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## What is the cause of “Front controller reached 100 router match iterations” error?



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As a Magento developer I have faced this problem tons of times, I know it is a misconfiguration problem, when it occurs some modules are not loaded, neither their routers, causing the error. Most of times it is solved with no action, other times you may flush the cache

asked 1 year ago

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I've read multiple posts about this, trying to debug placing some extra code in Magento core Front controller `app/code/core/Mage/Core/Controller/Varien/Front.php`, but at the end this only shows which module routers are missing, not **why** they are not being loaded. Every time it occurs I try to look which URLs are giving the error, but this is useless information, same as the code trace. It's always the same



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Maybe it is caused by module conflicts? Maybe it is some cron task doing something wrong? Maybe some wrong code in older Magento versions? The thing is this problem does not occur since 1.7 version (or if it occurs then it is totally sporadic). I have found some code differences in

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the main flow, such as

```
Mage::register('application_params', $params);
```

In `run()` method of `app/code/core/Mage/Core/Model/App.php`, or the

```
$this->_shouldSkipProcessModulesUpdates()
```

check in `_initModules()` method...

I want to believe there should be someone who have definitively found the cause. Any tips?

module error configuration controllers router

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edited May 28 '15 at 9:49

asked May 26 '15 at 10:38



Raul Sanchez

856 1 5 14

1 Have you referenced this? [github.com/convenient/...](https://github.com/convenient/) – Tim Hallman May 26 '15 at 12:11

1 The poster of that article was able to fix their issue by overriding `Mage_Core_Model_Config` and forcing `$_useCache = false` – Tim Hallman May 26 '15 at 12:13

1 After reading the whole article, I think you should post that as the right answer to my question, so other users could read it. Thanks – Raul Sanchez May 27 '15 at 15:11

If you like it please star it on github :) – Luke Rodgers May 28 '15 at 9:55

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1 Answer

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It seems you were experiencing a Magento configuration bug.

There is an excellent write-up with solution [here](#).

In that article the author was able to rectify the bug by overriding `Mage_Core_Model_Config` and forcing `$_useCache = false` when regenerating the config.



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continuous duplicate of same error report on my site as pasted below

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front controller reached 100 router match iterations - but only for /admin (adminhtml)



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answered May 27 '15 at 18:31



Tim Hallman

638 4 22

Damnit! I never get to reap the rep for that article, other people always link to it first ;) – Luke Rodgers May 28 '15 at 9:53

1 Very nice writeup @LukeRodgers! – Tim Hallman May 28 '15 at 12:03

5 I'd just like to comment and say that Magento have accepted this as a fix to the problem with SUPEE-4755 [github.com/convenient/...](https://github.com/convenient/...) – Luke Rodgers Aug 22 '15 at 8:01

I've also added another patch. Not quite as nice, but discussed here. [github.com/convenient/...](https://github.com/convenient/...) – Luke Rodgers Jan 29 at 15:08

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