

# Monitoring

## Query API

### HTTP REQUEST: GET

Get a list of queries for the purpose of monitoring query volume and performance. The result set size is limited to the minimum of `maxInboundQueries` or the global system limit. See the [Query Monitoring documentation](../managing-atscale/monitoring-queries/query-monitoring-api) for a detailed description of the response fields.

**GET** /monitoring/queries/orgId/{orgId}

#### URI PARAMETERS

Name	Type	Description
orgId	string	The Organization ID (UUID) for which you are querying. (Required)

#### QUERY PARAMETERS

Name	Type	Description
queryStartTimeFrom	string	Return records with query start time timestamps greater or equal to this value. (Required) Example value: 2018-12-06T22:48:29.698Z
queryStartTimeTo	string	Return records with query start time timestamps less than this value. If missing, no less-than constraint is applied to the query start time. (Optional) Example value: 2018-12-06T22:48:29.698Z
maxInboundQueries	integer	The response record limit (in-bound queries). The actual number of returned records is the minimum of this value and the system max limit. (Required)
includeQueryText	boolean	If true return the query text in the API response. If False, the query text is omitted. Default is False. (Optional)

#### RESPONSES

Code	Description
200	Success.
400	Invalid request for example: Invalid parameters, missing parameters.
401	Unauthorized. This error will occur if calling user does not have access right for the API.
405	Method Not allowed. Only GET requests are supported.
408	Request Timeout. If the response takes more than 30 seconds, then the request is timed out.
429	Too Many Requests. Returned if the client exceeds the request rate limit.
500	A server error occurred. Check the logs for more details.

## 200 Reponse Body

```
{
  "status": {
    "code": 0,
    "message": "200 OK"
  },
  "responseCreated": "2019-02-01T00:58:42.005Z",
  "response": {
    "type": "query_api_lookup_wrapper",
    "data": [
      {
        "type": "query_execution_info",
        "query_id": "5ee15f00-8741-43f8-98e8-9f0ef2cf5306",
        "org_id": "default",
        "project_id": "a74120f8-37c0-44dd-416a-d24a1a5d3a2a",
        "project_name": "Sales Insights",
        "cube_id": "b89a2fb7-74f4-4828-706e-70f7186e10a0",
        "cube_name": "Internet Sales Cube",
        "received_time": "2019-01-31T23:50:59.081Z",
        "started_planning": "2019-01-31T23:50:59.155Z",
        "finished_planning": "2019-01-31T23:50:59.268Z",
```

```

"query_finished": "2019-01-31T23:51:09.834Z",
"subqueries": [
  {
    "type": "subquery_execution_info",
    "query_id": "f126124e-175b-4a07-bd86-7dace65c74c8",
    "query_text": "SELECT\n  as_agg_4026f721_no_t11.key_c1 key_c1,\n
as_agg_4026f721_no_t11.calculatedtax1_c2 calculatedtax1_c2,\n
as_agg_4026f721_no_t11.calculatedtax1_c3 calculatedtax1_c3,\n
as_agg_4026f721_no_t11.calculatedtax1_c4 calculatedtax1_c4,\n
as_agg_4026f721_no_t11.orderquantity1_c5 orderquantity1_c5,\n
as_agg_4026f721_no_t11.orderquantity1_c6 orderquantity1_c6,\n
as_agg_4026f721_no_t11.orderquantity1_c7 orderquantity1_c7,\n
as_agg_4026f721_no_t11.salesamount1_c8 salesamount1_c8,\n
as_agg_4026f721_no_t11.salesamount1_c9 salesamount1_c9,\n
as_agg_4026f721_no_t11.salesamount1_c10 salesamount1_c10\nFROM\n
atscaleagg.as_agg_4026f721_none as_agg_4026f721_no_t11",
    "succeeded": true,
    "started": "2019-01-31T23:51:04.237Z",
    "subquery_fetch_start": "2019-01-31T23:51:09.828Z",
    "finished": "2019-01-31T23:51:09.828Z",
    "dialect": "Impala-2.12",
    "used_local_cache": false,
    "is_canary": false,
    "extra_props": {},
    "subquery_wait_duration": 4.969,
    "subquery_exec_duration": 5.591,
    "subquery_fetch_results_duration": 0,
    "subquery_wall_duration": 10.56,
    "subquery_wall_running_duration": 10.56
  }
],
"succeeded": true,
"aggregate_definition_ids": [
  "717cbe19-9e61-4f0a-936d-fd08cbd998cd"
],
"aggregate_instance_table_names": [
  "as_agg_4026f721_none"
],
"query_language": "none",
"subqueries_results_processing_duration": 10.56,
"query_wall_duration": 10.753,

```

```
    "query_pre_planning_duration": 0.074000000000000001,  
    "query_planning_duration": 0.113,  
    "subqueries_wall_duration": 0.006,  
    "subqueries_wall_running_duration": 10.56,  
    "subqueries_first_wait_duration": 4.969,  
    "query_wall_running_duration": 10.753  
  }  
],  
"result_set_limit": 500  
}  
}
```