



Authentication

none

</> Source Code

shell

ElastiStream API

```
# Install the command line client
$ pip install coreapi-cli
```

addcamera

create

POST /addcamera/↔ Interact

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
username required	Root username
password required	Root password
ipaddr required	IPV4 address
port required	Port number

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action addcamera create -p username=... -p password=... -p ipaddr=... -p port=...
```

addclouddst

create

POST /addclouddst/↔ Interact

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
vendor required	Cloud vendor name.
connection_string required	Connection authentication string for this cloud destination.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action addclouddst create -p vendor=... -p connection_string=...
```

admin

adduser > create

POST /admin/adduser/

[↔ Interact](#)

Create a new user (Admin access only)

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
password required	
username required	Required. 150 characters or fewer. Letters, digits and @/./+/_ only.
first_name	
last_name	
email	
is_staff	Designates whether the user can log into this admin site.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action admin adduser &gt; create -p password=... -p username=... -p first_name=... -p last_name=...
```

deleteuser > delete

DELETE /admin/deleteuser/{slug}/

[↔ Interact](#)

Delete a user (Staff user access only)

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
slug required	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action admin deleteuser &gt; delete -p slug=...
```

getuser > read

GET /admin/getuser/{slug}/

[⇒ Interact](#)

Get user information (Staff User access only)

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
slug required	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action admin getuser &gt; read -p slug=...
```

listusers > list

GET /admin/listusers/

[⇒ Interact](#)

List all users (Staff user access only)

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action admin listusers &gt; list
```

updateuser > partial_update

PATCH /admin/updateuser/{slug}/

[⇒ Interact](#)

Update user information (Staff user access only)

Super User: Super user can update own information and information about all users. Super user or staff user cannot modify itself to become a non-staff user. No user can become super user.

Staff User: Staff user can update non staff users but not other staff users nor the super user Staff user cannot modify itself to become a non-staff user.

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
slug required	

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
password	
username	Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.
first_name	
last_name	
email	
is_staff	Designates whether the user can log into this admin site.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action admin updateuser &gt; partial_update -p slug=... -p password=... -p username=... -p first_na
```

camerainfo

list

GET /camerainfo/

↔ Interact

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action camerainfo list
```

read

GET /camerainfo/{id}/

↔ Interact

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	A unique integer value identifying this camera.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action camerainfo read -p id=...
```

camtocloudstreamstart

create

[↔ Interact](#)

POST /camtocloudstreamstart/{id}/

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
cloud_id required	
res_w required	
res_h required	
encoder required	
frame_rate required	
cloud_upload required	
cloud_storage_days required	
cloud_storage_hrs required	
cloud_storage_mins required	
cloud_storage_secs required	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action camtcloudstreamstart create -p id=... -p cloud_id=... -p res_w=... -p res_h=... -p encoder=
```

camtcloudstreamstop

create

POST /camtcloudstreamstop/{id}/

[↔ Interact](#)

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action camtcloudstreamstop create -p id=...
```

cloudinfo

list

GET /cloudinfo/

[↔ Interact](#)

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action cloudinfo list
```

read

GET /cloudinfo/{id}/

[↔ Interact](#)

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
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Parameter	Description
id required	A unique integer value identifying this cloud.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action cloudinfo read -p id=...
```

cloudrate

list

GET /cloudrate/

[↔ Interact](#)

Retrieve speeds seen to the remote destination.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action cloudrate list
```

dbgclipsdiscarded

list

GET /dbgclipsdiscarded/

[↔ Interact](#)

Info. about clips that ere discarded before trancode because they were too early or too late

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action dbgclipsdiscarded list
```

dbglatestcamclip

read

GET /dbglatestcamclip/{id}/

[↔ Interact](#)

Get information about the latest video from the camera

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action dbglatestcamclip read -p id=...
```

dbglatesttranscodedclip

read

GET /dbglatesttranscodedclip/{id}/

[↔ Interact](#)

Get information about the latest transcoded clip from the camera

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action dbglatesttranscodedclip read -p id=...
```

dbglatestuploadedclip

read

GET /dbglatestuploadedclip/{id}/

[↔ Interact](#)

Get information about the latest uploaded clip from the camera

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	


```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action dbglatestuploadedclip read -p id=...
```

dbgssystemsettings

list

GET /dbgssystemsettings/

[↔ Interact](#)

Retrieve system parameters

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action dbgssystemsettings list
```

dbgtranscoderperf

list

GET /dbgtranscoderperf/

[↔ Interact](#)

Get transcoder information

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action dbgtranscoderperf list
```

deletecamera

create

POST /deletecamera/{id}/

[↔ Interact](#)

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action deletecamera create -p id=...
```

deletelouddst

create

POST /deletelouddst/{id}/

[↔ Interact](#)

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	A unique integer value identifying this cloud modify.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action deletelouddst create -p id=...
```

deletevideo

create

POST /deletevideo/

[↔ Interact](#)

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
cloud_id required	ID of the cloud destination on which the video resides.
cam_id required	ID of the camera whose video needs to be deleted.
task_code required	1 = Delete all Videos, 2 = Delete videos in time range specified in the start_range, end_range parameters
start_range	Start GMT time range in YYYY-MM-DD HH:MI:SS format.
end_range	End GMT time range in YYYY-MM-DD HH:MI:SS format.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action deletevideo create -p cloud_id=... -p cam_id=... -p task_code=... -p start_range=... -p end_
```

discovercameras

create

POST /discovercameras/

[↔ Interact](#)

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action discovercameras create
```

getcameracapability

create

POST /getcameracapability/{id}/

[↔ Interact](#)

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id required	

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
username required	Root Username of the camera.
password required	Root Password of the camera.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action getcameracapability create -p id=... -p username=... -p password=...
```

location

list

GET /location/

↔ Interact

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action location list
```

update

PUT /location/

↔ Interact

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
street_address_1 required	Street address of the appliance
street_address_2	Street address of the appliance
city required	City in which the appliance is located
state	State in which the appliance is located
country required	Country in which the appliance is located
zip	ZIP code in which the appliance is located
latitude required	Appliance latitude ≥ -90 and ≤ 90
longitude required	Appliance longitude ≥ -180 and ≤ 180

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action location update -p street_address_1=... -p street_address_2=... -p city=... -p state=... -p
```

login

create

POST /login/

↔ Interact

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
username <input type="text" value="required"/>	Required. 150 characters or fewer. Letters, digits and @/./+/_ only.
password <input type="text" value="required"/>	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action login create -p username=... -p password=...
```

rateadaptation

list

/rateadaptation/

[↔ Interact](#)

Retrieve the latest bandwidth availability and usage information.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action rateadaptation list
```

taskstatus

read

/taskstatus/{id}/

[↔ Interact](#)

Path Parameters

The following parameters should be included in the URL path.

Parameter	Description
id <input type="text" value="required"/>	A unique integer value identifying this task.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action taskstatus read -p id=...
```

updatemyinfo

partial_update

PATCH /updatemyinfo/

[↔ Interact](#)

Update requester information. Allowed update field keys: email, password

Request Body

The request body should be a "application/json" encoded object, containing the following items.

Parameter	Description
email	
password	

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action updatemyinfo partial_update -p email=... -p password=...
```

viewmyinfo

list

GET /viewmyinfo/

[↔ Interact](#)

Get requester information.

```
# Load the schema document
$ coreapi get http://localhost/api/

# Interact with the API endpoint
$ coreapi action viewmyinfo list
```