Enclave Orchestration Server - Rest Services

- Inventory
- Resource Hierarchy
- Resource Data Model
- Versioning
- Common attributes present in all JSON Response Objects
- Detailed Description of the Resources
 - Root
 - DataSchema
 - DataSource
 - QuerySchema
 - Query
 - Schedule
 - Result
 - Retrieval
 - Decryption

Inventory

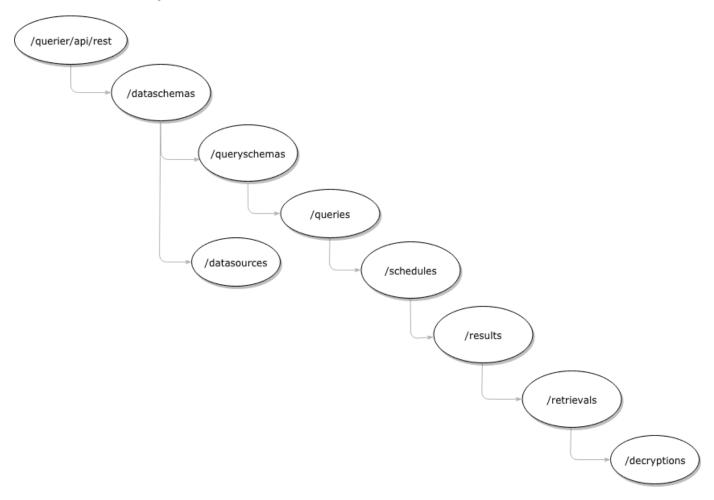
The following table lists all resources provided by the Orchestration Server to be used for the Secure Enclave User Interface.

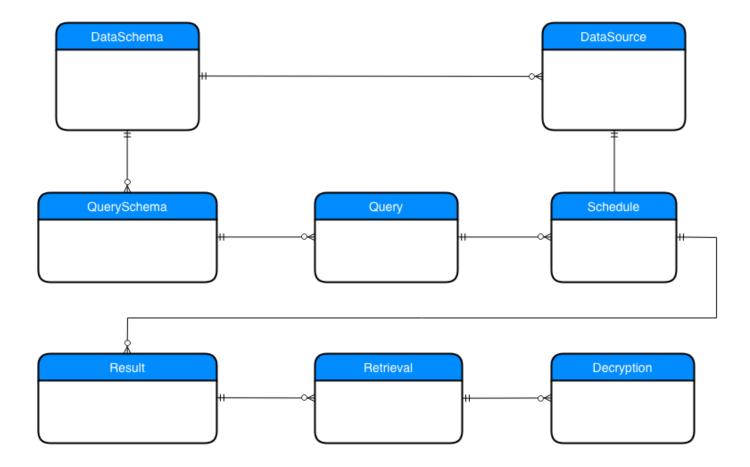
All Services use JSON format with vendor specific Media Type: application/vnd.encrypedquery.enclave+json

Resource	Description	URI
Root	List of root resources and their URIs. This can be used by the UI to avoid hard coding the various service URIs. For now, there is only one root resource: / dataschemas	/querier/api/rest/
DataSchema	Data Schemas.	/querier/api/rest/dataschemas
DataSource	Data Sources for a given Data Schema.	/querier/api/rest/dataschemas/{dataSchemald}/datasources
QuerySchema	Query Schemas for a given Data Schema.	/querier/api/rest/dataschemas/{dataSchemald}/queryschemas
Query	Queries for a given Query Schema.	/querier/api/rest/dataschemas/{dataSchemald}/queryschemas/{querySchemald}/queries
Schedule	Execution schedules for a given Query. A Query can be executed multiple times. Each Query execution is the result of a fulfilled Schedule.	/querier/api/rest/dataschemas/{
Result	Results are produced by the fulfillment of a Schedule, i.e., they are the result of running a Query. Depending on the type of Data Source (Batch or Streaming), there may be more than one result for a given Schedule.	/querier/api/rest/dataschemas/{dataSchemald}/queryschemas/{querySchemald}/queries/{queryId}/schedules/{scheduleId}/results

Retrieval	Retrievals of a query result. Once a Result is available, the actual payload of the result can be fetched from the remote Cloud system. This is a potentially long running operation initiated by the actor. Normally, there will be zero or one Retrieval for each Result, but there may be more in case of system/transmission errors.	/querier/api/rest/dataschemas/ ${dataSchemald}$ /queryschemas/ ${querySchemald}$ /queries/ ${queryld}$ /schedules/ ${scheduleld}$ /results/ ${resultId}$ /retrievals
Decryption	Once a Result is retrieved, it can be decrypted. This is a potentially long running operation initiated by the actor. Normally, there will be zero or one Decryptions for each Retrieval, but there may be more in case of system errors. A fulfilled Decryption contains the plain text which is the result of the Query Execution.	/querier/api/rest/dataschemas/{dataSchemald}/queryschemas/{querySchemald}/queries/{queryId}/schedules/{scheduleId}/results/{resultId}/retrievals/{retrievalId}/decryptions

Resource Hierarchy





Versioning

In order to support versioning, a vendor specific media type is used throughout this API.

Media Type: application/vnd.encrypedquery.enclave+json

This media type also defines a version parameter: *version*={XXX}. Clients can then specify the version of the resource they request in the standard HTTP header *Accept*.

Example:

```
GET /querier/api/rest/dataschemas/42 HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
```

The server response will always contain the version of the resource:

```
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
```

If the version parameter is not specified by the client, the server will return the latest supported version of the resource.

Common attributes present in all JSON Response Objects

The following attributes are common to all the JSON responses.

Field	Туре	Description
data.id	string	The unique permanent identifier of the object. In combination with type, uniquely identifies an object,
data.type	string	The type of the object.
data.selfUri	uri	The URI to the object.
included	array of objects	Optional array of referenced (related) objects. The main data object of the response may reference other objects, in these cases, an "included" attribute is added to the response including these referenced objects for the convenience of the client and to avoid additional round trips.

Detailed Description of the Resources

Root

Address: /querier/api/rest/

Verbs: GET

```
GET /querier/api/rest/ HTTP/1.1

{ "data" : [ {
    "id" : "dataschema",
    "selfUri" : "/querier/api/rest/dataschemas",
    "type" : "Resource"
    } ]
```

DataSchema

Address: /querier/api/rest/dataschemas/{dataSchemald}

Verbs: GET

Parameters:

Name	Туре	Data Type	Description	Optional	Valid with
dataSchemald	path	string	Id of the Data Schema to retrieve, if not specified, a list of all Data Schemas is retrieved.	true	GET

Data:

Member	Data type	Description	Omitted During
id	string	Unique id	
name	string	Name of this Data Schema	
fields	DataSchemaField[]	Array of fields of this Data Schema	GET('dataSchemald' = null)
selfUri	uri	URI to self	
dataSourcesUri	uri	URI to child Data Sources	GET('dataSchemald' = null)
querySchemasUri	uri	URI to child Query Schemas	GET('dataSchemald' = null)

DataSchemaField:

Member	Data type	Description
name	string	Field name.
dataType	string	Data type of this field

isArray	boolean	True if array, false if not.
position	int	The zero-based index of this field in the source data set. Some Data Sources don't support access fields by name, like CSV, TSV, etc.

Examples:

Retrieve list of DataSchemas

Retrieve DataSchema 123

```
GET /querier/api/rest/dataschemas/123 HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data " : {
"id": "123",
"name": "Phone Records",
"fields" : [
  { "name": "action", "dataType": "string", "isArray": "false",
"position": 0 },
  { "name": "duration", "dataType": "double", "isArray": "false",
"position": 1 }
]
"selfUri": "/querier/api/rest/dataschemas/123",
"datasourcesUri": "/querier/api/rest/dataschemas/123/datasources",
 "queryschemasUri": "/querier/api/rest/dataschemas/123/queryschemas"
} }
```

DataSource

Address: /querier/api/rest/dataschemas/{dataSchemald}/datasources/{dataSourceId}

Verbs: GET
Parameters:

Name	Туре	Data Type	Description	Optional
dataSchemald	path	string	Id of parent Data Schema.	
dataSourceId	path	string	Id of the Data Source to Retrieve	GET

Data:

Member	Data type	Description	Omitted if
id	string	Id of this Data Source	
selfUri	uri	URI to this Data Source	
name	string	Name of this Data Source	
description	string	Description of this Data Source	
type	string	Type of Data Source: Streaming/Batch	GET('dataSourceId' = null)
dataSchema.id	string	Id of this Data Source	GET('dataSourceId' = null)
dataSchema.selfUri	uri	URI to parent Data Schema	GET('dataSourceId' = null)

Retrieve list of Data Sources

```
GET /querier/api/rest/dataschemas/123/datasources HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1

HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1

{"data": [{
    "id": "875",
    "selfUri": "/querier/api/rest/dataschemas/123/datasources/875",
    "name": "Phones-MR"
},
{
    "id": "876",
    "selfUri": "/querier/api/rest/dataschemas/123/datasources/876",
    "name": "Phones-JDBC"
}
```

Retreive DataSource 875

```
GET /querier/api/rest/dataschemas/123/datasources/875 HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1

{"data": {
   "id": "875",
   "selfUri": "/querier/api/rest/dataschemas/123/datasources/875",
   "name": "Phones-MR",
   "description": "Phones, MapReduce Hadoop",
   "dataSchema": {
        "id": "123",
        "selfUri": "/querier/api/rest/dataschemas/123"
        },
        "type": "Batch"
}}
```

QuerySchema

Address: /querier/api/rest/dataschemas/{dataSchemald}/queryschemas/{querySchemald}

Verbs: GET, POST

Parameters:

Name	Туре	Data Type	Description	Optional
dataSchemald	path	string	Id of parent Data Schema.	
querySchemald	path	string	Id of the Query Schema	GET

Data:

Member	Data type	Description	Omitted if
id	string	Unique id	POST
selfUri	uri	URI to self	POST
name	string	Name of this Querychema	
selectorField	string	Name of field to be used as selector	GET('dataSourceId' = null)
fields	QuerySchemaField[]	Array of fields of this Query Schema	GET('dataSourceId' = null)
dataSchema.id	string	Id of the parent Data Schema	POST
			GET('dataSourceId' = null)
dataSchema.selfUri	uri	URI to parent Data Schema	POST
			GET('dataSourceId' = null)
queriesUri	uri	URI to child Queries	POST
			GET('dataSourceId' = null)

QuerySchemaField:

Member	Data type	Description
name	string	Field name. Must be one of the fields in the associated DataSchema.
lengthType	string	Type of length: fixed/variable
size	int	Size of bytes to return
maxArrayElements	int	If array, how many elements to return.

Retrieve Query Schemas for DataSchema 123

Retrieve Query Schema 456 of Data Schema 123

```
GET /querier/api/rest/dataschemas/123/queryschemas/456 HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data": {
  "id": "456",
  "selfUri": "/querier/api/rest/dataschemas/123/queryschemas/456",
  "name": "My First Query Schema",
  "selectorField" : "caller",
  "fields": [
  {"name":"caller", "lengthType":"fixed", "size":12,
"maxArrayElements":5},
   {"name": "callee", "lengthType": "fixed", "size": 12,
"maxArrayElements":5},
   {"name":"time_stamp", "lengthType":"fixed", "size":20,
"maxArrayElements":0}
  ],
  "dataSchema" : {
   "id" : "123",
   "selfUri" : "/querier/api/rest/dataschemas/123"
     },
  "queriesUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries"
}
```

Create a new Query Schema

```
POST /querier/api/rest/dataschemas/123/queryschemas HTTP/1.1
 "name": "Query Schema 1",
 "selectorField": "field1",
 "fields":[{
  "name": "field1",
  "lengthType": "fixed",
 "size":10,
  "maxArrayElements":1
} ]
}
HTTP/1.1 201 Created
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
Location: /querier/api/rest/dataschemas/123/queryschemas/9001
{ "data": {
"id" : "9001",
"selfUri": "/querier/api/rest/dataschemas/123/queryschemas/9001",
 "name": "Query Schema 1",
 "selectorField": "field1",
 "fields":[{
  "name": "field1",
  "lengthType": "fixed",
 "size":10,
  "maxArrayElements":1
 }],
 "dataSchema" : {
 "id" : "123",
  "selfUri" : "/querier/api/rest/dataschemas/123"
},
"queriesUri":
"/querier/api/rest/dataschemas/123/queryschemas/9001/queries"
```

Query

 $\textbf{Address:} / \textit{querier/api/rest/dataschemas/} \{\textit{dataSchemald}\} / \textit{querySchemald}\} / \textit{querySchemald}\} / \textit{queryId}\} = (\textit{queryId}) / \textit{queries} / \textit{queryId}\} / \textit{queries} / \textit{queryId}\} / \textit{queryId}$

Verbs: GET, POST

Parameters:

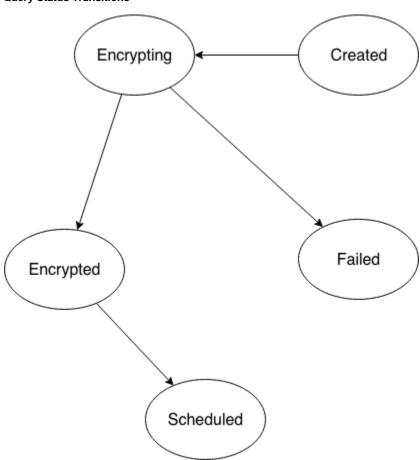
Name	Туре	Data Type	Description	Optional
dataSchemald	path	string	Id of parent Data Schema.	
querySchemald	path	string	Id of parent Query Schema	

queryld	path	string	Id of the Query to retrieve	GET
7 7		3		

Data:

Member	Data type	Description	Omitted if
id	string	Unique id of this Query	POST
selfUri	uri	URI to this Query	POST
name	string	Name of this Query	
status	string	Status of this query: Created, Encrypting, Encrypted, Sscheduled, Failed	POST
dataPartitionBitSize	int		GET('query/d' = null)
hashBitSize	int		GET('query/d' = null)
bitSet	int		GET('query/d' = null)
paillierBitSize	int		GET('query <i>ld</i> ' = null)
certainty	int		GET('query/d' = null)
embedSelector	boolean		GET('query <i>ld</i> ' = null)
querySchema.id	string	ld of the parent QuerySchema	POST, GET('query <i>ld'</i> = null)
querySchema.selfUri	uri	URI to parent Query Schema	POST, GET('query <i>ld'</i> = null)
schedulesUri	uri	URI to child Schedules	POST, GET('queryld' = null)

Query Status Transitions



List of Queries

```
GET /querier/api/rest/dataschemas/123/queryschemas/456/queries HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1

HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1

{
    "data" : [ {
        "id" : "199",
        "selfUri" :
    "/querier/api/rest/dataschemas/123/queryschemas/456/queries/199",
        "name" : "Query 2",
        "status" : "Created"
    } ]
}
```

Retrieve Query 974 of QuerySchema 456

```
GET /querier/api/rest/dataschemas/123/queryschemas/456/queries/974
HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
     "data": {
        "id": "974",
        "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974",
        "name": "Sample Query",
        "status": "Encrypted",
        "schedulesUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s",
        "parameters": {
            "dataPartitionBitSize": 8,
            "hashBitSize": 12,
            "paillierBitSize": 3072,
            "bitSet": 32,
            "certainty": 128
        },
        "selectorValues": [
            "410-203-3243",
            "675-755-8753",
            "768-334-1234"
        "embedSelector": true,
  "querySchema" : {
        "id" : "456",
      "selfUri" : "/querier/api/rest/dataschemas/123/queryschemas/456"
  },
```

Schedule

Address: /querier/api/rest/dataschemas/{dataSchemald}/queryschemas/{querySchemald}/queries/{queryId}/schedules/{scheduleId}

Verbs: GET, POST

Parameters:

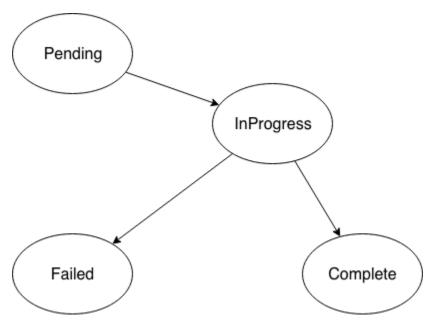
Name	Туре	Data Type	Description	Optional
dataSchemald	path	string	The Data Schema Id	

querySchemald	path	string	Id of the Query Schema	
queryld	path	string	Id of the Query to retrieve	
scheduleld	path	string	Id of the Schedule to retrieve	GET

Data:

Member	Data type	Description	Omitted if
id	string	Unique id	POST
selfUri	uri	URI to this Schedule	POST
startTime	timestamp	When is the query scheduled to run.	
status	string	Status of this schedule: Pending, InProgress, Complete, Failed	POST
parameters	Мар	Key value additional parameters	GET('scheduleId' = null)
dataSource.id	string	Id of Data Source to Query in this schedule	GET('scheduleId' = null)
dataSource.selfUri	uri	URI to the Data Source on which to run the Query.	POST, GET('scheduleId' = null)
query.id	string	Id of the parent Query	POST, GET('scheduleId' = null)
query.selfUri	uri	URI to parent Query	POST, GET('scheduleId' = null)
resultsUri	uri	URI to list of child results	POST, GET('scheduleId' = null)

Schedule Status transitions:



List of Schedules for Query 974

```
GET
/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedules
HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data" : [{
  "id": "1010",
  "startTime": "2018-04-23T18:25:43.511Z",
  "status": "Complete",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010"
},{
  "id": "1011",
  "startTime": "2018-11-15T14:25:43.511Z",
  "status": "Pending",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1011"
} ]
}
```

Retrieve Schedule 1010

```
GET
/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedules
/1010 HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
  "data" : {
    "id" : "1010",
    "selfUri" :
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010",
    "startTime" : 1534432180687,
    "status" : "Pending",
    "parameters" : {
      "param1" : "value1",
      "windowIterations" : 30,
      "param2" : "value2",
      "windowSizeInSeconds" : 1000
    },
 "dataSource" : {
  "id": "875",
  "selfUri": "/querier/api/rest/dataschemas/123/datasources/875"
 },
"query" : {
 "id": "974",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974"
    "resultsUri" :
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results"
```

Result

Verbs: GET

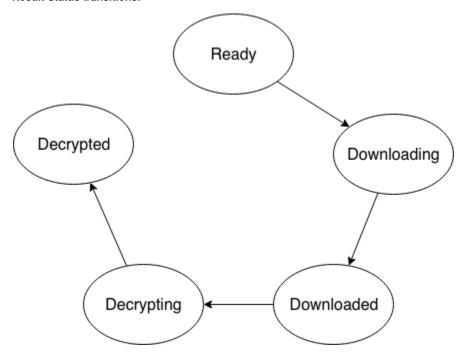
Parameters:

Name	Туре	Data Type	Description	Optional
dataSchemald	path	string	The Data Schema Id	
querySchemald	path	string	Id of the Query Schema	
queryld	path	string	Id of the Query to retrieve	
scheduleld	path	string	Id of the Schedule to retrieve	
resultId	path	string	Id of the Result to retrieve	GET

Data:

Member	Data type	Description	Omitted if
id	string	Unique id	
selfUri	uri	URI to this Result	
status	string	Status of this Result: Ready, Downloading, Downloaded, Decrypting, Decrypted	
schedule.id	string	ld of parent Schedule	
schedule.selfUri	uri	URI to parent Schedule	GET('resultId' = null)
retrievalsUri	uri	URI to list of child retrievals	GET('resultId' = null)

Result Status transitions:



Retrieve List of Results of Schedule 1010

```
GET
/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedules
/1010/results HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data" : [{
  "id": "2010",
  "status": "Ready",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010"
}, {
  "id": "2011",
  "status": "Downloading",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2011"
} ]
}
```

Retrieve Result 2010

```
GET
/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedules
/1010/results/2010 HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data" : {
  "id": "2010",
  "status": "Downloaded",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010",
  "schedule": {
   "id": "1010",
   "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010"
  },
  "retrievalsUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010/retrievals"
 }
```

Retrieval

Address: /querier/api/rest/dataschemas/{dataSchemald}/queryschemas/{querySchemald}/queries/{queryId}/schedules/{scheduleId}/results/{resultld}/retrievals/{retrievalld}

Verbs: GET, POST

Parameters:

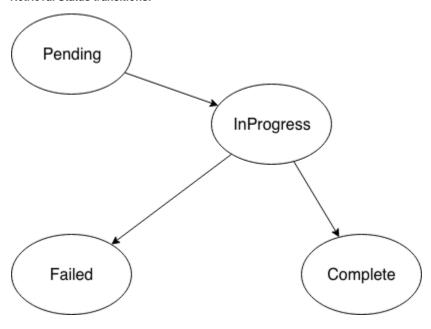
Name	Туре	Data Type	Description	Optional
dataSchemald	path	string	The Data Schema Id	
querySchemald	path	string	Id of the Query Schema	
queryld	path	string	Id of the Query	
scheduleld	path	string	Id of the Schedule	
resultId	path	string	Id of the Result	
retrievalld	path	string	Id of the Retrieval	GET,POST

Data:

Member	Data type	Description	Omitted if
id	string	Unique id	POST

selfUri	uri	URI to self	
status	string	Status of this Retrieval: Pending, InProgress, Complete, Failed	POST
result.id	string	ld of parent Result	GET('retrievalld' = null)
result.selfUri	uri	URI to parent Result	GET('retrievalld' = null)
decryptionsUri	uri	URI to list of child decryptions	GET('retrievalld' = null)

Retrieval Status transitions:



Retrieve List of Retrievals of Result 2010

```
GET
/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedules
/1010/results/2010/retrievals HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data" : [{
  "id": "3010",
  "status": "Complete",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010/retrievals/3010"
}, {
  "id": "3011",
  "status": "InProgress",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2011/retrievals/3011"
} ]
}
```

Retrieve Retrieval 3010

```
GET
/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedules
/1010/results/2010/retrievals/3010 HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data" : {
  "id": "3010",
  "status": "Complete",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010/retrievals/3010",
  "result" : {
        "id" : "12",
        "selfUri" :
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010"
    },
  "decryptionsUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010/retrievals"
 }
```

Decryption

Address: /querier/api/rest/dataschemas/{dataSchemald}/queryschemas/{querySchemald}/queries/{queryId}/schedules/{scheduleId}/results/{resultld}/retrievals/{retrievalld}/decryptions/{decryptionId}

Verbs: GET, POST

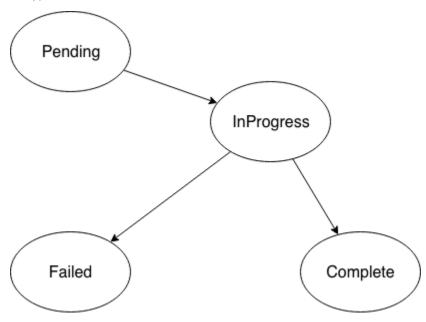
Parameters:

Name	Туре	Data Type	Description	Optional
dataSchemald	path	string	The Data Schema Id	
querySchemald	path	string	Id of the Query Schema	
queryld	path	string	Id of the Query	
scheduleld	path	string	Id of the Schedule	
resultId	path	string	Id of the Result	
retrievalld	path	string	Id of the Retrieval	
decryptionId	path	string	Id of the Decryption	GET, POST

Data:

id	string	Unique id of this Decryption	POST
selfUri	uri	URI to self	
status	string	Status of this Decryption: pending, complete, failed	POST
retrieval.id	string	ld of parent Retrieval	GET('decryptionId' = null)
retrieval.selfUri	uri	Uri of the parent Retrieval	GET('decryptionId' = null)

Decryption Status Transitions



Retrieve List of Retrievals of Result 2010

```
GET
/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedules
/1010/results/2010/retrievals/3010/decryptions HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data" : [{
  "id": "4010",
  "status": "Complete",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010/retrievals/3010/decryptions/4010"
}, {
  "id": "4011",
  "status": "Failed",
  "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2011/retrievals/3011/decryptions/4011"
} ]
}
```

Retrieve Decryption 4010

```
GET
/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedules
/1010/results/2010/retrievals/3010/decryptions/4010 HTTP/1.1
Accept: application/vnd.encrypedquery.enclave+json; version=1
HTTP/1.1 200 OK
Content-Type: application/vnd.encrypedquery.enclave+json; version=1
{ "data" : {
  "id": "4010",
     "selfUri":
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010/retrievals/3010/decryptions/4010",
  "status": "Complete",
        "retrieval": {
   "id" : 3010,
   "selfUri" :
"/querier/api/rest/dataschemas/123/queryschemas/456/queries/974/schedule
s/1010/results/2010/retrievals/3010"
}
}
```