

Overlord

Leadership

GET	/druid/indexer/v1/leader	Returns the current leader Overlord of the cluster.
GET	/druid/indexer/v1/isLeader	This returns a JSON object with field "leader", either true or false

Query Server

Queries

POST	/druid/v2/	The endpoint for submitting queries. Accepts an option ?pretty that pretty prints the results.
POST	/druid/v2/candidates/	Returns segment information lists including server locations for the given query..

Query Server

Load Status

GET	/druid/broker/v1/loadstatus	Returns a flag indicating if the Broker knows about all segments in Zookeeper.
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Query Server

Broker

Datasource Information

GET	/druid/v2/datasources	Returns a list of queryable datasources.
GET	/druid/v2/datasources/{dataSourceName}	Returns the dimensions and metrics of the datasource. Optionally, you can provide request parameter "full" to get list of served intervals with dimensions and metrics being served for those intervals. You can also provide request param "interval" explicitly to refer to a particular interval.
GET	/druid/v2/datasources/{dataSourceName}/candidates?intervals={comma-separated-intervals}&numCandidates={numCandidates}	Returns segment information lists including server locations for the given datasource and intervals. If "numCandidates" is not specified, it will return all servers for each interval.

Data Server

Historical Segment Loading

GET	/druid/historical/v1/-loadstatus	Returns JSON of the form {"cacheInitialized":<value>}, where value is either true or false indicating if all segments in the local cache have been loaded.
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Data Server (cont)

GET	/druid/historical/v1/readiness	Similar to /druid/historical/v1/loadstatus, but instead of returning JSON with a flag, responses 200 OK if segments in the local cache have been loaded, and 503 SERVICE UNAVAILABLE, if they haven't.
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Data Server

Peon		
GET	/druid/worker/v1/chat/{taskId}/rowStats	Retrieve a live row stats report from a Peon. See task reports for more details.
GET	/druid/worker/v1/chat/{taskId}/unparseable-Events	Retrieve an unparseable events report from a Peon. See task reports for more details.

Data Server

MiddleManager		
GET	/druid/worker/v1/enabled	Check whether a MiddleManager is in an enabled or disabled state
GET	/druid/worker/v1/tasks	Retrieve a list of active tasks being run on MiddleManager.
GET	/druid/worker/v1/task/{taskId}/log	Retrieve task log output stream by task id
POST	/druid/worker/v1/disable	'Disable' a MiddleManager, causing it to stop accepting new tasks but complete all existing tasks.
POST	/druid/worker/v1/enable	'Enable' a MiddleManager, allowing it to accept new tasks again if it was previously disabled.
POST	/druid/worker/v1/task/{taskId}/shutdown	Shutdown a running task by taskId.

Overlord

Dynamic Configuration		
GET	/druid/indexer/v1/worker	Retrieves current overlord dynamic configuration.
GET	/druid/indexer/v1/worker/history?-interval={interval}&counter={count}	Retrieves history of changes to overlord dynamic configuration. Accepts interval and count query string parameters to filter by interval and limit the number of results respectively.
GET	/druid/indexer/v1/scaling	Retrieves overlord scaling events if auto-scaling runners are in use.
POST	/druid/indexer/v1/worker	Update overlord dynamic worker configuration.



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Overlord

Supervisors

GET	/druid/indexer/v1/supervisor	Returns a list of strings of the currently active supervisor ids.
GET	/druid/indexer/v1/supervisor?full	Returns a list of objects of the currently active supervisors.
GET	/druid/indexer/v1/supervisor/<supervisorId>	Returns the current spec for the supervisor with the provided ID.
GET	/druid/indexer/v1/supervisor/<supervisorId>/status	Returns the current status of the supervisor with the provided ID.
GET	/druid/indexer/v1/supervisor/history	Returns an audit history of specs for all supervisors (current and past).
GET	/druid/indexer/v1/supervisor/<supervisorId>/history	Returns an audit history of specs for the supervisor with the provided ID.
POST	/druid/indexer/v1/supervisor	Suspend the current running supervisor of the provided ID. Responds with updated SupervisorSpec.
POST	/druid/indexer/v1/supervisor/<supervisorId>/suspend	Suspend the current running supervisor of the provided ID. Responds with updated SupervisorSpec.
POST	/druid/indexer/v1/supervisor/suspendAll	Suspend all supervisors at once.
POST	/druid/indexer/v1/supervisor/<supervisorId>/resume	Resume indexing tasks for a supervisor. Responds with updated SupervisorSpec.
POST	/druid/indexer/v1/supervisor/resumeAll	Resume all supervisors at once.
POST	/druid/indexer/v1/supervisor/<supervisorId>/reset	Reset the specified supervisor.
POST	/druid/indexer/v1/supervisor/<supervisorId>/terminate	Terminate a supervisor of the provided ID.
POST	/druid/indexer/v1/supervisor/terminateAll	Terminate all supervisors at once.
POST	/druid/indexer/v1/supervisor/<supervisorId>/shutdown	Shutdown a supervisor.
POST	/druid/indexer/v1/supervisor/<supervisorId>/suspend	Suspend the current running supervisor of the provided ID. Responds with updated SupervisorSpec.

Overlord

Tasks

GET	/druid/indexer/v1/tasks	Retrieve list of tasks. Accepts query string parameters state, datasource, createdTimeInterval, max, and type.
GET	/druid/indexer/v1/completeTasks	Retrieve list of complete tasks. Equivalent to /druid/indexer/v1/tasks?state=complete.
GET	/druid/indexer/v1/runningTasks	Retrieve list of running tasks. Equivalent to /druid/indexer/v1/tasks?state=running.



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Overlord (cont)

GET	/druid/indexer/v1/waitingTasks	Retrieve list of waiting tasks. Equivalent to /druid/indexer/v1/tasks?state=waiting.
GET	/druid/indexer/v1/pendingTasks	Retrieve list of pending tasks. Equivalent to /druid/indexer/v1/tasks?state=pending.
GET	/druid/indexer/v1/task/{taskId}	Retrieve the 'payload' of a task.
GET	/druid/indexer/v1/task/{taskId}/status	Retrieve the status of a task.
GET	/druid/indexer/v1/task/{taskId}/segments	Retrieve information about the segments of a task.
GET		This API is deprecated and will be removed in future releases.
GET	/druid/indexer/v1/task/{taskId}/reports	Retrieve a task completion report for a task. Only works for completed tasks.
POST	/druid/indexer/v1/task	Endpoint for submitting tasks and supervisor specs to the Overlord. Returns the taskId of the submitted task.
POST	/druid/indexer/v1/task/{taskId}/shutdown	Shuts down a task.
POST	/druid/indexer/v1/datasources/{dataSource}/shutdownAllTasks	Shuts down all tasks for a dataSource.
POST	/druid/indexer/v1/taskStatus	Retrieve list of task status objects for list of task id strings in request body.
DELETE	/druid/indexer/v1/pendingSegments/{dataSource}	Manually clean up pending segments table in metadata storage for dataSource. Returns a JSON object.

Common

/status	Returns the Druid version, loaded extensions, memory used, total memory and other useful information about the process.
/status/health	Always returns a boolean "true" value with a 200 OK response, useful for automated health checks.
/status/properties	Returns the current configuration properties of the process.

These endpoints are supported by all processes.

Master Server

Server Information

GET	/druid/coordinator/v1/servers	Returns a list of servers URLs using the format {hostname}:{port}.
GET	/druid/coordinator/v1/servers?simple	Returns a list of server data objects in which each object has the following keys: <i>host</i> : host URL include ({hostname}:{port}) <i>type</i> : process type (indexer-executor, historical) <i>currSize</i> : storage size currently used <i>maxSize</i> : maximum storage size <i>priority</i> tier



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Master Server

Compaction Configuration

GET	/druid/coordinator/v1/config/compaction	Returns all compaction configs.
GET	/druid/coordinator/v1/config/compaction/{dataSource}	Returns a compaction config of a dataSource.
POST	/druid/coordinator/v1/config/compaction/taskslots?ratio={someRatio}&max={someMaxSlots}	Update the capacity for compaction tasks. ratio and max are used to limit the max number of compaction tasks.
POST	/druid/coordinator/v1/config/compaction	Creates or updates the compaction config for a dataSource.
DELETE	/druid/coordinator/v1/config/compaction/{dataSource}	Removes the compaction config for a dataSource.

See Compaction Configuration for configuration details.

Master Server

Intervals

GET	/druid/coordinator/v1/intervals	Returns all intervals for all datasources with total size and count.
GET	/druid/coordinator/v1/intervals/{interval}	Returns aggregated total size and count for all intervals that intersect given isointerval.
GET	/druid/coordinator/v1/intervals/{interval}?simple	Returns total size and count for each interval within given isointerval.
GET	/druid/coordinator/v1/intervals/{interval}?full	Returns total size and count for each datasource for each interval within given isointerval.

Note that all interval URL parameters are ISO 8601 strings delimited by a _ instead of a / (e.g., 2016-06-27_2016-06-28).

Master Server

Retention Rules

GET	Retention Rules	Returns all rules as JSON objects for all datasources in the cluster including the default datasource.
GET	/druid/coordinator/v1/rules/{dataSourceName}	Returns all rules for a specified datasource.
GET	/druid/coordinator/v1/rules/{dataSourceName}?full	Returns all rules for a specified datasource and includes default datasource.
GET	/druid/coordinator/v1/rules/history?interval=<interval>	Returns audit history of rules for all datasources

default value of interval can be specified by setting druid.audit.manager.auditHistoryMillis (1 week if not configured) in Coordinator runtime.properties



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Master Server (cont)

GET	/druid/coordinator/v1/rules/history?count=<n>	Returns last entries of audit history of rules for all datasources.
GET	/druid/coordinator/v1/rules/{dataSource-Name}/history?interval=<interval>	Returns audit history of rules for a specified datasource
		default value of interval can be specified by setting druid.audit.manager.auditHistoryMillis (1 week if not configured) in Coordinator runtime.properties
GET	/druid/coordinator/v1/rules/{dataSource-Name}/history?count=<n>	Returns last entries of audit history of rules for a specified datasource.
POST	/druid/coordinator/v1/rules/{dataSource-Name}	POST with a list of rules in JSON form to update rules.

Note that all interval URL parameters are ISO 8601 strings delimited by a _ instead of a / (e.g., 2016-06-27_2016-06-28).

Master Server

Datasources		
GET	/druid/coordinator/v1/datasources	Returns a list of datasource names found in the cluster.
GET	/druid/coordinator/v1/datasources?simple	Returns a list of JSON objects containing the name and properties of datasources found in the cluster.
GET	/druid/coordinator/v1/datasources?full	Returns a list of datasource names found in the cluster with all metadata about those datasources.
GET	/druid/coordinator/v1/datasources/{dataSourceName}	Returns a JSON object containing the name and properties of a datasource
GET	/druid/coordinator/v1/datasources/{dataSourceName}?full	Returns full metadata for a datasource .
GET	/druid/coordinator/v1/datasources/{dataSourceName}/intervals	Returns full metadata for a datasource .
GET	/druid/coordinator/v1/datasources/{dataSourceName}/intervals	Returns a set of segment intervals.
GET	/druid/coordinator/v1/datasources/{dataSourceName}/intervals?simple	Returns a map of an interval to a JSON object containing the total byte size of segments and number of segments for that interval.
GET	/druid/coordinator/v1/datasources/{dataSourceName}/intervals?full	Returns a map of an interval to a map of segment metadata to a set of server names that contain the segment for that interval.
GET	/druid/coordinator/v1/datasources/{dataSourceName}/intervals/{interval}	Returns a set of segment ids for an interval.



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Master Server (cont)

GET	/druid/coordinator/v1/datasources/{dataSourceName}/intervals/{interval}?simple	Returns a map of segment intervals contained within the specified interval to a JSON object
GET	/druid/coordinator/v1/datasources/{dataSourceName}/intervals/{interval}?full	Returns a map of segment intervals contained within the specified interval to a map of segment metadata to a set of server names that contain the segment for an interval.
GET	/druid/coordinator/v1/datasources/{dataSourceName}/intervals/{interval}/server-view	Returns a map of segment intervals contained within the specified interval to information about the servers that contain the segment for an interval.
GET	/druid/coordinator/v1/datasources/{dataSourceName}/segments	Returns a list of all segments for a datasource in the cluster.
GET	/druid/coordinator/v1/datasources/{dataSourceName}/segments?full	Returns a list of all segments for a datasource in the cluster with the full segment metadata.
GET	/druid/coordinator/v1/datasources/{dataSourceName}/segments/{segmentId}	Returns full segment metadata for a specific segment in the cluster.
GET	/druid/coordinator/v1/datasources/{dataSourceName}/tiers	Return the tiers that a datasource exists in.
POST	/druid/coordinator/v1/datasources/{dataSourceName}	Enables all segments of datasource which are not overshadowed by others.
POST	/druid/coordinator/v1/datasources/{dataSourceName}/segments/{segmentId}	Enables a segment of a datasource.
DELETE	/druid/coordinator/v1/datasources/{dataSourceName}	Disables a datasource.
DELETE	/druid/coordinator/v1/datasources/{dataSourceName}/intervals/{interval}	Runs a Kill task for a given interval and datasource.
DELETE	/druid/coordinator/v1/datasources/{dataSourceName}/segments/{segmentId}	Disables a segment.

Note that all interval URL parameters are ISO 8601 strings delimited by a _ instead of a / (e.g., 2016-06-27_2016-06-28).

Master Server

Metadata info

GET	/druid/coordinator/v1/metadata/datasources	Returns a list of the names of enabled datasources in the cluster.
GET	/druid/coordinator/v1/metadata/datasources?includeDisabled	Returns a list of the names of enabled and disabled datasources in the cluster.
GET	/druid/coordinator/v1/metadata/datasources?full	Returns a list of all enabled datasources with all metadata about those datasources as stored in the metadata store.
GET	/druid/coordinator/v1/metadata/datasources/{dataSourceName}	Returns full metadata for a datasource as stored in the metadata store.



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Master Server (cont)

GET	/druid/coordinator/v1/metadata/datasources/{dataSourceName}/segments	Returns a list of all segments for a datasource as stored in the metadata store.
GET	/druid/coordinator/v1/metadata/datasources/{dataSourceName}/segments?full	Returns a list of all segments for a datasource with the full segment metadata as stored in the metadata store.
GET	/druid/coordinator/v1/metadata/datasources/{dataSourceName}/segments/{segmentId}	Returns full segment metadata for a specific segment as stored in the metadata store.
POST	/druid/coordinator/v1/metadata/datasources/{dataSourceName}/segments	Returns a list of all segments, overlapping with any of given intervals
POST	/druid/coordinator/v1/metadata/datasources/{dataSourceName}/segments?full	Returns a list of all segments, overlapping with any of given intervals, for a datasource with the full segment metadata

Master Server

Segment Loading

GET	/druid/coordinator/v1/loadstatus	Returns the percentage of segments actually loaded in the cluster
GET	/druid/coordinator/v1/loadstatus?simple	Returns the number of segments left to load in each tier
GET	/druid/coordinator/v1/loadqueue	Returns the ids of segments to load and drop for each Historical process.
GET	/druid/coordinator/v1/loadqueue?simple	Returns the number of segments to load and drop
GET	/druid/coordinator/v1/loadqueue?full	Returns the serialized JSON of segments to load and drop for each Historical process.

Master Server

Coordinator - Leadership

GET	/druid/coordinator/v1/leader	Returns the current leader Coordinator of the cluster.
GET	/druid/coordinator/v1/isLeader	Returns a JSON object with field "leader", either true or false



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