

**The most productive
Django developers**

**The most productive
Django developers,
maybe**

Lines of code per day

Contributors 13



django-upgrade

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Automatically upgrade your Django project code.

Install with pre-commit

```
- repo: https://github.com/adamchainz/django-upgrade  
  rev: "1.10.0"  
  hooks:  
    - id: django-upgrade  
      args: [--target-version, "4.1"]
```

Or install and run directly

```
$ python -m pip install django-upgrade  
$ django-upgrade --target-version 4.1 myapp/core/models.py
```


on_delete argument

Django 1.9+

```
-models.ForeignKey("auth.User")  
+models.ForeignKey("auth.User", on_delete=models.CASCADE)
```

URL's

Django 2.0+

```
-from django.conf.urls import include, url
+from django.urls import include, path, re_path

urlpatterns = [
-    url(r'^$', views.index, name='index'),
+    path('', views.index, name='index'),
]
```

URL's

Django 2.0+

```
from django.urls import include, path, re_path

urlpatterns = [
-     re_path(r'^post/(?P<slug>[-a-zA-Z0-9_]+)/$', views.post),
+     path('post/<slug:slug>/', views.post),
]
```

HttpRequest.headers

Django 2.2+

```
-self.request.META.get('HTTP_SERVER', '')  
+self.request.headers.get('Server', '')
```

@admin.action()

Django 3.2+

```
from django.contrib import admin

@admin.action(
+     description="Publish articles",
+)
def make_published(modeladmin, request, queryset):
    ...

-make_published.short_description = "Publish articles"
```



Justin Mayer @ DjangoCon EU 🇵🇹 (he/him)

@jmayer



During my [#DjangoConEurope](#) talk I forgot to mention that I recently updated Kagi to support [#Django](#) 4.1, a process that only took a few minutes thanks to django-upgrade by [@AdamChainz](#).

[github.com/adamchainz/dja...](https://github.com/adamchainz/django-upgrade)

Many thanks to Adam for making that process so easy!



github.com/adamchainz/django-upgrade 🙄

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Please test the unreleased main version 🙏

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Contribute in sprints 🏃