BlueFire Donations

Donation & Payment Form API Interface Definition

The BlueFire Donation and Payment Form API interface allows you to create a new form or retrieve information about a particular donation or payment form based on its RID.

Endpoint

URL: https://api.bluefire-secure.com/forms

Creating a Form

In order to create a new form, perform a POST request, as detailed below.

GET Parameters

Name	Type	Default	Description
key	String	None (field req.)	API access key, available upon request.
format	['JSON']	'JSON'	Response format (JSON only available option at this time).

POST Parameters

Name	Type	Default	Description
name	String	None (field req.)	The name of a form used by the organization internally.
funds	String (JSON formatted)	None	A list of fund designations to offer to the donor. (See appendix A for example.)
type	['donation', 'payment']	'donation'	Type of form wording
mobile	['true', 'false']	'false'	Mobile optimized form
theme	['none', 'default']	'default'	Apply a theme to the form (overridden and set to 'none' for mobile forms)
notes	String	None	Any internal notes or comments regarding this form
coverfee	['true', 'false']	'false'	Ask the donor to cover the transaction fees (overridden and set to 'false' for payment forms)

Name	Type	Default	Description
invoiceno	['true', 'false']	'false'	Ask the payer to enter an invoice number (overridden and set to 'false' for donation forms)
receipt_header	String	Generic thank you note	Extra text to add to the top of the receipt
receipt_footer	String	Generic thank you note	Extra text to add to the bottom of the receipt
comments	['true', 'false']	'true'	Boolean indicating if the donor/payer should be able to add comments to their donation
recurring	['true', 'false']	'true'	Boolean indicating if recurring transactions should be an available option
seccode	['true', 'false']	'true'	Boolean indicating that the Security Code or CVV should be requested (overridden and set to 'true' for payment forms)
memberid_show	['true', 'false']	'false'	Boolean indicating that the member ID field should be shown. (Not available if not enabled at as an account setting. Exact phrasing is also an account setting, eg, "Member ID", "Envelope No.", etc)
memberid_required	['true', 'false']	'false'	Boolean indicating that the member ID field should be required

Response Data

Response data is encoded in the format specified in the request.

Field	Description
status	Either '1' for success or '0' for failure.
error	The textual error message, if applicable.
rid	The form's new RID.
url	The form's secure URL

Fetching a Form

In order to fetch a form, perform a GET request, as detailed below.

GET Parameters

Name	Type	Default	Description
key	String	None (field req.)	API access key, available upon request.
format	['JSON']	'JSON'	Response format (JSON only available option at this time).
rid	String	None (field req.)	The form's RID, available from the client management portal under the "Forms" tab.

Response Data

Response data is encoded in the format specified in the request.

Field	Description
status	Either '1' for success or '0' for failure.
error	The textual error message, if applicable.
account	The organization's name. (Account-level setting.)
funds	A list of fund designations to offer to the donor.
type	Type of form wording: "donation" (default) or "payment."
receipt	An object with two parameters:
header	Extra text to add to the top of the receipt
footer	Extra text to add to the bottom of the receipt
comments	Boolean indicating if the donor/payer should be able to add comments to their donation.
recurring	Boolean indicating if recurring transactions should be an available option.
seccode	Boolean indicating that the Security Code or CVV should be requested.
memberid	An object with three parameters:

show	Boolean indicating that the member ID field should be shown.
required	Boolean indicating that the member ID field should be required.
name	The label that should be used for the member ID field (for example, "Student ID," "Envelope No." or similar).
creditcard	Allow payment by credit or debit card. (Account-level setting.)
ach	Allow payment by eCheck or ACH. (Account-level setting.)
demo	The account is in DEMO mode and can only process test transactions. (Account-level setting.)
country	Billing country should be requested of the donor/payer. (Account-level setting.)
amex	American Express should be a payment option along with the other standard credit card options (Visa, MC and Disc). (Account-level setting.)
title	False indicates the title should not be requested of the donor/payer. Otherwise this will be an array of options to present to the donor/payer to select (e.g., "Mr.", "Mrs.", "Dr.", etc). (Account-level setting.)

Appendix A: Funds Field Formatting

The funds are transmitted in JSON encoding. Individual funds and fund groups are encapsulated in a JSON object, all contained within an array at the root level. Group objects should contain a children property which is an array of available funds. Fund groupings can be nested within another group.

Note: The fund number is for an organization's internal/reporting use and is not displayed on the form.

Example:

```
[
    {"type":"fund","name":"General Fund","number":"100"},
    {"type":"fund","name":"Tithe","number":"101"},
    {"type":"group","name":"Missions","children":[
        {"type":"fund","name":"Home Missions","number":"201"},
        {"type":"fund","name":"Eastern Europe
Missions","number":"202"}
    ]}
]
```