

w.c.s. - Bug #24033

disparition de formdef.fields

23 mai 2018 17:13 - Frédéric Péters

Statut:	Fermé	Début:	23 mai 2018
Priorité:	Immédiat	Echéance:	
Assigné à:	Frédéric Péters	% réalisé:	0%
Catégorie:		Temps estimé:	0:00 heure
Version cible:		Planning:	
Patch proposed:	Oui		
Description			
Depuis le chargement léger de formdefs légers (#23028), il peut arriver que plouf, formdef.fields "devienne" None.			

Révisions associées

Révision 832a34c0 - 23 mai 2018 18:11 - Frédéric Péters

misc: add dedicated methods for copy and deepcopy (#24033)

copy and deepcopy are recycling *getstate* originally defined for pickling objects; however we have a custom *getstate* method for formdefs because we want to save fields in a different pickle chunk.

But while removing fields in *getstate* during pickling wouldn't affect a "live" object, copy/deepcopy are supposed to create usable objects, and a formdef with its fields attribute reduced to None doesn't qualify.

Practically this could cause all sorts of malfunctions including a not-so-subtle removal of all fields (if the copied formdef was stored on disk).

Historique

#2 - 23 mai 2018 17:43 - Frédéric Péters

- Fichier *0001-misc-add-dedicated-methods-for-copy-and-deepcopy-240.patch* ajouté

- Statut changé de *Nouveau* à *En cours*

- Patch proposed changé de *Non* à *Oui*

L'explication dans le message de commit :

```
copy and deepcopy are recycling __getstate__ originally defined for
pickling objects; however we have a custom __getstate__ method for
methods because we want to save fields in a different pickle chunk.
```

```
But calls to copy/deepcopy won't restore fields properly and create
copies with formdef as None. This could cause all sorts of malfunctions
including a not so subtle removal of all fields (if the copied formdef
was stored on disk).
```

#3 - 23 mai 2018 18:09 - Thomas Noël

Ack pour le code (avec le message de commit revu comme discuté en jabber)

#4 - 23 mai 2018 18:11 - Frédéric Péters

- Statut changé de *En cours* à *Résolu (à déployer)*

```
commit 832a34c03261851fb82ff64595d9a8a9f88313d4
Author: Frédéric Péters <fpeters@entrouvert.com>
Date: Wed May 23 17:14:28 2018 +0200
```

```
misc: add dedicated methods for copy and deepcopy (#24033)
```

```
copy and deepcopy are recycling __getstate__ originally defined for
```

pickling objects; however we have a custom `__getstate__` method for formdefs because we want to save fields in a different pickle chunk.

But while removing fields in `__getstate__` during pickling wouldn't affect a "live" object, `copy/deepcopy` are supposed to create usable objects, and a formdef with its fields attribute reduced to `None` doesn't qualify.

Practically this could cause all sorts of malfunctions including a not-so-subtle removal of all fields (if the copied formdef was stored on disk).

#5 - 23 décembre 2018 14:39 - Frédéric Péters

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

Fichiers

0001-misc-add-dedicated-methods-for-copy-and-deepcopy-240.patch	1,65 ko	23 mai 2018	Frédéric Péters
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