

# Algorix Reporting API Guideline EN

Version 1.1

Update time: May 23, 2019

## API Address

Reporting API use the following HTTP interface:

```
http://rs.do-global.com/report/adx?{param}
```

query\_string consists of request parameters and specific API call parameters, expressed with `key1=value&key2=value&...`.

## Request Parameters

- Request format:  
HTTP protocol GET request
- API System Limitation  
Number of requests each account must be less than 1000 times in 24 hours.
- Parameter description

Request Parameter	Type	Mandatory	Description
username	String	Yes	Account name, unique.
token	String	Yes	Account token, unique.
date	String	Yes	Request data date of start time, date format is yyyy-mm-dd.
date_end	String	No	Request data date of end time, date format is yyyy-mm-dd. Will be ignored if not filled.
dimension_time	String	No	Time dimension data splitted. Not filled or <code>day</code> will split data by date. <code>hour</code> will split data by hour.

dimension_app	String	No	App dimension data splitted. Not filled or <code>slot</code> will split data by slot. <code>app</code> will split data by app. <code>account</code> will split data by account
dimension_country	String	否	Country or region dimension data splitted. Not filled or <code>all</code> will split data by country <code>none</code> will not split data

## Request Example

```
http://rs.do-global.com/report/adx?username=testAccount&token=35962cb90f3b45c9b3e618b0919b1&date=2019-01-01&date_end=2019-01-03&dimension_app=account&dimension_country=none&dimension_time=day
```

## Response Information

- Response format  
JSON, UTF8-encoded
- Time Zone 「ETC/UTC」
- Data update cycle  
Updated every two hours
- Data stability  
Revenue data may be delayed within 48 hours of the current time affected by advertiser
- Parameter description

Response Parameter	Type	Description
code	Int	Returns whether the request success: if code is 0, means success carries data array; if code is not 0, means fail carries the message field.
time	Long	Server return timestamp
data	Array	When return succeeds, display detailed parameter info
message	String	When return failed, display error message

- When return succeeds, data array parameter info is as below:

Returned Parameter	Type	Description
time	String	Data time
app_pkg	String	App package name. Empty when not split
adslot_id	String	Ad slot ID. Empty when not split
country_code	String	Standard country code. Empty when not split
request_num	Long	Request number
fill_num	Long	Fill number
show_num	Long	Impression number
revenue	Float	Revenue

Example:

```
{
  code: 0,
  data: [
    {
      adslot_id: "",
      app_pkg: "",
      country_code: "",
      fill_num: 149967,
      request_num: 123423,
      revenue: 10.96991,
      show_num: 16279,
      time: "2019050114"
    },
    {
      adslot_id: "",
      app_pkg: "",
      country_code: "",
      fill_num: 149967,
      request_num: 123423,
      revenue: 14.3455,
      show_num: 24245,
      time: "2019050115"
    }
  ],
  time: 1551248965566
}
```

- When return fails, message returns information as below:

<b>Error Code</b>	<b>message</b>	<b>Description</b>
500	System error	System error
1001	Username is required	The user name is a required field and was detected that the request is not filled out.
1003	Date is required	Date is a required field and was detected that the request is not filled out.
1005	Date format is yyyy-mm-dd	Date is a required field and the format is incorrect.
1007	Token is required	Token is a required field and was detected that the request is not filled out.
1008	Username and token do not match	In request parameters, username and token do not match. Need to confirm username or token is correct.

Example:

```
{  
  code: 1008,  
  message: "username and token do not match",  
  time: 1551248817382  
}
```