

# DataServices API

## Environments

The DS API can be called on any of [these domains](#):

- Production: <https://ds-prod.eiseverywhere.com>
- Stage: <https://stage-ds.etches.com>
- QA: <https://ds-qa.eiseverywhere.com>
- UAT / Dev: <http://ds-dev.eiseverywhere.com>

## Authentication

The first call to the DataServices API is used to authenticate and get an access token for future requests.

Type	URL	Request Parameters	Response (JSON)
GET	/authenticate	accountid  key	status: success  accesstoken: xyz

## List Requests

### Optional List Parameters

All API calls can be filtered by any standard field in their output. Simply pass the column name and value as a query parameter. Multiple parameters (one per column) are accepted. For example, to get a single event from the event list API call, pass "eventid" as a query parameter.

Most list operations support the following optional request parameters to filter results. See the explanation of each endpoint for details of what's available.

Parameter	Description	Default Value	Example
fields	Comma-separated string or array of columns to return (pass no fields to get all)	(None)	attendeeid,fname,lname
deleted	Get only active records (0), only deleted records (1) or all records (empty).  This applies to only the base record (e.g. if requesting event list it applies to just events; active records for related data are returned).	0	0
lastmodified-gt	Last modified date and time greater than or equal to	(None)	2016-12-28
lastmodified-lt	Last modified date and time less than or equal to	(None)	2016-12-31
pageNumber	Page number for record pagination (counting from 1)	1	1
pageSize	Number of rows to return for record pagination	1024	100

## List Endpoints

Type	URL	Request Parameters	Description	Notes
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GET	/eventlist/[accountid]	accountid accesstoken deleted (optional) fields (optional) lastmodified-gt (optional) lastmodified-lt (optional) attendees_modified-gt (optional) attendees_modified-lt (optional) pageNumber (optional) pageSize (optional)	Event list for an account	attendees_modified refers to both the attendee and regsession data.
GET	/attendeelist/[accountid]/[eventid]	accountid accesstoken deleted (optional) fields (optional) lastmodified-gt (optional) lastmodified-lt (optional) pageNumber (optional) pageSize (optional)		
GET	/regsessionlist/[accountid]/[eventid]	accountid accesstoken deleted (optional) fields (optional) lastmodified-gt (optional) lastmodified-lt (optional) pageNumber (optional) pageSize (optional)	Link between attendees and the sessions they registered for.	
GET	/speakerlist/[accountid]/[eventid]	accountid accesstoken deleted (optional) fields (optional) pageNumber (optional) pageSize (optional)	Speaker list for an event.	Returns speakerid, questionid, and trackid.  The questionid + trackid here links the speaker to the session (questionid) and track (questionid + track_number).

GET	/sessionlist/[accountid]/[eventid]	accountid accesstoken deleted (optional) fields (optional) pageNumber (optional) pageSize (optional)	Session list for an event	Returns questionid, which is the unique identifier  for the session, synonymous with sessionid.
GET	/sessiontracklist/[accountid]/[eventid]	accountid accesstoken fields (optional) pageNumber (optional) pageSize (optional)	Session tracks for an event	Returns sessionid (same as questionid from sessionlist) and track_number. The track_number  is unique per session. Also returns field, and value  columns that contain name, description, and  other data. This same data is returned as fields  track_1_name, etc. in /sessionlist.
GET	/meetinglist/[accountid]/[eventid]	accountid accesstoken fields (optional) pageNumber (optional) pageSize (optional)	eSocial meeting list for an event	
GET	/preloadlist/[accountid]/[eventid]	accountid accesstoken fields (optional) pageNumber (optional) pageSize (optional)	Preload data	<i>Not yet launched to production.</i>
GET	/financialtransactionlist/[accountid]/[eventid]	accountid accesstoken deleted (optional) fields (optional) pageNumber (optional) pageSize (optional)	Financial Transactions: Charges,  Payments, Credits, Taxes	<i>Not yet launched to production.</i>

## Metadata Requests

### Metadata Endpoints

Type	URL	Request Parameters
GET	/eventmetadata/[accountid]	accountid accesstoken

GET	/attendeemetadata/{accountid}/{eventid}	accountid accesstoken
GET	/regsessionmetadata/{accountid}/{eventid}	accountid accesstoken
GET	/speakermetadata/{accountid}/{eventid}	accountid accesstoken
GET	/sessionmetadata/{accountid}/{eventid}	accountid accesstoken
GET	/sessiontrackmetadata/{accountid}/{eventid}	accountid accesstoken
GET	/meetingmetadata/{accountid}/{eventid}	accountid accesstoken
GET	/preloadmetadata/{accountid}/{eventid}	accountid accesstoken
GET	/financialtransactionmetadata/{accountid}/{eventid}	accountid accesstoken