# Report Builder via CTI API

Version 1.3

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FOR PROFESSIONAL USE ONLY

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# Summary

The following functions are made available for retrieving reports saved in the CTI Report Builder application.

# 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*>
- *report-set-name* – Name of the report set under which the report has been created
- *name-of-saved-report* – Name is the report that was saved in the meeting within Report Builder
- *format* – json | xml | html | xlsx | csv | docx; if not specified, the output format will be what has been selected in the saved report

# Options

## Get data from existing report builder (2 steps)

Step 1.1: POST to the endpoint below to receive the response for the reference id from the initial request

### Method
POST

### URL
https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/reports/builder/{report-set-name}/{name-of-saved-report}.{format}

### BODY
<Blank>

### Responses

#### 200 – Success

```
{
    "Details": null,
    "Message": "Accepted",
    "Reference": "027d1882-5dd6-40dc-bab3-1896beea0f68",
    "ReferenceObject": null,
    "Severity": "Info"
}
```

Step 1.2: Call the GET endpoint below to receive the response for the reference id from the initial request

*Method*
GET

*URL*
https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/reports/builder/reference-id-from-initial-request}

*BODY*
&lt;Blank&gt;

*RESPONSE (Sample)*

```
[
        {
                "Abstract.ControlNumber": "1",
                "Abstract.Abstract1WordCount": 3,
                "Abstract.Abstract1": "Test abstract 1"
        },
                {
                "Abstract.ControlNumber": "2",
                "Abstract.Abstract1WordCount": 3,
                "Abstract.Abstract1": "Another Test abstract 2"
        }
]
```

# Considerations

The POST call will initiate the generation of the report output and provide you with a Reference key that can be used to call the GET endpoint. However, depending on the volume of data in the final result, the GET call may not be immediately available. We recommend either making a HEAD call to check for data availability or incorporating a delay of 3-5 seconds before executing the GET call to allow the system to complete the output. Failure to do so may result in a 404 error if the final results are still being generated.