

fga-eps-mds/2018.2-GamesBI

Overview Progress **Issues** Code TrendsLast **master** build 5 days ago Refresh

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File `views.py` has 450 lines of code (exceeds 250 allowed). Consider refactoring. [OPEN](#)

```
1 import requests
2
3 from rest_framework.response import Response
4 from rest_framework import status
5 from rest_framework.views import APIView
```

•••• Found in [CrossData/API/views.py](#) - About 6 hrs to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
529 def save_palettes(self, screenshot_data, screenshot):
530     saved_palettes = []
531     for palette in screenshot_data['palette']:
532         new_palette = Palette(
533             screenshot=screenshot,
```

•••• Found in [CrossData/API/views.py](#) and 1 other location - About 6 hrs to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
454 def save_streams(self, game_data, game):
455
456     saved_streams = []
457
458     for stream_data in game_data['streams']:
```

•••• Found in [CrossData/API/views.py](#) and 1 other location - About 6 hrs to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
478 def save_languages(self, game_data):
479     array_languages = []
480     for language in game_data['languages']:
481         try:
482             Language.objects.get(language=language)
```

•••• Found in [CrossData/API/views.py](#) and 1 other location - About 5 hrs to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
495 def save_genres(self, game_data):
496     array_genres = []
497     for genre in game_data['genres']:
498         try:
499             Genre.objects.get(genre=genre)
```

•••• Found in [CrossData/API/views.py](#) and 1 other location - About 5 hrs to fixFile `models.py` has 333 lines of code (exceeds 250 allowed). Consider refactoring. [OPEN](#)

```
1 from django.db import models
2
3
4 class Language(models.Model):
5     id = models.AutoField(
```

•••• Found in [CrossData/API/models.py](#) - About 4 hrs to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
4 class Language(models.Model):
5     id = models.AutoField(
6         primary_key=True
7     )
8
9
```

•••• Found in [CrossData/API/models.py](#) and 1 other location - About 3 hrs to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
32 class Genre(models.Model):
33     id = models.AutoField(
34         primary_key=True
35     )
36
37
```

•••• Found in [CrossData/API/models.py](#) and 1 other location - About 3 hrs to fixSimilar blocks of code found in 4 locations. Consider refactoring. [OPEN](#)

```
200 if x_axis in youtube_attrs:
201     game_data['x_axis'] = self.get_data(
202         InfoYoutube.objects.all().order_by(
203             '-game__infosteam__owners',
204             '-game__infosteam__positive_reviews_steam',
```

•••• Found in [CrossData/API/views.py](#) and 3 other locations - About 1 hr to fixSimilar blocks of code found in 4 locations. Consider refactoring. [OPEN](#)

```
210 if y_axis in twitch_attrs:
211     game_data['y_axis'] = self.get_data(
212         InfoTwitch.objects.all().order_by(
213             '-game__infosteam__owners',
214             '-game__infosteam__positive_reviews_steam',
```

•••• Found in [CrossData/API/views.py](#) and 3 other locations - About 1 hr to fixSimilar blocks of code found in 4 locations. Consider refactoring. [OPEN](#)

```
190 if y_axis in youtube_attrs:
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```

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219 if x_axis in twitch_attrs:
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221         InfoTwitch.objects.all().order_by(
222             '-game__infosteam__owners',
223             '-game__infosteam__positive_reviews_steam',
```

•••• Found in [CrossData/API/views.py](#) and 3 other locations - About 1 hr to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
179 if y_axis in steam_attrs:
180     game_data['y_axis'] = self.get_data(
181         InfoSteam.objects.order_by('-owners', '-positive_reviews_steam', 'average_
182             y_axis
```

•••• Found in [CrossData/API/views.py](#) and 1 other location - About 1 hr to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
184 if x_axis in steam_attrs:
185     game_data['x_axis'] = self.get_data(
186         InfoSteam.objects.order_by('-owners', '-positive_reviews_steam', 'average_
187             x_axis
```

•••• Found in [CrossData/API/views.py](#) and 1 other location - About 1 hr to fixFunction `all_data` has 26 lines of code (exceeds 25 allowed). Consider refactoring. [OPEN](#)

```
299 def all_data(self, game):
300     twitch_info = InfoTwitch.objects.filter(game=game).latest('date')
301     youtube_info = InfoYoutube.objects.filter(game=game).latest('date')
302     steam_info = InfoSteam.objects.filter(game=game).latest('date')
303     languages = Language.objects.filter(game=game)
```

•••• Found in [CrossData/API/views.py](#) - About 1 hr to fixFunction `get` has 6 arguments (exceeds 4 allowed). Consider refactoring. [OPEN](#)

```
121 def get(self, request, graphtype, yaxis, xaxis, name=None, format=None):
```

•••• Found in [CrossData/API/views.py](#) - About 45 mins to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
28 def test_table_status_code(self):
29
30     response = self.client.get(self.url_table)
31     self.assertEqual(response.status_code, status.HTTP_200_OK)
```

•••• Found in [CrossData/API/tests_get_data.py](#) and 1 other location - About 45 mins to fixSimilar blocks of code found in 2 locations. Consider refactoring. [OPEN](#)

```
17 def test_graphic_status_code(self):
18
19     response = self.client.get(self.url_graphic)
20     self.assertEqual(response.status_code, status.HTTP_200_OK)
```

•••• Found in [CrossData/API/tests_get_data.py](#) and 1 other location - About 45 mins to fixFunction `get_line_axis` has a Cognitive Complexity of 8 (exceeds 5 allowed). Consider refactoring. [OPEN](#)

```
174 def get_line_axis(self, y_axis, x_axis, game_data):
175
176     if x_axis == 'games' or y_axis=='games':
177         game_data['x_axis'] = self.get_games_name()
178
179
```

•••• Found in [CrossData/API/views.py](#) - About 45 mins to fixFunction `check_request_data` has a Cognitive Complexity of 6 (exceeds 5 allowed). Consider refactoring. [OPEN](#)

```
341 def check_request_data(self, data):
342     attrs_list = [
343         'id_steam',
344         'name',
345         'positive_reviews_steam',
```

•••• Found in [CrossData/API/views.py](#) - About 25 mins to fix