



BannerFlow Manager API Documentation

Complete Reference Guide



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Introduction

This is the complete API documentation for BannerFlow Manager, a Django-based advertising banner management system.

The system includes modules for campaign management, banner generation, A/B testing, and analytics.

Note: This PDF contains a summary of the documentation. For the complete interactive documentation with navigation and search, please use the HTML version in the `docs/html/` folder.

Modules Overview

The system is organized into the following main modules:

- **bannerflow_app** - Main Django application
- **bannerflow_project** - Django project configuration
- **Models** - Database models (Campaign, Banner, ABTest, etc.)
- **Views** - API endpoints and web interfaces
- **Admin** - Django admin configuration

Main Classes

Class	Description	Location
<code>Campaign</code>	Represents an advertising campaign	<code>bannerflow_app/models.py</code>
<code>Banner</code>	Advertising banner with media files	<code>bannerflow_app/models.py</code>

<code>ABTest</code>	A/B testing configuration	<code>bannerflow_app/models.py</code>
<code>CampaignStatistics</code>	Statistical data for campaigns	<code>bannerflow_app/models.py</code>
<code>BannerGenerator</code>	Banner generation utility	<code>bannerflow_app/ banner_generator.py</code>

Project Structure

Complete File List

Total files: 175

- 0001_initial_8py.html
- 0001_initial_8py_source.html
- 0002_campaign_start_date_8py.html
- 0002_campaign_start_date_8py_source.html
- 0003_campaign_end_date_campaign_target_game_version_and_more_8py.html
- 0003_campaign_end_date_campaign_target_game_version_and_more_8py_source.html
- 0004_campaign_is_ab_test_abtest_campaignstatistics_8py.html
- 0004_campaign_is_ab_test_abtest_campaignstatistics_8py_source.html
- 0005_remove_banner_image_url_banner_media_file_and_more_8py.html
- 0005_remove_banner_image_url_banner_media_file_and_more_8py_source.html
- 0006_alter_banner_media_file_8py.html
- 0006_alter_banner_media_file_8py_source.html
- 0007_alter_banner_media_file_8py.html
- 0007_alter_banner_media_file_8py_source.html
- 0008_bannertemplate_gamedata_generatedbanner_8py.html
- 0008_bannertemplate_gamedata_generatedbanner_8py_source.html
- admin_8py.html
- admin_8py_source.html
- annotated.html
- banner_generator_8py.html
- banner_generator_8py_source.html
- bannerflow_app_2___init___8py.html
- bannerflow_app_2___init___8py_source.html
- bannerflow_app_2migrations_2___init___8py.html
- bannerflow_app_2migrations_2___init___8py_source.html
- bannerflow_app_2urls_8py.html
- bannerflow_app_2urls_8py_source.html
- bannerflow_project_2___init___8py.html
- bannerflow_project_2___init___8py_source.html
- bannerflow_project_2urls_8py.html
- bannerflow_project_2urls_8py_source.html
- classbannerflow_app_1_1admin_1_1ABTestAdmin-members.html
- classbannerflow_app_1_1admin_1_1ABTestAdmin.html
- classbannerflow_app_1_1admin_1_1BannerAdmin-members.html
- classbannerflow_app_1_1admin_1_1BannerAdmin.html
- classbannerflow_app_1_1admin_1_1BannerTemplateAdmin-members.html
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- classbannerflow_app_1_1admin_1_1GeneratedBannerAdmin.html
- classbannerflow_app_1_1admin_1_1UserProfileAdmin-members.html
- classbannerflow_app_1_1admin_1_1UserProfileAdmin.html
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- classbannerflow_app_1_1migrations_1_10003_campaign_is_ab_test_abtest_campaignstatistics_1_1BannerGenerator-members.html
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 - classbannerflow__app_1_1models_1_1BannerTemplate-members.html
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 - classbannerflow__app_1_1models_1_1BannerTemplate-members.html
 - classbannerflow__app_1_1models_1_1Campaign-members.html
 - classbannerflow__app_1_1models_1_1Campaign.html
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 - classbannerflow__app_1_1models_1_1CampaignStatistics-members.html
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 - classbannerflow__app_1_1models_1_1GeneratedBanner-members.html
 - classbannerflow__app_1_1models_1_1UserProfile-members.html
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 - classbannerflow__app_1_1models__with__doxygen_1_1Banner-members.html
 - classbannerflow__app_1_1models__with__doxygen_1_1Banner-members.html
 - classbannerflow__app_1_1models__with__doxygen_1_1Campaign-members.html

... and 75 more files

```
BannerFlow_Manager/  
├── bannerflow_app/  
│   ├── models.py           # Database models  
│   ├── views.py           # API views  
│   ├── admin.py           # Admin configuration  
│   └── urls.py             # URL routing  
├── bannerflow_project/  
│   ├── settings.py        # Django settings  
│   └── urls.py            # Project URLs  
└── docs/html/             # Complete documentation
```

How to Use This Documentation

For the best experience:

- 1. Use the HTML version for interactive navigation
- 2. Search for specific classes or methods
- 3. View call graphs and dependencies
- 4. Access source code directly

Total HTML pages generated: 324

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