



Session data management via CTI API

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Summary

The following functions are made available for retrieving session information for requested CTI-Id.

For all options

Headers

Accept: application/json
AUTHKEY: <Will be provided by CTI>
USERKEY: <Will be provided by CTI>
ContentType: application/json

Variables

cti_env – sandbox *or* www
cti_meeting_id - <Will be provided by CTI>

Query Parameters

CTI_SessionId – int

Request Limits

The limits are currently set to:

1. CREATES to 100reqs/1min
2. UPDATES to 1req/1min
3. GET to 3req/60min
4. DELETE to 3req/60min

These limits are applied at the complete URL of the endpoint. Ex:

<https://sandbox.abstractsonline.com/capi/meeting/1234/sessions/265> can be called with the above-mentioned limits across the different “methods”.

Rules and Enforcements

There are few rules to adhere to for the CREATE and UPDATE endpoints for sessions.

- i. Session start and end date times need to be within the meeting start and end date times

Options

1. Get session

Method

GET

URL

[https://\[cti_env\].abstractsonline.com/oe3/capi/meeting/\[cti_meeting_id\]/sessions/\[CTI_SessionId\]](https://[cti_env].abstractsonline.com/oe3/capi/meeting/[cti_meeting_id]/sessions/[CTI_SessionId])

BODY

<Blank>

Responses

200 – Success (Session details for requested id)

```
{
  "AdditionalFields": [
    {
      "Key": "ARSSession",
      "Value": ""
    },
    {
      "Key": "Career",
      "Value": ""
    },
    {
      "Key": "ResearchTypes",
      "Value": ""
    }
  ],
  "Color": "#8ae883",
  "Duration": 75,
  "EmbargoSessionContentRule": "",
  "EmbargoSessionContentUntil": null,
  "End": "2022-04-02T09:45:00",
  "Id": "45",
  "Key": "ebc54cbb-20cc-49bb-824b-6ad8f6e14348",
  "LastUpdated": "2022-04-03T07:30:45",
  "Location": "3107a096-e875-49d9-8184-40b753c739cc",
  "MediaSource": "None",
  "MediaSourceDetails": null,
  "Number": "603",
  "OnDemand": "False",
  "PrimaryMediaItemKey": null,
  "Start": "2022-04-02T08:30:00",
  "Status": "Active",
  "StreamingKey": "",
  "ThumbnailUrl": null,
  "Title": "Aorta Transplant",
  "Type": "Scientific",
  "TypeKey": "6663b7bd-2e50-42ee-a045-ccc0f1df65cf"
}
```

2. Create session

Method

POST

URL

https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/sessions

BODY

```
{
  "AdditionalFields": [
    {
      "Key": "ARSSession",
      "Value": ""
    },
    {
      "Key": "Career",
      "Value": ""
    },
    {
      "Key": "ResearchTypes",
      "Value": ""
    }
  ],
  "Color": null,
  "Duration": 55,
  "End": "2021-10-23T13:55:00",
  "Location": "4f8df5b5-50ce-4dd8-915a-808b4abe0504",
  "Number": "STEST123",
  "OnDemand": "False",
  "Start": "2021-10-23T13:00:00",
  "Status": "Active",
  "Title": "Test Created Session",
  "TypeKey": "9c1fa495-cfe5-4707-bfe8-698258951c92"
}
```

Responses

200 – Success (Session details for created session)

```
{
  "AdditionalFields": [
    {
      "Key": "ARSSession",
      "Value": ""
    },
    {
      "Key": "Career",
      "Value": ""
    },
    {
      "Key": "ResearchTypes",
      "Value": ""
    }
  ]
}
```

```

    }
  ],
  "Color": "#8ae883",
  "Duration": 75,
  "EmbargoSessionContentRule": "",
  "EmbargoSessionContentUntil": null,
  "End": "2022-04-02T09:45:00",
  "Id": "45",
  "Key": "ebc54cbb-20cc-49bb-824b-6ad8f6e14348",
  "LastUpdated": "2022-04-03T07:30:45",
  "Location": "3107a096-e875-49d9-8184-40b753c739cc",
  "MediaSource": "None",
  "MediaSourceDetails": null,
  "Number": "603",
  "OnDemand": "False",
  "PrimaryMediaItemKey": null,
  "Start": "2022-04-02T08:30:00",
  "Status": "Active",
  "StreamingKey": "",
  "ThumbnailUrl": null,
  "Title": "Aorta Transplant",
  "Type": "Scientific",
  "TypeKey": "6663b7bd-2e50-42ee-a045-ccc0f1df65cf"
}

```

3. Update session

Method

PATCH

URL

https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/sessions/{CTI_Session
id}

BODY

```

{
  "Color": "red",
  "Title": "UPDATED Title",
  "Type": "Panel Session"
}

```

Responses

200 – Success (Updated information for the session)

```

{
  "AdditionalFields": [
    {
      "Key": "ARSSession",

```

```

        "Value": ""
    },
    {
        "Key": "Career",
        "Value": ""
    },
    {
        "Key": "ResearchTypes",
        "Value": ""
    }
],
"Color": "#8ae883",
"Duration": 75,
"EmbargoSessionContentRule": "",
"EmbargoSessionContentUntil": null,
"End": "2022-04-02T09:45:00",
"Id": "45",
"Key": "ebc54cbb-20cc-49bb-824b-6ad8f6e14348",
"LastUpdated": "2022-04-03T07:30:45",
"Location": "3107a096-e875-49d9-8184-40b753c739cc",
"MediaSource": "None",
"MediaSourceDetails": null,
"Number": "603",
"OnDemand": "False",
"PrimaryMediaItemKey": null,
"Start": "2022-04-02T08:30:00",
>Status": "Active",
"StreamingKey": "",
"ThumbnailUrl": null,
>Title": "Aorta Transplant",
>Type": "Scientific",
"TypeKey": "6663b7bd-2e50-42ee-a045-ccc0f1df65cf"
}

```

4. Update presentation order

Rules

- Need to send the full list of CTI presentation IDs in the intended order
- Removing any existing presentation ID which are part of this session will give an error
- Adding any presentation ID which are not part of this session will give an error

Method

POST

URL

https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/sessions/{CTI_Session Id}/presentationOrder

BODY (Array of all CTI Presentation Ids for the session in the intended order)

```
[
  6086,
  6084,
  6775
]
```

Responses

200 – Success (List of updated order of presentation ids)

```
[
  6086,
  6084,
  6775
]
```

5. Get all sessions

Method

GET

URL

https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/sessions

BODY

<Blank>

Responses

200 – Success (Array of all sessions)

```
[
  {
    "AdditionalFields": [
      {
        "Key": "ARSSession",
        "Value": ""
      },
      {
        "Key": "Career",
        "Value": ""
      },
      {
        "Key": "ResearchTypes",
```



```

        "Value": ""
    }
],
"Color": "#8ae883",
"Duration": 75,
"EmbargoSessionContentRule": "",
"EmbargoSessionContentUntil": null,
"End": "2022-04-02T09:45:00",
"Id": "45",
"Key": "ebc54cbb-20cc-49bb-824b-6ad8f6e14348",
"LastUpdated": "2022-04-03T07:30:45",
"Location": "3107a096-e875-49d9-8184-40b753c739cc",
"MediaSource": "None",
"MediaSourceDetails": null,
"Number": "603",
"OnDemand": "False",
"PrimaryMediaItemKey": null,
"Start": "2022-04-02T08:30:00",
>Status": "Active",
"StreamingKey": "",
"ThumbnailUrl": null,
>Title": "Cardiac Interventions and Pregnancy",
>Type": "Scientific",
>TypeKey": "0473b7bd-2e50-42ee-a045-ccc0f1df65cf"
},
{
    "AdditionalFields": [
        {
            "Key": "ARSSession",
            "Value": ""
        },
        {
            "Key": "Career",
            "Value": ""
        },
        {
            "Key": "ResearchTypes",
            "Value": ""
        }
    ],
    "Color": "#8ae883",
    "Duration": 75,
    "EmbargoSessionContentRule": "",
    "EmbargoSessionContentUntil": null,
    "End": "2022-04-02T09:45:00",
    "Id": "45",
    "Key": "ebc54cbb-20cc-49bb-824b-6ad8f6e14348",
    "LastUpdated": "2022-04-03T07:30:45",

```

```

        "Location": "3107a096-e875-49d9-8184-40b753c739cc",
        "MediaSource": "None",
        "MediaSourceDetails": null,
        "Number": "603",
        "OnDemand": "False",
        "PrimaryMediaItemKey": null,
        "Start": "2022-04-02T08:30:00",
        "Status": "Active",
        "StreamingKey": "",
        "ThumbnailUrl": null,
        "Title": "Aorta Transplant",
        "Type": "Scientific",
        "TypeKey": "6663b7bd-2e50-42ee-a045-ccc0f1df65cf"
    }
]

```

6. Get all sessions updated after particular date/time

Method

GET

URL

https://[cti_env].abstractsonline.com/oe3/capi/meeting/[cti_meeting_id]/
 incremental/sessions?pageSize={page_size}&from={utc_date_time}

BODY

<Blank>

Responses

200 – Success

Array of all session with the Urls to their API endpoint for details

```

[
  {
    "Id": "72ba1e0d-85ad-483d-b5f1-001f3e6e6580",
    "LastUpdated": "2021-10-20T21:04:24.913Z",
    "PageMarker": "2021-10-20T21:04:24.913Z_72ba1e0d-85ad-483d-b5f1-001f3e6e6580",
    "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-b5c6-f931580512b6/sessions/72ba1e0d-85ad-483d-b5f1-001f3e6e6580"
  },
  {
    "Id": "8c6f6369-a763-4b2b-a077-00525971754b",
    "LastUpdated": "2021-10-20T21:04:24.913Z",
    "PageMarker": "2021-10-20T21:04:24.913Z_8c6f6369-a763-4b2b-a077-00525971754b",
    "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-b5c6-f931580512b6/sessions/8c6f6369-a763-4b2b-a077-00525971754b"
  },
  {

```

```

    "Id": "78e5429b-846b-4c37-9803-00965bb1fee0",
    "LastUpdated": "2021-10-20T21:04:24.913Z",
    "PageMarker": "2021-10-20T21:04:24.913Z_78e5429b-846b-4c37-9803-00965bb1fee0",
    "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-
b5c6-f931580512b6/sessions/78e5429b-846b-4c37-9803-00965bb1fee0"
  },
  {
    "Id": "256e02c5-3d53-4b5a-bfa6-00c78bce78d4",
    "LastUpdated": "2021-10-20T21:04:24.913Z",
    "PageMarker": "2021-10-20T21:04:24.913Z_256e02c5-3d53-4b5a-bfa6-00c78bce78d4",
    "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-
b5c6-f931580512b6/sessions/256e02c5-3d53-4b5a-bfa6-00c78bce78d4"
  },
  {
    "Id": "b8cb73f7-449d-4a33-93a5-01d5a7117159",
    "LastUpdated": "2021-10-20T21:04:24.913Z",
    "PageMarker": "2021-10-20T21:04:24.913Z_b8cb73f7-449d-4a33-93a5-01d5a7117159",
    "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-
b5c6-f931580512b6/sessions/b8cb73f7-449d-4a33-93a5-01d5a7117159"
  }
]

```

Fields and Sizes

Considerations

- Please pass only fields that are required or need to be updated for any of the above functions.
- Sending a *null* for any of the values will keep the CTI value and ignore the field during an update
- Sending a blank string ("") will update the CTI value to a blank string
- Currently, updating session extra data fields is not available through the PATCH process in cAPI

Field	Data Type	Length	Required?	Description/Comments
Color	string	100		Hex-code or name
Duration	int			
End	datetime			Meeting location related datetime
Id	int			<Read-only>
Key	uniqueidentifier			<Read-only>
LastUpdated	datetime			
Location	uniqueidentifier		Yes	
Number	string	25		Client owned alphanumeric value to display in application
OnDemand	boolean			True False

Start	datetime			Meeting location related datetime
Status	string			Undefined Active Inactive
Title	string	255	Yes	
Type	string	255	Yes	<Read-only>
TypeKey	uniqueidentifier		Yes	