Django Error: Your URL pattern is invalid. Ensure that urlpatterns is a list of url() instances

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After upgrading to Django 1.10, I get the following error when I run `python manage.py runserver`:

```
?: (urls.E004) Your URL pattern ('^$', 'myapp.views.home') is invalid. Ensure
that urlpatterns is a list of url() instances.
HINT: Try using url() instead of a tuple.
```

My `urlpatterns` are as follows:

```
from myapp.views import home

urlpatterns = [
    (r'^$', home, name='home'),
]
```

python   django   django-1.10

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asked Aug 5, 2016 at 9:59

[Alasdair]
275k   50   529   485

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To simplify URL configs, `patterns()` was deprecated in Django 1.8, and removed in 1.10 ([release notes](#)). In Django 1.10, `urlpatterns` must be a list of `url()` instances. Using a tuple in `patterns()` is not supported any more, and the Django checks framework will raise an error.

Fixing this is easy, just convert any tuples

```
urlpatterns = [
    (r'^$', home, name='home'),  # tuple
]
```

```
urlpatterns = [
    url(r'^$', home, name='home'),  # url instance
]
```

If you get the following `NameError`,

```
NameError: name 'url' is not defined
```

then add the following import to your `urls.py`:

```
from django.conf.urls import url
```

If you use strings in your url patterns, e.g. `'myapp.views.home'`, you'll have to update these to use a callable at the same time. See [this answer](#) for more info.

See the [Django URL dispatcher docs](#) for more information about `urlpatterns`.

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edited May 23, 2017 at 12:34   answered Aug 5, 2016 at 9:59

Community Bot   Alasdair
1   1   275k   50   529   485

Check to see if you have used URL patterns like this:

0

```
urlpatterns += (
    (r'^404/$', page_not_found_view),
)
```

Change it to:

```
urlpatterns += [
    url(r'^404/$', page_not_found_view),
]
```

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edited Aug 25, 2017 at 5:23   answered Aug 25, 2017 at 4:59

Pang   Abhimanyu
9,021   146   82   117   675   1   6   19

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