

BlueFire Donations

Reporting API Interface Definition

The BlueFire Reporting API interface allows you to retrieve past payment and donation information from the BlueFire endpoint (server-to-server). This API optionally allows the date range to be specified for the returned data.

Endpoint

URI: <https://api.bluefire-secure.com/reporting>

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).
test	['true','false']	'false'	Return test transactions (vs. live transactions).
start	String (mm/dd/yyyy)	1 week ago	Return transactions which occurred on or after the start date
end	String (mm/dd/yyyy)	today	Return transaction which occurred on or before the end date
timestamp	Int	None	As an alternative to the 'start' and 'end' date option above, a Unix timestamp can be supplied and this API will return all transactions that are new or have been updated since the given timestamp.
email	String	None	Only returns transactions that with this email address

Response Data

Response data is encoded in the format specified. The following parameters are returned:

Field	Description
status	Either '1' for success or '0' for failure.
account	The organization's name.
count	The number transactions returned.

transactions	An array of the transactions which match the above GET parameters, see more info below about each individual <i>transaction</i> object.
error	The textual error message, if applicable.
errorNo	The corresponding error number. 0 = No error 1 = Access error
timestamp	The Unix timestamp for when the API results were generated (useful in conjunction with the GET 'timestamp' parameter for returning all updates since the last request)

Each *transaction* object will contain the following properties:

Field	Description
transactionId	The uniquely assigned transaction ID
referenceId	The reference ID as displayed on receipts
date	Date and time of the transaction origination (Format: "mm/dd/yyyy hh:mm:ss")
dateUnix	The Unix timestamp for the transaction origination
update	Date and time of the last update to this transaction (updates occur when a transaction is marked as error or a refund is performed)
updateUnix	The Unix timestamp for the last update to this transaction (updates occur when a transaction is marked as error or a refund is performed)
memberId	Optional. Contains the member ID, envelope number or student ID specified by the payer. Field only included if enabled on the account.
title	Optional. The donor's title. Field only included if enabled on the account.
firstName	Billing first name.
lastName	Billing last name.
address1	Billing address, line 1.
address2	Billing address, line 2.
city	Billing city.
state	Billing zip or province.

zip	Billing zip or postal code.
country	Billing country, 2-character abbreviation.
phone	Billing phone.
email	Billing email.
error	Boolean indicating if there was an error with this transaction (eg, an ACH transaction was later returned with Non Sufficient Funds).
canceled	Boolean indicating if this transaction has been canceled (ie, refunded or voided).
settled	Boolean indicating if this transaction has been settled by processor.
recurring	Boolean indicating if this transaction was generated by a recurring transaction.
total	The total, final dollar amount of the donation or payment (adjusted for any partial refunds that may have occurred).
funds	An array of objects, one for each fund. Each fund object contains the following: name, number and amount.
paymentType	One of the following values: ach or credit.
lastFour	The masked account number showing only the last 4 digits (eg, xxxxxxxxxxxx2384).
ccType	One of the following values: VISA, MC, AMEX or DISC.
type	One of the following values: event, vt, payment or donation. (vt = virtual terminal)
comments	Any comments added by the payer.
updates	An array of objects: one for each refund which has occurred on this transaction. See more info below about each individual <i>update</i> object

Each of the *update* objects will contain the following properties:

Field	Description
type	The type of update (typically 'REFUND')
amount	The dollar amount for this update (a negative amount for refunds)

oldTotal	The transaction's total dollar amount before this update
newTotal	The transaction's total dollar amount after this update
date	Date and time of the transaction update (Format: "mm/dd/yyyy hh:mm:ss")
dateUnix	The Unix timestamp for the transaction update