

# Filters - Versions 4 and under

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Note: The following information refers to versions 4 and under of the API. Access version 5 filtering information [here](#).

Filtering can be used in conjunction with the GET method on the following objects and sub-objects: survey, surveycampaign, surveyresponse, and accountuser. Filtering is not supported in the PUT, POST or DELETE methods.

## Basic Structure

A filter is actually made up of three separate parameters - the field, the operator, and the value. These are accessed using array notation:

```
filter[field] , filter[operator] and filter[value]
```

Because you can specify multiple filters on the same API call, there is an index added on to each parameter. These are 0-indexed, so your first filter would be made up of:

```
filter[field][0] , filter[operator][0] and filter[value][0]
```

Put together, you'll end up with the following:

```
filter[field][0]=__&filter[operator][0]=__&filter[value][0]=__
```

If you have multiple conditions it should look like so:

```
filter[field][0]=value&filter[operator][0]=value&filter[value][0]=value&filter[field][1]=value&filter[operator][1]=value&filter[value][1]=value&filter[field][2]=value&filter[operator][2]=value&filter[value][2]=value
```

## Alternative Structure

If you are having trouble filtering, try this alternative method! Use the query string parameter **altfilter** and url encode your filter parameters.

```
altfilter=filter%5Bfield%5D%5B0%5D%3Dvalue%26filter%5Boperator%5D%5B0%5D%3Dvalue%26filter%5Bvalue%5D%5B0%
```

## Fields

Possible Fields	Example	Associated Objects
Question	[question(2)]	surveyresponse
Question Option	[question(2), option(10001)]	surveyresponse
URL Variable	[url("variablename")]*	surveyresponse
Date Submitted datesubmitted (EST/EDT or GMT -5/GMT -4)	datesubmitted	surveyresponse
Is Test Data	istestdata	surveyresponse
Contact ID (v4 & v5 API only)	contact_id	surveyresponse
Status	status	surveyresponse, survey, surveycampaign
Time of Creation	createdon	survey

Possible Fields	Example	Associated Objects
Time of Last Modification	modifiedon	survey
Survey Title	title	survey
Type of Project (Survey, Quiz, Form, Poll)	subtype	survey
Team Survey Belongs To	team	survey
Type of Link	_type	surveycampaign
Name of Link	name	surveycampaign
Secure / Unsecure Link	ssl	surveycampaign
Date Link was Created	datecreated	surveycampaign
Date Link was Last Modified	datemodified	surveycampaign
Email Address	semailaddress	contact
status	Active, Disabled, all	accountuser
email	email@email.com	accountuser

\*URL Encode the square brackets and the double quotes.

## Operators

Operation	Syntax	Requires a Value
Is Equal To	=	True
Is Not Equal To	<> or !=	True
Greater Than	>	True
Less Than	<	True
Less Than or Equal To	<=	True
Greater Than or Equal To	>=	True
Is Answered / Is Not Blank	IS NOT NULL	False
Is Not Answered / Is Blank	IS NULL	False
In Comma Separated List	in	True

## Filtering Examples

This query would return responses with question-id 2 answered yes.

```
https://restapi.alchemer.com/v4/survey/123456/surveyresponse?filter[field][0]=[question(2)]&filter[operator][0]==&filter[value][0]=yes
```

This query would return responses with submission times greater than or equal to 2011-02-23 13:23:28 and with the status of Complete.

```
https://restapi.alchemer.com/v4/survey/123456/surveyresponse?filter[field][0]=datesubmitted&filter[operator][0]=>=&filter[value][0]=2011-02-23+13:23:28&filter[field][1]=status&filter[operator][1]==&filter[value][1]=Complete
```

This query would return the specified contact record (by email) within the given campaign. If no contacts are found for the given email address, total\_count of '0' will be displayed.

```
http://restapi.alchemer.com/v4/survey/123456/surveycampaign/123456/contact?filter[field][0]=semailaddress&filter[operator][0]==&filter[value][0]=test.test@test.com
```

## Browsing Survey Responses

Returns default to 50 results for page. Use the **page** and **resultsperpage** parameters to customize your return for these calls.

Parameter	Example	Associated Objects
page	page=3	survey, surveyresponse, surveycampaign, surveyquestion, surveypage, contact
resultsperpage*	resultsperpage=100 (max=500)	survey, surveyresponse

*\*Note: The limit for **resultsperpage** is 500 (subject to change), if set over the limit it will default back to the limit.*

## Browsing Examples

To view a different page of results use the **page** parameter. The below call would return results 101-150 as results are displayed 50 per page.

```
https://restapi.alchemer.com/v4/survey/123456/surveyresponse?page=3
```

To view more results per page use the **resultsperpage** parameter. The below call would return results 1-100.

```
https://restapi.alchemer.com/v4/survey/123456/surveyresponse?resultsperpage=100
```

Use the **page** and **resultsperpage** parameters in conjunction. This below call would return results 201-300.

```
https://restapi.alchemer.com/v4/survey/123456/surveyresponse?page=3&resultsperpage=100
```