

# Kaltura Analytics - Data Retrieval API

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The Kaltura Analytics Data Retrieval API provides a simple but powerful tool to query data programmatically using the standards of the Kaltura API, such as authentication, client libraries, etc.

## Endpoint

[http://www.kaltura.com/api\\_v3/index.php?service=analytics&action=getData](http://www.kaltura.com/api_v3/index.php?service=analytics&action=getData)

## Input

Param	Description	Expected Values	Mandatory
startDate	the start date from which to fetch the data	a date and time with the format yyyyMMdd-HH24:mi:ss	<input type="text"/>
endDate	the end date until which to fetch the data	a date and time with the format yyyyMMdd-HH24:mi:ss	<input type="text"/>
partnerId	the id of the partner who owns the data	a valid partner id (an integer)	<input type="text"/>
metrics	a comma separated list of metrics	playImpression,playRequested,play,estimatedMinutesWatched, averageViewDuration,playThrough25,playThrough50, playThrough75,playThrough100,playRatio,averageViewDropOff, segmentsWatched,percentageWatched,uniqueKnownUsers, uniquePlayerSessionId,uniqueVideos,view,dvrView,peakView, peakDvrView,bufferingTime,averageActualBitrate, loadToPlayTime	<input type="text"/>
dimensions	a comma separated list of dimensions	partner,entry,knownUserId,device,operatingSystem,browser, country,city,syndicationDomain,syndicationURL,application, category,playbackContext,day,hour,minute,10sec,streamingProtocol, expectedQuality,uiConfID	
filters	a comma separated list of		

Param	Description	Expected Values	Mandatory
pagination	index, number of rows	2 comma separated numbers [i,n], such as i >= 0 and n > 0.  Example: the value 0,20 will cause the API to return the first 20 rows	
sorting	a comma separated list of sorting fields	supported dimension/metrics to sort the results by. each field can be prepended with + or - to denote ascending or descending sorting	
timezoneOffset	the timezone offset from UTC (GMT)	Any integer value of an offset between UTC-12 and UTC+14	