l'important c'est au début 'Settings' object has no attribute 'SELECT2\_CACHE\_PREFIX').

Je ne reproduis ni en local ni sur le SaaS, il doit y avoir une conf particulière au CD31 et à GL...

### #4 - 27 avril 2021 15:14 - Frédéric Péters

Ça arrive où/comment settings.SELECT2\_CACHE\_PREFIX ?

Dans bijoe on l'utilise et on la définit uniquement dans les tests : (?)

```
bijoe/visualization/views.py:         cache_key = '%s%s' % (settings.SELECT2_CACHE_PREFIX, key)
tests/settings.py:SELECT2_CACHE_PREFIX = 'select2_'
```

### #5 - 27 avril 2021 15:19 - Frédéric Péters

Je me réponds, gros bazar django-appconf, qui fait qu'in fine ça vient de l'attribut CACHE\_PREFIX de la classe dans le conf.py de django\_select2.

### #6 - 27 avril 2021 15:24 - Valentin Deniaud

Oui et l'ajout dans les tests vient embrouiller le tout je crois qu'il ne sert à rien.

### #8 - 27 avril 2021 16:13 - Valentin Deniaud

Si je vais sur un shell des serveurs concernés et que je tape settings.SELECT2\_CACHE\_PREFIX ça marche.

Comme ça m'a fait douter de mon analyse, je suis allé poser via hobo un SETTING\_SELECT2\_CACHE\_PREFIX (sur GL) et hop ça remarche. Je l'enlève et hop ça replante.

Donc c'est bien ça, la pose des settings par défaut de django-select2 via django-appconf ne fonctionne plus sur ces serveurs en django 2.2.

Le fix simple sans comprendre ce serait de définir explicitement ça dans les settings de bijoe, ce que j'ai quand même bien envie de faire.

### #9 - 27 avril 2021 17:10 - Valentin Deniaud

- Fichier 0001-settings-explicitly-set-select2-cache-prefix-53403.patch ajouté

- Tracker changé de Bug à Development

- Statut changé de En cours à Solution proposée

- Patch proposed changé de Non à Oui

Pas d'inspiration pour continuer l'analyse, patch sans comprendre donc.

### #11 - 28 avril 2021 10:42 - Emmanuel Cazenave

- Statut changé de Solution proposée à Solution validée

### #12 - 28 avril 2021 10:52 - Valentin Deniaud

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

```
commit aec477ddf36e7026e54e73461ab6af98121e0ba9
Author: Valentin Deniaud <vdeniaud@entrouvert.com>
Date: Tue Apr 27 17:09:02 2021 +0200
```

```
settings: explicitly set select2 cache prefix (#53403)
```

### #13 - 28 avril 2021 12:17 - Frédéric Péters

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

## Fichiers

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0001-settings-explicitly-set-select2-cache-prefix-53403.patch	655 octets	27 avril 2021	Valentin Deniaud
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