

# 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>

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

## 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\_admin\_1\_ABTestAdmin-members.html
- classbannerflow\_app\_1\_admin\_1\_ABTestAdmin.html
- classbannerflow\_app\_1\_admin\_1\_BannerAdmin-members.html
- classbannerflow\_app\_1\_admin\_1\_BannerAdmin.html
- classbannerflow\_app\_1\_admin\_1\_BannerTemplateAdmin-members.html
- classbannerflow\_app\_1\_admin\_1\_BannerTemplateAdmin.html
- classbannerflow\_app\_1\_admin\_1\_CampaignAdmin-members.html
- classbannerflow\_app\_1\_admin\_1\_CampaignAdmin.html
- classbannerflow\_app\_1\_admin\_1\_CampaignStatisticsAdmin-members.html
- classbannerflow\_app\_1\_admin\_1\_CampaignStatisticsAdmin.html
- classbannerflow\_app\_1\_admin\_1CustomUserAdmin-members.html
- classbannerflow\_app\_1\_admin\_1CustomUserAdmin.html
- classbannerflow\_app\_1\_admin\_1GameDataAdmin-members.html
- classbannerflow\_app\_1\_admin\_1GeneratedBannerAdmin-members.html
- classbannerflow\_app\_1\_admin\_1GeneratedBannerAdmin.html
- classbannerflow\_app\_1\_admin\_1UserProfileAdmin-members.html
- classbannerflow\_app\_1\_admin\_1UserProfileAdmin.html
- classbannerflow\_app\_1\_admin\_1UserProfileInline-members.html
- classbannerflow\_app\_1\_admin\_1UserProfileInline.html
- classbannerflow\_app\_1\_admin\_1UserProfileInline-members.html
- classbannerflow\_app\_1\_admin\_1UserProfileInline.html
- classbannerflow\_app\_1\_banner\_generator\_1\_BannerGenerator-members.html
- classbannerflow\_app\_1\_banner\_generator\_1\_BannerGenerator.html
- classbannerflow\_app\_1\_migrations\_1\_10001\_initial\_1-members.html
- classbannerflow\_app\_1\_migrations\_1\_10001\_initial\_1.html
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- classbannerflow\_app\_1\_migrations\_1\_10002\_campaign.html
- classbannerflow\_app\_1\_migrations\_1\_10003\_campaign-members.html
- classbannerflow\_app\_1\_migrations\_1\_10003\_campaign.html
- classbannerflow\_app\_1\_migrations\_1\_10004\_campaign-members.html
- classbannerflow\_app\_1\_migrations\_1\_10004\_campaign.html
- classbannerflow\_app\_1\_migrations\_1\_10005\_remove-members.html
- classbannerflow\_app\_1\_migrations\_1\_10005\_remove.html
- classbannerflow\_app\_1\_migrations\_1\_10006\_alter\_banner-members.html
- classbannerflow\_app\_1\_migrations\_1\_10006\_alter\_banner.html
- classbannerflow\_app\_1\_migrations\_1\_10007\_alter\_banner-members.html
- classbannerflow\_app\_1\_migrations\_1\_10007\_alter\_banner.html
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- classbannerflow\_app\_1\_migrations\_1\_10008\_bannerAdmin.html
- classbannerflow\_app\_1\_models\_1\_ABTest-members.html
- classbannerflow\_app\_1\_models\_1\_ABTest.html
- classbannerflow\_app\_1\_models\_1\_Banner-members.html
- classbannerflow\_app\_1\_models\_1\_Banner.html
- classbannerflow\_app\_1\_models\_1\_Banner.html

- classbannerflow\_app\_1\_1models\_1\_1BannerTemplate • classbannerflow\_app\_1\_1models\_1\_1GeneratedBanner-members.html members.html
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- classbannerflow\_app\_1\_1models\_1\_1CampaignStatistics • classbannerflow\_app\_1\_1models\_documented\_1\_1Banner-members.html members.html
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- classbannerflow\_app\_1\_1models\_1\_1GameData-members.html • classbannerflow\_app\_1\_1models\_with\_doxygen\_1\_1Banner-members.html
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- classbannerflow\_app\_1\_1models\_1\_1GameData\_1\_1Meta.html • classbannerflow\_app\_1\_1models\_with\_doxygen\_1\_1Campaign-members.html
- classbannerflow\_app\_1\_1models\_1\_1GameData\_1\_1Meta.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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