

## Lasso - Bug #51249

### RecursionError in python bindings during exception handling

18 février 2021 13:40 - Jörn Brodersen

<b>Statut:</b>	Fermé	<b>Début:</b>	18 février 2021
<b>Priorité:</b>	Normal	<b>Echéance:</b>	
<b>Assigné à:</b>	Jörn Brodersen	<b>% réalisé:</b>	0%
<b>Catégorie:</b>	Binding python	<b>Temps estimé:</b>	0:00 heure
<b>Version cible:</b>		<b>Planning:</b>	Non
<b>Patch proposé:</b>	Non		

**Description**

Hi,

while analyzing <https://dev.entrouvert.org/issues/51248> I noticed a small bug in the python bindings:

```
=====
ERROR: test14 (main.BindingTestCase)
-----
Traceback (most recent call last):
File "./binding_tests.py", line 336, in test14
assert isinstance(str(cm.exception), str)
File "./lasso.py", line 69, in str
return '<lasso.%s: %s>' % (self.__class__.__name__, self)
File "./lasso.py", line 69, in str
return '<lasso.%s: %s>' % (self.__class__.__name__, self)
File "./lasso.py", line 69, in str
return '<lasso.%s: %s>' % (self.__class__.__name__, self)
[Previous line repeated 489 more times]
File "./lasso.py", line 68, in str
if sys.version_info >= (3,):
RecursionError: maximum recursion depth exceeded in comparison
```

Thanks!

#### Révisions associées

##### Révision 2dbca5ed - 24 février 2021 22:59 - Benjamin Dauvergne

Fix: python3 bindings (#51249)

The *str* method called itself, resulting in an RecursionError.

```
=====
ERROR: test14 (main.BindingTestCase)
-----
Traceback (most recent call last):
File "./binding_tests.py", line 336, in test14
assert isinstance(str(cm.exception), str)
File "./lasso.py", line 69, in str
return '<lasso.%s: %s>' % (self.__class__.__name__, self)
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return '<lasso.%s: %s>' % (self.__class__.__name__, self)
File "./lasso.py", line 69, in str
return '<lasso.%s: %s>' % (self.__class__.__name__, self)
[Previous line repeated 489 more times]
File "./lasso.py", line 68, in str
if sys.version_info >= (3,):
RecursionError: maximum recursion depth exceeded in comparison
```

##### Révision d28672da - 07 avril 2021 17:49 - Benjamin Dauvergne

Fix: python3 bindings (#51249)

The `str` method called itself, resulting in an `RecursionError`.

```
=====
ERROR: test14 (main.BindingTestCase)
-----
```

Traceback (most recent call last):

```
File "../binding_tests.py", line 336, in test14
assert isinstance(str(cm.exception), str)
File "../lasso.py", line 69, in str
return '<lasso.%s: %s>' % (self.__class__.__name__, self)
File "../lasso.py", line 69, in str
return '<lasso.%s: %s>' % (self.__class__.__name__, self)
File "../lasso.py", line 69, in str
return '<lasso.%s: %s>' % (self.__class__.__name__, self)
[Previous line repeated 489 more times]
File "../lasso.py", line 68, in str
if sys.version_info >= (3,):
RecursionError: maximum recursion depth exceeded in comparison
```

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## Historique

### #2 - 18 février 2021 15:50 - Benjamin Dauvergne

- Assigné à mis à Benjamin Dauvergne

### #3 - 18 février 2021 15:51 - Benjamin Dauvergne

Hi, thanks for the patch, please add License: MIT to the end of your commit message, all contributions must be done under this license. Thank you.

### #4 - 18 février 2021 15:51 - Benjamin Dauvergne

- Assigné à changé de Benjamin Dauvergne à Jörn Brodersen

### #6 - 24 février 2021 22:59 - Benjamin Dauvergne

- Statut changé de Nouveau à Résolu (à déployer)

```
commit 2afb014ed1256a74bd66d5a94577a71f94f54c88
Author: Benjamin Dauvergne <bdauvergne@entrouvert.com>
Date: Wed Feb 24 22:59:24 2021 +0100
```

```
Fix: python3 bindings (#51249)
```

```
The __str__ method called itself, resulting in an RecursionError.
```

```
=====
ERROR: test14 (__main__.BindingTestCase)
-----
```

Traceback (most recent call last):

```
File "../binding_tests.py", line 336, in test14
    assert isinstance(str(cm.exception), str)
File "../lasso.py", line 69, in __str__
    return '<lasso.%s: %s>' % (self.__class__.__name__, self)
File "../lasso.py", line 69, in __str__
    return '<lasso.%s: %s>' % (self.__class__.__name__, self)
File "../lasso.py", line 69, in __str__
    return '<lasso.%s: %s>' % (self.__class__.__name__, self)
[Previous line repeated 489 more times]
File "../lasso.py", line 68, in __str__
    if sys.version_info >= (3,):
RecursionError: maximum recursion depth exceeded in comparison
```

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### #7 - 25 février 2021 18:49 - Jörn Brodersen

- Fichier 0001-Fix-python3-bindings-51249.patch ajouté

Updated patch to include License: MIT

#8 - 04 septembre 2021 10:05 - Benjamin Dauvergne

- Statut changé de Résolu (à déployer) à Fermé

### Fichiers

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0004-Fix-python3-bindings.patch	1,89 ko	18 février 2021	Jörn Brodersen
0001-Fix-python3-bindings-51249.patch	1,91 ko	25 février 2021	Jörn Brodersen