

w.c.s. - Development #57635

Sur un appel à /backoffice/management/contacter-le-departement/*/live des appels à FormPage.set_default_view() sont faits qui ne semblent pas tous nécessaires voir redondant

06 octobre 2021 11:20 - Benjamin Dauvergne

Statut:	Nouveau	Début:	06 octobre 2021
Priorité:	Normal	Echéance:	
Assigné à:		% réalisé:	0%
Catégorie:		Temps estimé:	0:00 heure
Version cible:		Planning:	Non
Patch proposed:	Non		
Description			
<pre>oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/quixote/directory.py", 1 line 88, in _q_traverse oct. 05 18:30:55 wcs uwsgi[31963]: return obj._q_traverse(path) oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/backoffice/managemen t.py", line 153, in _q_traverse oct. 05 18:30:55 wcs uwsgi[31963]: return super()._q_traverse(path) oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/quixote/directory.py", 1 line 82, in _q_traverse oct. 05 18:30:55 wcs uwsgi[31963]: obj = self._q_lookup(component) oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/backoffice/managemen t.py", line 768, in _q_lookup oct. 05 18:30:55 wcs uwsgi[31963]: return FormPage(component) oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/backoffice/managemen t.py", line 809, in __init__ oct. 05 18:30:55 wcs uwsgi[31963]: self.set_default_view() oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/backoffice/managemen t.py", line 814, in set_default_view oct. 05 18:30:55 wcs uwsgi[31963]: custom_views = list(self.get_custom_views()) oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/backoffice/managemen t.py", line 855, in get_custom_views oct. 05 18:30:55 wcs uwsgi[31963]: for view in get_publisher().custom_view_class.select(clause = criterias): oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/sql.py", line 505, i n f oct. 05 18:30:55 wcs uwsgi[31963]: return func(*args, **kwargs) oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/sql.py", line 1716, in select oct. 05 18:30:55 wcs uwsgi[31963]: return list(objects) oct. 05 18:30:55 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/sql.py", line 1649, in select_iterator oct. 05 18:30:55 wcs uwsgi[31963]: traceback.print_stack(limit=10) oct. 05 18:30:56 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/quixote/directory.py", 1 line 116, in _q_traverse oct. 05 18:30:56 wcs uwsgi[31963]: return super(AccessControlled, self)._q_traverse(path) oct. 05 18:30:56 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/quixote/directory.py", 1 line 88, in _q_traverse oct. 05 18:30:56 wcs uwsgi[31963]: return obj._q_traverse(path) oct. 05 18:30:56 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/backoffice/managemen t.py", line 153, in _q_traverse oct. 05 18:30:56 wcs uwsgi[31963]: return super()._q_traverse(path) oct. 05 18:30:56 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/quixote/directory.py", 1 line 88, in _q_traverse oct. 05 18:30:56 wcs uwsgi[31963]: return obj._q_traverse(path) oct. 05 18:30:56 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/quixote/directory.py", 1 line 82, in _q_traverse oct. 05 18:30:56 wcs uwsgi[31963]: obj = self._q_lookup(component) oct. 05 18:30:56 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/backoffice/managemen t.py", line 2429, in _q_lookup</pre>			

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oct. 05 18:30:56 wcs uwsgi[31963]:         for view in self.get_custom_views():
oct. 05 18:30:56 wcs uwsgi[31963]:     File "/usr/lib/python3/dist-packages/wcs/backoffice/management.py", line 855, in get_custom_views
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oct. 05 18:30:56 wcs uwsgi[31963]:     File "/usr/lib/python3/dist-packages/wcs/data_sources.py", li
ne 267, in get_structured_items
oct. 05 18:30:56 wcs uwsgi[31963]:         items = _get_structured_items(data_source, mode=mode)
oct. 05 18:30:56 wcs uwsgi[31963]:     File "/usr/lib/python3/dist-packages/wcs/data_sources.py", li
ne 280, in _get_structured_items
oct. 05 18:30:56 wcs uwsgi[31963]:         return CardDef.get_data_source_items(data_source['type'])
oct. 05 18:30:56 wcs uwsgi[31963]:     File "/usr/lib/python3/dist-packages/wcs/carddef.py", line 20
7, in get_data_source_items
oct. 05 18:30:56 wcs uwsgi[31963]:         criterias.extend(custom_view.get_criterias(formdef=carddef)
)
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ne 161, in get_criterias
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oct. 05 18:30:57 wcs uwsgi[31963]:     File "/usr/lib/python3/dist-packages/wcs/formdef.py", line 77
9, in set_live_condition_sources
oct. 05 18:30:57 wcs uwsgi[31963]:         varnames = data_source.get_referenced_varnames(formdef=self
)
oct. 05 18:30:57 wcs uwsgi[31963]:     File "/usr/lib/python3/dist-packages/wcs/data_sources.py", li
ne 806, in get_referenced_varnames
oct. 05 18:30:57 wcs uwsgi[31963]:         return CardDef.get_data_source_referenced_varnames(self.type
, formdef=formdef)
oct. 05 18:30:57 wcs uwsgi[31963]:     File "/usr/lib/python3/dist-packages/wcs/carddef.py", line 28
0, in get_data_source_referenced_varnames
oct. 05 18:30:57 wcs uwsgi[31963]:         for criteria in custom_view.get_criterias(formdef=carddef):
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oct. 05 18:30:58 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/forms/common.py", line 761, in live_process_fields
oct. 05 18:30:58 wcs uwsgi[31963]: varnames = data_source.get_referenced_varnames(field.formdef)
oct. 05 18:30:58 wcs uwsgi[31963]: File "/usr/lib/python3/dist-packages/wcs/data_sources.py", line 806, in get_referenced_varnames
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Pour les appels venant de `_q_loopkup` ou `set_default_view`, je pense qu'ils sont inutiles. Pour les appels venant de `get_data_source_referenced_varnames/get_data_source_items` on doit pouvoir faire du cache sur la requête.

Je comprends bien que ce ne sont pas les vues des mêmes objets qui sont appelées ici, mais on doit pouvoir s'en sortir en récupérant la totalité des vues de l'instance pour la durée d'une requête puisque c'est de toute façon déjà ce qu'on fait presque, sur une instance assez grosse comme toodego il y a 290 vues (dont 108 sans utilisateur, en visibilité ou datasource), sur montoulouse 627, (dont 121 sans utilisateur ou en visibilité any ou datasource).

Une log plus complet des SELECT sur `custom_views` pour un appel à une vue live (j'ai viré le nom des colonnes et le bruit en début de ligne), 12 requêtes pour 25 vues dans la table `custom_views` :

```
2021-10-06 11:15:40.424 SELECT ... FROM custom_views
```

```
2021-10-06 11:15:40.439 SELECT ... FROM custom_views
2021-10-06 11:15:40.558 SELECT ... FROM custom_views WHERE formdef_type = 'carddef' AND visibilit
y = 'datasource' AND slug = 'filtre-par-dispositif-message_var_dispositif' AND formdef_id = '2'
2021-10-06 11:15:40.572 SELECT ... FROM custom_views
2021-10-06 11:15:40.686 SELECT ... FROM custom_views WHERE formdef_type = 'carddef' AND visibilit
y = 'datasource' AND slug = 'filtre-par-dispositif-message_var_dispositif' AND formdef_id = '2'
2021-10-06 11:15:40.700 SELECT ... FROM custom_views
2021-10-06 11:15:40.941 SELECT ... FROM custom_views WHERE formdef_type = 'carddef' AND visibilit
y = 'datasource' AND slug = 'filtre-par-dispositif-message_var_dispositif' AND formdef_id = '2'
2021-10-06 11:15:40.955 SELECT ... FROM custom_views
2021-10-06 11:15:41.067 SELECT ... FROM custom_views WHERE formdef_type = 'carddef' AND visibilit
y = 'datasource' AND slug = 'filtre-par-dispositif-message_var_dispositif' AND formdef_id = '2'
2021-10-06 11:15:41.081 SELECT ... FROM custom_views
2021-10-06 11:15:41.202 SELECT ... FROM custom_views WHERE formdef_type = 'carddef' AND visibilit
y = 'datasource' AND slug = 'filtre-par-dispositif-message_var_dispositif' AND formdef_id = '2'
2021-10-06 11:15:41.217 SELECT ... FROM custom_views
```

Demandes liées:

Lié à w.c.s. - Development #57623: sql: ne pas itérer ligne par ligne sur un ...

Rejeté

05 octobre 2021

Historique

#3 - 06 octobre 2021 11:51 - Benjamin Dauvergne

- Lié à Development #57623: sql: ne pas itérer ligne par ligne sur un `SqlKlass.select(iterator=False)` ajouté