BigQuery API

A data platform for customers to create, manage, share and query data.

Service: bigquery.googleapis.com

To call this service, we recommend that you use the Google-provided underlined client libraries. If your application needs to use your own libraries to call this service, use the following information when you make the API requests.

Discovery document

A Discovery Document is a machine-readable specification for describing and consuming REST APIs. It is used to build client libraries, IDE plugins, and other tools that interact with Google APIs. One service may provide multiple discovery documents. This service provides the following discovery document:

> https://bigquery.googleapis.com/discovery/v1/apis/bigquery/v2/rest

Service endpoint

A service endpoint is a base URL that specifies the network address of an API service. One service might have multiple service endpoints. This service has the following service endpoint and all URIs below are relative to this service endpoint:

> https://bigquery.googleapis.com

REST Resource: v2.datasets

Methods

delete	DELETE /bigquery/v2/projects/{projectId}/datasets/{datasetId} Deletes the dataset specified by the datasetId value.
get	GET /bigquery/v2/projects/{projectId}/datasets/{datasetId} Returns the dataset specified by datasetID.
insert	POST /bigquery/v2/projects/{projectId}/datasets Creates a new empty dataset.
list	GET /bigquery/v2/projects/{projectId}/datasets Lists all datasets in the specified project to which the user has been granted the READER dataset role.
patch	PATCH /bigquery/v2/projects/{projectId}/datasets/{datasetId} Updates information in an existing dataset.
update	PUT /bigquery/v2/projects/{projectId}/datasets/{datasetId} Updates information in an existing dataset.

REST Resource: v2.jobs

Methods

cancel	POST /bigquery/v2/projects/{projectId}/jobs/{jobId}/cancel Requests that a job be cancelled.
get	GET /bigquery/v2/projects/{projectId}/jobs/{jobId} Returns information about a specific job.
getQueryResults	GET /bigquery/v2/projects/{projectId}/queries/{jobId} RPC to get the results of a query job.
insert	POST /bigquery/v2/projects/{projectId}/jobs POST /upload/bigquery/v2/projects/{projectId}/jobs Starts a new asynchronous job.
list	GET /bigquery/v2/projects/{projectId}/jobs Lists all jobs that you started in the specified project.
query	POST /bigquery/v2/projects/{projectId}/queries Runs a BigQuery SQL query synchronously and returns query results if the query completes within a specified timeout.

REST Resource: v2.models

Methods

Methods

delete	`DELETE /bigquery/v2/projects/{projectId}/datasets/{datasetId}/models/{modelId}` Deletes the model specified by modelId from the dataset.
get	`GET /bigquery/v2/projects/{projectId}/datasets/{datasetId}/models/{modelId}` Gets the specified model resource by model ID.
list	`GET /bigquery/v2/projects/{projectId}/datasets/{datasetId}/models` Lists all models in the specified dataset.
patch	`PATCH /bigquery/v2/projects/{projectId}/datasets/{datasetId}/models/{modelId}` Patch specific fields in the specified model.

REST Resource: v2.projects

Methods

getServiceAccount	`GET /bigquery/v2/projects/{projectId}/serviceAccount` RPC to get the service account for a project used for interactions with Google Cloud KMS
list	`GET /bigquery/v2/projects` RPC to list projects to which the user has been granted any project role.

REST Resource: v2.routines

Methods

delete	`DELETE /bigquery/v2/projects/{projectId}/datasets/{datasetId}/routines/{routineId}` Deletes the routine specified by routineId from the dataset.
get	`GET /bigquery/v2/projects/{projectId}/datasets/{datasetId}/routines/{routineId}` Gets the specified routine resource by routine ID.
insert	`POST /bigquery/v2/projects/{projectId}/datasets/{datasetId}/routines` Creates a new routine in the dataset.
list	`GET /bigquery/v2/projects/{projectId}/datasets/{datasetId}/routines` Lists all routines in the specified dataset.
update	`PUT /bigquery/v2/projects/{projectId}/datasets/{datasetId}/routines/{routineId}` Updates information in an existing routine.

REST Resource: v2.rowAccessPolicies

Methods

getIamPolicy	`POST /bigquery/v2/{resource=projects/*/datasets/*/tables/*/rowAccessPolicies/*}:getIamPolicy` Gets the access control policy for a resource.
list	`GET /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables/{tableId}/rowAccessPolicies` Lists all row access policies on the specified table.
testIamPermissions	`POST /bigquery/v2/{resource=projects/*/datasets/*/tables/*/rowAccessPolicies/*}:testIamPermissions` Returns permissions that a caller has on the specified resource.

REST Resource: v2.tabledata

Methods

insertAll	`POST /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables/{tableId}/insertAll` Streams data into BigQuery one record at a time without needing to run a load job.
list	`GET /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables/{tableId}/data` List the content of a table in rows.

REST Resource: v2.tables

Methods

delete	`DELETE /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables/{tableId}` Deletes the table specified by tableId from the dataset.

Methods

[get](#)	`GET /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables/{tableId}` Gets the specified table resource by table ID.
[getIamPolicy](#)	`POST /bigquery/v2/{resource=projects/*/datasets/*/tables/*}:getIamPolicy` Gets the access control policy for a resource.
[insert](#)	`POST /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables` Creates a new, empty table in the dataset.
[list](#)	`GET /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables` Lists all tables in the specified dataset.
[patch](#)	`PATCH /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables/{tableId}` Updates information in an existing table.
[setIamPolicy](#)	`POST /bigquery/v2/{resource=projects/*/datasets/*/tables/*}:setIamPolicy` Sets the access control policy on the specified resource.
[testIamPermissions](#)	`POST /bigquery/v2/{resource=projects/*/datasets/*/tables/*}:testIamPermissions` Returns permissions that a caller has on the specified resource.
[update](#)	`PUT /bigquery/v2/projects/{projectId}/datasets/{datasetId}/tables/{tableId}` Updates information in an existing table.

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