Conference

NAME

createConference (login required)

DESCRIPTION

creates a new conference object and emails user with a confirmation email

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference

PARAMETERS

name	required	the conference name, must be a unique value
description	optional	a description of the conference
topics	optional	a list of conference topics
city	optional	city where the conference is held
startDate	optional	conference start date YYYY-MM-DD
maxAttendees	optional	max attendees for conference
endDate	optional	conference end date format YYYY-MM-DD

METHOD

POST

RETURNS

A dictionary with information on the created conference SAMPLE JSON RESPONSE

```
{
"alt": "json",
   "city": "Denver",
   "description": "Conference Description.",
   "endDate": "2016-05-06",
   "maxAttendees": "10000",
   "month": "5",
   "name": "Conference Name",
   "organizerUserId": "user email",
   "seatsAvailable": "0",
   "startDate": "2016-05-04",
   "topics": [
    "Web Development",
    "Python"
}
```

```
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```

updateConference

DESCRIPTION

Update conference w/provided fields & return w/updated info.

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/conference/
websafeConferenceKey>

PARAMETERS

websafeConferenceKey	required	the datastore key of the conference to update
name	optional	the conference name
description	optional	a description of the conference
topics	optional	a list of conference topics
city	optional	city where the conference is held
startDate	optional	conference start date YYYY-MM-DD
maxAttendees	optional	max attendees for conference
endDate	optional	conference end date format YYYY-MM-DD

METHOD

POST

RETURNS

A dictionary with information on the updated conference **SAMPLE JSON RESPONSE**

```
{
"alt": "json",
  "city": "Denver",
  "description": "Conference Description.",
  "endDate": "2016-05-06",
  "maxAttendees": "10000",
  "month": "5",
  "name": "Conference Name",
  "organizerUserId": "user email",
  "seatsAvailable": "0",
  "startDate": "2016-05-04",
  "topics": [
  "Web Development",
  "Python"
}
```

getConference

DESCRIPTION

Given the data store key for a conference, return the conference data

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/conference/

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD

GET

RETURNS

A dictionary with information on the conference SAMPLE JSON RESPONSE

```
"alt": "json",
  "city": "Denver",
  "description": "Conference Description.",
  "endDate": "2016-05-06",
  "maxAttendees": "10000",
  "month": "5",
  "name": "Conference Name",
  "organizerUserId": "user email",
  "seatsAvailable": "0",
  "startDate": "2016-05-04",
  "topics": [
  "Web Development",
  "Python"
  ],
  "websafeKey": "{websafeKey}"
}
```

getConferenceSessionsByDate

DESCRIPTION

Given a conference key, return all the sessions organized by session date and time

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/
get_sessions_by_date<websafeConferenceKey>

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD

GET

RETURNS

A dictionary with information on the conference **SAMPLE JSON RESPONSE**

getConferenceSessionsByType

DESCRIPTION

Given a conference key, return all the sessions of type specified

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/get_sessions_by_type/
<websafeConferenceKey>

PARAMETERS

websafeConferenceKeyrequireddata store key of conferencetypeOfSessionrequiredtypes of session to return

METHOD

GET

RETURNS

A dictionary containing all conference sessions that match **typeOfSession SAMPLE JSON RESPONSE**

getConferencesCreated

DESCRIPTION

Return conferences created by user

URL STRUCTURE

https://APP ID.appspot.com/ ah/api/conference/v1/getConferencesCreated

PARAMETERS

None

METHOD

POST

RETURNS

A dictionary containing all conferences created by the current user **SAMPLE JSON RESPONSE**

```
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```

getConferencesToAttend

DESCRIPTION

Return all the conference the user is registered for

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/conferences/attending

PARAMETERS

None

METHOD

GET

RETURNS

A dictionary containing all conferences created by the current user **SAMPLE JSON RESPONSE**

queryConferences

DESCRIPTION

Create a custom query to filter conference results against

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/queryConferences

PARAMETERS

Filters required data store field to search by, must be in (CITY,

TOPIC, MONTH, MAX_ATTENDEES)

Operator required equality paramter to search by ('EQ', 'GT',

'GTEQ','LT', 'LTEQ', 'NE')

Value required value to filter field against using operator as

argument

METHOD

POST

RETURNS

A dictionary containing all conferences filtered by the parameters SAMPLE JSON RESPONSE

getFeaturedSpeaker

DESCRIPTION

For a given conference return the featured speakers, those speaking twice

URL STRUCTURE

https://APP ID.appspot.com/_ah/api/conference/v1/get_featured_speaker/ <websafeConferenceKey>

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD

GET

RETURNS

A dictionary containing all each featured speaker and the sessions they are speaking at **SAMPLE JSON RESPONSE**

```
{
"items": [
    "name": [
        "Session 1",
        "Session 2"
        "speaker": "Session Speaker 1"
        "name": [
        "Session 3",
        "Session 4",
        "Session 5"
        "speaker": "Session Speaker 2"
        "speaker": "Session Speaker 2"
        "speaker": "Session Speaker 2"
}
```

Sessions

NAME

createSession

DESCRIPTION

Creates a new session in a conference the current user has created

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/session

PARAMETERS

name	required	session name, must be unique within conference
highlights	optional	brief description of conference defaults to 'None'
speaker	optional	name of session speaker, defaults to 'unassigned'
duration	optional	length of session in minutes, defaults to 15
typeOfSession	optional	<pre>list of session topics, defaults to ["Default", "Topic"]</pre>
date	optional	date session is taking place YYYY-MM-DD, defaults to conference start data
start_time	optional	start time of sesssion 24HH:MM, defaults to 08:00
websafeConferenceKey	required	data store key of conference

METHOD

POST

RETURNS

A dictionary with information on the created session **SAMPLE JSON RESPONSE**

```
{
    "alt": "json",
    "duration": "15",
    "highlights": "None",
    "name": "Conference Name",
    "speaker": "Session Speaker",
    "typeOfSession": [
    "Default",
    "Topic"
],
    "websafeConferenceKey": "<websafeConferenceKey>"
}
```

getSessions

DESCRIPTION

For a given conference return all sessions

URL STRUCTURE

https://APP ID.appspot.com/ ah/api/conference/v1/get sessions/{websafeSessionKey}

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD

GET

RETURNS

A dictionary with the all the conference sessions SAMPLE JSON RESPONSE

getSessionsBySpeaker

DESCRIPTION

Return sessions across all conferences with specified speaker.

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/get_sessions_by_speaker/{speaker name}

PARAMETERS

speaker_name

required

name of speaker

METHOD

GET

RETURNS

A dictionary with all sessions featuring the speaker SAMPLE JSON RESPONSE

ERRORS

None

addSessionToWishlist

DESCRIPTION

adds a session to the users wish list using the session datastore key

URL STRUCTURE

 $\label{local_https://APP_ID.appspot.com/_ah/api/conference/v1/add_session_to_wishlist/{websafeSessionKey}$

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD

GET

RETURNS

```
{
"data": true
}
```

deleteSessionFromWishlist

DESCRIPTION

given a data store key for a session, removes the session from the users wishlist

URL STRUCTURE

 $\label{local_loc$

PARAMETERS

websafeSessionKey

required

data store key of session

METHOD POST RETURNS

```
{
"data": true
```

getSessionsinWishlist

DESCRIPTION

Return sessions in users wish list

URL STRUCTURE

https://APP ID.appspot.com/ ah/api/conference/v1/get wish list sessions

PARAMETERS

None

METHOD

GET

RETURNS

A dictionary with all the sessions in the users wish list SAMPLE JSON RESPONSE

```
{
    "date": "2015-09-07",
        "duration": "15",
        "highlights": "None",
        "name": "Session 1",
        "speaker": "Session Speaker 1",
        "start time": "20:00:00",
        "typeOfSession": {
        "Breakout"
        "date": "2015-09-07",
        "duration": "30",
        "highlights": "None",
        "name": "Session 2",
        "speaker": "Session 5peaker 2",
        "start time": "21:00:00",
        "typeOfSession": {
        "Breakout"
        "year time": "21:00:00",
        "typeOfSession": {
        "Breakout"
        "duration": "15",
        "highlights": "None",
        "duration": "15",
        "highlights": "None",
        "name": "Session 3",
        "speaker": "Session 3",
        "speaker": "Session 3",
        "speaker": "Session 3",
        "start time": "20:30:00",
        "typeOfSession": {
        "Breakout"
        ""
        "Breakout"
        ""
        "Breakout"
        ""
        "Breakout"
        ""
        "Breakout"
        ""
        "Breakout"
        ""
        "WebsafeKey": "{websafeKey}"
```

getTopSessions

DESCRIPTION

Return top five conference sessions based on the number of adds to wish lists.

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/conf_sessions_by_popularity/
<websafeConferenceKey>

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD

GET

RETURNS

A dictionary with the top five sessions rated by number of wish list adds in the specified conference

SAMPLE JSON RESPONSE

```
<sup>{</sup>"items": [
      "date": "2015-09-07",
"duration": "15",
"highlights": "None",
"name": "Session I",
"speaker": "Session Speaker 1",
"start time": "20:00:00",
"typeOfSession": [
"Breakout"
].
           "websafeKey": "{websafeKey}"
         "date": "2015-09-07",
"duration": "30",
"highlights": "None",
"name": "Session 2",
"speaker": "Session Speaker 2",
"speaker time": "21:00:00",
"typeOfSession": [
"typeOfSession": [
           "websafeKey": "{websafeKey}"
   "Websall": "2015-09-07",
"date": "2015-09-07",
"duration": "15",
"highlights": "None",
"name": "Session 3",
"speaker": "Session", Speaker 3",
"start time": "20:30:00",
"typeOfSession": [
"Breakout": "{websafeKey}"
         "date": "2015-09-07",
"duration": "15",
"highlights": "None",
"name": "Session 3",
"speaker": "Session Speaker 4",
"speaker": "20:30:00",
"typeOfSession": [
"Ereakout"
           "websafeKey": "{websafeKey}"
    "Websall"

}

"date": "2015-09-07",

"duration": "15",

"highlights": "None",

"name": "Session 5",

"speaker": "Session Speaker 3",

"start time": "20:30:00",

"typeOfSession": [
"Breakout"

"WebsafeKey}"
```

```
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```

getNonWorkshopAfter7PM

DESCRIPTION

For a given conference return non workshop sessions after 7PM

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/no_workshops_after_7PM/
{websafeSessionKey}

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD

GET

RETURNS

A dictionary with all non-workshop sessions occurring after 7PM SAMPLE JSON RESPONSE

Registration

NAME

registerForConference

DESCRIPTION

Register user for selected conference

URL STRUCTURE

 $\label{local-host} $$ $$ https://APP_ID.appspot.com/http://local-host:10080/_ah/api/conference/v1/conference/<websafeConferenceKey> $$$

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD

POST

RETURNS

```
{
"data": true
}
```

unregisterForConference

DESCRIPTION

Unregister user for selected conference, returns true if successful or false in unsuccessful

URL STRUCTURE

https://APP ID.appspot.com/ ah/api/conference/v1/conference/
websafeConferenceKey>

PARAMETERS

websafeConferenceKey

required

data store key of conference

METHOD DELETE RETURNS

```
200 OK
{
"data": true
}

200 OK
{
"data": false
}
```

Profile

NAME

getProfile

DESCRIPTION

Return user profile.

URL STRUCTURE

https://{appspot}/_ah/api/conference/v1/profile

PARAMETERS

None

METHOD

GET

RETURNS

A dictionary with all user profile information SAMPLE JSON RESPONSE

```
{
    "conferenceKeysToAttend": [
        "<websafeConferenceKey>,<websafeConferenceKey>"
        ],
        "displayName": "user display name",
        "mainEmail": "user email",
        "teeShirtSize": "TEE SHIRT SIZE"
    }
```

ERRORS

None

saveProfile

DESCRIPTION

Saves user profile.

URL STRUCTURE

https://{appspot}/_ah/api/conference/v1/profile

PARAMETERS

displayNamerequireddisplay name for userteeShirtSizerequiredone of the values of:

```
NOT_SPECIFIED

XS_M
XS_W
S_M
M_M
M_W
L_M
L_W
XL_M
XL_W
XXL_M
XXL_W
XXXL_W
XXXL_M
```

METHOD POST

RETURNS

A dictionary with all user profile

SAMPLE JSON RESPONSE

```
"conferenceKeysToAttend": [
   "{websafeConferenceKey 1}",
   "{websafeConferenceKey_2}"
   "displayName": "User Display Name",
   "mainEmail": "user email",
   "sessionKeysInWishlist": [
   "<websafeSessionKeys>"
},
   "teeShirtSize": "TEE_SHIRT_SIZE"
}
```

Others

NAME

getAnnoncement

URL STRUCTURE

https://APP_ID.appspot.com/_ah/api/conference/v1/conference/announcement/get

PARAMETERS

None

METHOD

GET

RETURNS

```
200 OK { "data": "" }
```

```
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```