

Museum API

Endpoints CRUD Descriptions

Operations where description starts with [restr] are operations restricted to museum personnel

URI	CRUD	Description	Responses
operas/	GET	[restr] All the operas in the museum	- 200 (OK) Success - 403 (Restricted) Unauthorized user -500 (internal Server Error) if the server raise an exception.
	PUT	Not Supported	- 405 (Method Not Allowed)
	POST	[restr] Add a new opera	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	DELETE	Not supported	- 405 (Method Not Allowed)
operas/:room_id:	GET	All the operas in a given room (core feature)	- 200 (OK) Success - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	PUT	Not supported	- 405 (Method Not Allowed)

	POST	Not Supported	- 405 (Method Not Allowed)
	DELETE	Not supported	- 405 (Method Not Allowed)
operas/:opera_name:	GET	A single opera	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	PUT	[restr] Update opera fields	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	POST	[restr] Insert new opera	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	DELETE	[restr] Delete an opera	- 200 (OK) Success - 403 (Restricted) Unauthorized user

			- 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
rooms/	GET	All the rooms of the museum	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	PUT	Not supported	- 405 (Method Not Allowed)
	POST	[restr] insert a new room	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	DELETE	Not supported	- 405 (Method Not Allowed)
rooms/:room_id:	GET	Get a room description	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists

			-500 (internal Server Error) if the server raise an exception.
	PUT	[restr] update room_id fields	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	POST	Not supported	- 405 (Method Not Allowed)
	DELETE	[restr] delete a room	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
paths/	GET	Get all available custom paths	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	PUT	Not supported	- 405 (Method Not Allowed)

	POST	[restr] add a new path	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	DELETE	Not supported	- 405 (Method Not Allowed)
paths/:id:	GET	Get a specific path	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	PUT	[restr] modify an existing path	- 200 (OK) Success - 403 (Restricted) Unauthorized user - 404 (Not Found) bad request, the resource does not exists -500 (internal Server Error) if the server raise an exception.
	POST	Not supported	- 405 (Method Not Allowed)
	DELETE	[restr] delete a path	- 200 (OK) Success - 403 (Restricted) Unauthorized user

			<p>- 404 (Not Found) bad request, the resource does not exists</p> <p>-500 (internal Server Error) if the server raise an exception.</p>
traffic/:day_start_time:/:day_end_time:	GET	[restr] get all the traffic of the day (from opening to closing hour) in the museum	<p>- 200 (OK) Success</p> <p>- 403 (Restricted) Unauthorized user</p> <p>- 404 (Not Found) bad request, the resource does not exists</p> <p>-500 (internal Server Error) if the server raise an exception.</p>
	PUT	Not supported	- 405 (Method Not Allowed)
	POST	Not supported	- 405 (Method Not Allowed)
	DELETE	Not supported	- 405 (Method Not Allowed)
traffic/:room:/:day_start_time:/:day_end_time:	GET	[restr] get all the traffic in the specified range in the museum	<p>- 200 (OK) Success</p> <p>- 403 (Restricted) Unauthorized user</p> <p>- 404 (Not Found) bad request, the resource does not exists</p> <p>-500 (internal Server Error) if the server raise an exception.</p>
	PUT	Not supported	- 405 (Method Not Allowed)
	POST	Not supported	- 405 (Method Not Allowed)

	DELETE	Not supported	- 405 (Method Not Allowed)
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