



SwaggerHubOperator.yaml6.63 KB

Hub Operator

1.0.0OAS3

/vu-distributed-systems-engineering/students/2020w/DSE_Team_104/-/raw/master/OpenAPI%20Specification/SwaggerHubOperator.yaml

An API for accessing the hub operator information like the hub occupation, the location of the containers and the history of all locations of a containers

hub-operator

▼

GET

/hub/occupation/

Returns a list of all hubs and their occupation

Returns a list of all hubs (their ID) and their occupation in percent

Parameters

No parameters

Responses

Code	Description	Links
200	<div>All hubs and their occupation</div> <div>Media type<div>application/json▼</div></div> <div>ControlsAcceptheader.</div> <div>Example Value Schema<div>[{ "hub": "c7c7482d-da86-44ec-ad35-713236251319", "occupation": 0.2 }]</div></div>	No links
404	A hub-operator node was not found	No links
500	Internal server error	No links

GET

/hub/occupation/{uuid}

Returns a hub and their occupation

Returns a hub (their ID) and their occupation in percent

Parameters

Name	Description
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Name	Description
uuid * required	The user UUID of the requested hub
string	
(path)	<div>uuid - The user UUID of the requested hub</div>

Responses

Code	Description	Links
200	All hubs and their occupation <div><div>Media type</div><div>application/json</div><div>Controls Accept header.</div><div>Example Value Schema</div><div>[{ "hub": "c7c7482d-da86-44ec-ad35-713236251319", "occupation": 0.2 }]</div></div>	No links
404	A hub-operator node was not found	No links
500	Internal server error	No links

GET	/container/location	Returns a list of all containers and their current location
Returns a list of all containers (their ID) and their current location including during transport		
Parameters		
No parameters		
Responses		
Code	Description	Links
200	All containers and their current location <div><div>Media type</div><div>application/json</div><div>Controls Accept header.</div><div>Example Value Schema</div><div>[{ "container": "8a36d158-e545-404b-986f-1f752d173f08", "currentLocation": "c7c7482d-da86-44ec-ad35-713236251319", "distanceToGo": 2 }]</div></div>	No links
404	A hub-operator node was not found	No links

Code	Description	Links
500	Internal server error	No links

GET

/container/location/{uuid}

Returns the specified container and their current location

Returns the container (their ID) and their current location including during transport

Parameters

Name	Description
uuid * required	The user UUID of the requested container
string	
(path)	<div>uuid - The user UUID of the requested container</div>

Responses

Code	Description	Links
200	All containers and their current location	No links
	<div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <div><pre>[{ "container": "8a36d158-e545-404b-986f-1f752d173f08", "currentLocation": "c7c7482d-da86-44ec-ad35-713236251319", "distanceToGo": 2 }]</pre></div>	
404	A hub-operator node was not found	No links
500	Internal server error	No links

GET

/container/history

Returns a list of all containers and their location history

Returns a list of all containers (their ID) and their location history

Parameters

No parameters

Responses

Code	Description	Links
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Code	Description	Links
200	All containers and their location history <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>[{ "container": "8a36d158-e545-404b-986f-1f752d173f08", "locationHistory": ["c7c7482d-da86-44ec-ad35-713236251319"] }]</div>	No links
404	A hub-operator node was not found	No links
500	Internal server error	No links

GET

/container/history/{uuid}

Returns a container and their location history

Returns a containers (their ID) and their location history

Parameters

Name	Description	
uuid * required	The user UUID of the requested container	
string		
(path)		
uuid - The user UUID of the requested container		

Responses

Code	Description	Links
200	<div>All containers and their location history</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <div>[{ "container": "8a36d158-e545-404b-986f-1f752d173f08", "locationHistory": ["c7c7482d-da86-44ec-ad35-713236251319"] }]</div>	No links
404	A hub-operator node was not found	No links
500	Internal server error	No links

