Container Service Plugin

#### **Container Service API**

The Container Service API swagger documentation can also be accessed inside your XNAT at https://{XNAT\_HOME\_URL}/xapi/swagger-ui.html.From that UI, you can execute all the API calls.

### **Container Service API**

3.7.0 OAS 2.0

[ Base URL: localhost:8080/xapi ]

../\_\_attachments/openapi/5463c831-5865-4d33-90f4-ddb95fe2bb40.json

Container Service API

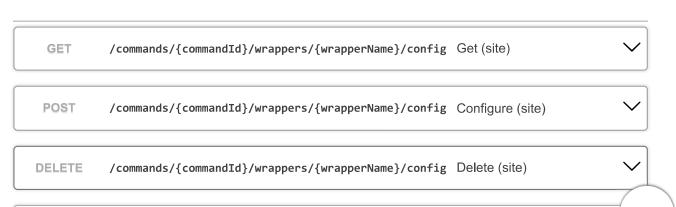
Terms of service

XNAT - Website

Send email to XNAT

Simplified 2-Clause BSD

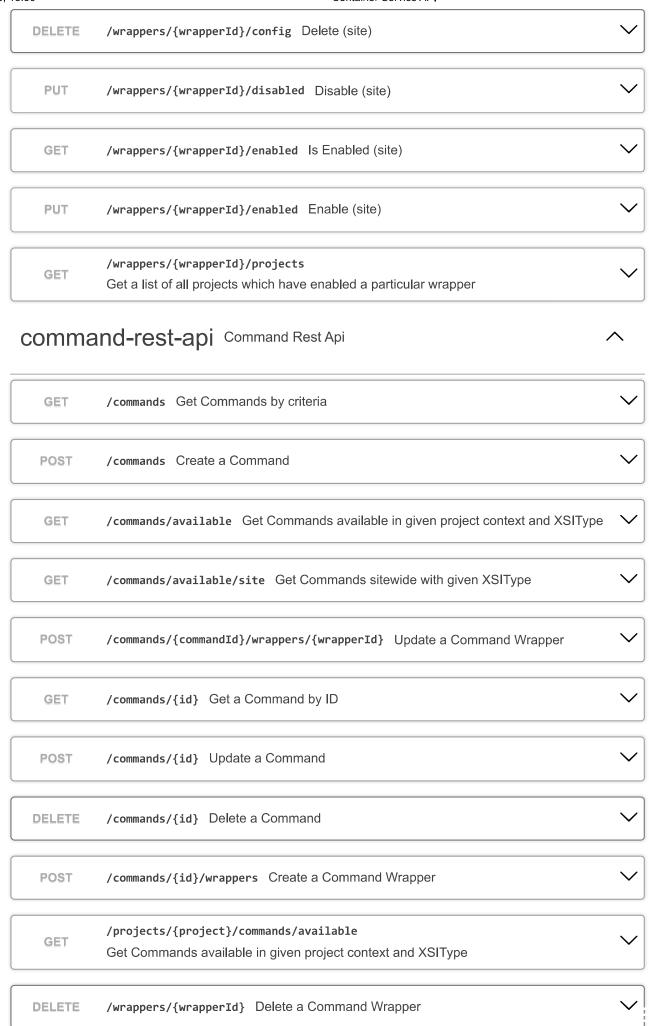
### command-configuration-rest-api Command Configuration Rest Api



/commands/{commandId}/wrappers/{wrapperName}/disabled Disable (site)

**PUT** 

5, 1	8:50	Container Service API	
	GET	/commands/{commandId}/wrappers/{wrapperName}/enabled Is Enabled (site)	<u> </u>
	PUT	/commands/{commandId}/wrappers/{wrapperName}/enabled Enable (site)	<u> </u>
	GET	<pre>/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/config Get (project)</pre>	<u> </u>
	POST	<pre>/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/config Configure (project)</pre>	<u> </u>
	DELETE	<pre>/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/config Delete (project)</pre>	<u> </u>
	PUT	<pre>/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/disabled Disable (project)</pre>	<u> </u>
	GET	<pre>/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/enabled Is Enabled (project)</pre>	<u> </u>
	PUT	<pre>/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/enabled Enable (project)</pre>	<u> </u>
	GET	<pre>/projects/{project}/wrappers/{wrapperId}/config Get(project)</pre>	<u> </u>
	POST	<pre>/projects/{project}/wrappers/{wrapperId}/config Configure (project)</pre>	<u> </u>
	DELETE	/projects/{project}/wrappers/{wrapperId}/config Delete (project)	<u> </u>
	PUT	<pre>/projects/{project}/wrappers/{wrapperId}/disabled Disable (project)</pre>	<u> </u>
	GET	<pre>/projects/{project}/wrappers/{wrapperId}/enabled Is Enabled (project)</pre>	<u> </u>
	PUT	<pre>/projects/{project}/wrappers/{wrapperId}/enabled Enable (project)</pre>	<u> </u>
	GET	/wrappers/{wrapperId}/config Get(site)	<u> </u>
	POST	/wrappers/{wrapperId}/config Configure (site)	<u> </u>



# command-visibility-rest-api Command Visibility Rest Api **POST** /command/{id}/visibility/{visibility} Modify Command visibility Compute Environment Configs compute-environment-configs-api /compute/environments **GET** Get all compute environment configs or all compute environment configs for a given type. **POST** /compute/environments Create a compute environment config. /compute/environments/available **GET** Get all available compute environment configs for the provided execution scope. **GET** /compute/environments/{id} Get a compute environment config. **PUT** /compute/environments/{id} Update a compute environment config. DELETE /compute/environments/{id} Delete a compute environment config. constraint-configs-api Constraint Configs Api /compute/constraints Get all constraint configs. **GET POST** /compute/constraints Create a constraint config. **GET** /compute/constraints/{id} Get a constraint config. PUT /compute/constraints/{id} Update a constraint config.

/compute/constraints/{id} Delete a constraint config.

**DELETE** 

# container-rest-api Container Rest Api /container/name/{name} Get Containers by database name **GET** /containers Get all Containers **GET** /containers Get paginated containers per request **POST** /containers/version Check XNAT Version compatibility. **GET** /containers/{containerId}/logSince/{file} Get Container logs **GET** /containers/{containerId}/logs Get Container logs **GET GET** /containers/{containerId}/logs/{file} Get Container logs **GET** /containers/{id} Get Containers by database ID **DELETE** /containers/{id} Get Container by container server ID /containers/{id}/finalize Finalize Container **POST** /containers/{id}/kill Kill Container **GET** /projects/{project}/containers Get all Containers by project /projects/{project}/containers/name/{name} Get Containers by name **GET POST** /projects/{project}/containers/{id}/kill Kill Container docker-rest-api Docker Rest Api

**GET** 

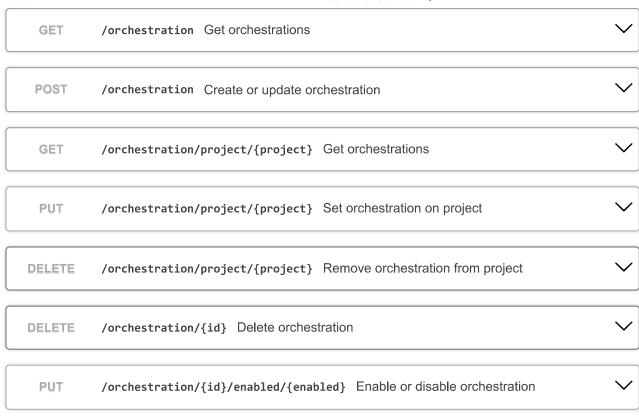
/docker/hubs Get Docker Hubs

// // // // // // // // // // // // //	5, 18:50		Container Service API	
POST /docker/hubs/{id} Update Docker Hub by ID  DELETE /docker/hubs/{id} Delete Docker Hub by ID  GET /docker/hubs/{id}/ping Ping Docker Hub by ID  POST /docker/hubs/{id}/pull Pull image from Docker Hub by ID  GET /docker/hubs/{name} Get Docker Hub by Name  DELETE /docker/hubs/{name} Delete Docker Hub by Name  GET /docker/hubs/{name}/ping Ping Docker Hub by Name  POST /docker/hubs/{name}/pull Pull image from Docker Hub by Name  GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image		POST	/docker/hubs Create new Docker Hub	~
DELETE /docker/hubs/{id} Delete Docker Hub by ID  GET /docker/hubs/{id}/ping Ping Docker Hub by ID  POST /docker/hubs/{id}/pull Pull image from Docker Hub by ID  GET /docker/hubs/{name} Get Docker Hub by Name  DELETE /docker/hubs/{name} Delete Docker Hub by Name  GET /docker/hubs/{name}/ping Ping Docker Hub by Name  POST /docker/hubs/{name}/pull Pull image from Docker Hub by Name  GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image		GET	/docker/hubs/{id} Get Docker Hub by ID	<u> </u>
GET /docker/hubs/{id}/ping Ping Docker Hub by ID  POST /docker/hubs/{id}/pull Pull image from Docker Hub by ID  GET /docker/hubs/{name} Get Docker Hub by Name  DELETE /docker/hubs/{name} Delete Docker Hub by Name  GET /docker/hubs/{name}/ping Ping Docker Hub by Name  POST /docker/hubs/{name}/pull Pull image from Docker Hub by Name  GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image		POST	/docker/hubs/{id} Update Docker Hub by ID	<u> </u>
POST /docker/hubs/{id}/pull Pull image from Docker Hub by ID  GET /docker/hubs/{name} Get Docker Hub by Name  DELETE /docker/hubs/{name} Delete Docker Hub by Name  GET /docker/hubs/{name}/ping Ping Docker Hub by Name  POST /docker/hubs/{name}/pull Pull image from Docker Hub by Name  GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image	D	ELETE	/docker/hubs/{id} Delete Docker Hub by ID	~
GET /docker/hubs/{name} Get Docker Hub by Name  DELETE /docker/hubs/{name} Delete Docker Hub by Name  GET /docker/hubs/{name}/ping Ping Docker Hub by Name  POST /docker/hubs/{name}/pull Pull image from Docker Hub by Name  GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image		GET	/docker/hubs/{id}/ping Ping Docker Hub by ID	<u> </u>
DELETE /docker/hubs/{name} Delete Docker Hub by Name  GET /docker/hubs/{name}/ping Ping Docker Hub by Name  POST /docker/hubs/{name}/pull Pull image from Docker Hub by Name  GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image		POST	/docker/hubs/{id}/pull Pull image from Docker Hub by ID	<u> </u>
GET /docker/hubs/{name}/ping Ping Docker Hub by Name  POST /docker/hubs/{name}/pull Pull image from Docker Hub by Name  GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image		GET	/docker/hubs/{name} Get Docker Hub by Name	<u> </u>
POST /docker/hubs/{name}/pull Pull image from Docker Hub by Name  GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image	D	ELETE	/docker/hubs/{name} Delete Docker Hub by Name	~
GET /docker/image-summaries Get summary list of images and commands.  GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image		GET	/docker/hubs/{name}/ping Ping Docker Hub by Name	<u> </u>
GET /docker/images Get list of images.  POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image		POST	/docker/hubs/{name}/pull Pull image from Docker Hub by Name	~
POST /docker/images/save Save Commands from labels  GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image		GET	/docker/image-summaries Get summary list of images and commands.	~
GET /docker/images/{id} Get Docker image  DELETE /docker/images/{id} Delete Docker image		GET	/docker/images Get list of images.	<u> </u>
DELETE /docker/images/{id} Delete Docker image		POST	/docker/images/save Save Commands from labels	~
		GET	/docker/images/{id} Get Docker image	<u> </u>
POST /docker/pull Pull image from default Docker Hub	D	ELETE	/docker/images/{id} Delete Docker image	<u> </u>
		POST	/docker/pull Pull image from default Docker Hub	<u> </u>
GET /docker/server Docker server		GET	/docker/server Docker server	<u> </u>

POST /docker/server Set Docker server configuration /docker/server/ping Ping docker server. launch-rest-api Launch Rest Api /commands/{commandId}/wrappers/{wrapperName}/bulklaunch **GET** Get Bulk Launch UI for wrapper /commands/{commandId}/wrappers/{wrapperName}/bulklaunch **POST** Resolve a command from the variable values in the request body, and launch it **GET** /commands/{commandId}/wrappers/{wrapperName}/launch Get Launch UI for wrapper /commands/{commandId}/wrappers/{wrapperName}/launch **POST** Resolve a command from the variable values in the query params, and launch it /commands/{commandId}/wrappers/{wrapperName}/root/{rootElement}/bulklaunch POST Resolve a command from the variable values in the request body, and launch it /commands/{commandId}/wrappers/{wrapperName}/root/{rootElement}/launch **POST** Resolve a command from the variable values in the request body, and launch it /projects/{project}/commands/{commandId}/wrappers/{wrapperName}/bulklaunch **GET** Get Bulk Launch UI for wrapper /projects/{project}/commands/{commandId}/wrappers/{wrapperName}/bulklaunch POST Resolve a command from the variable values in the request body, and launch it /projects/{project}/commands/{commandId}/wrappers/{wrapperName}/launch **GET** Get Launch UI for wrapper /projects/{project}/commands/{commandId}/wrappers/{wrapperName}/launch **POST** Resolve a command from the variable values in the query params, and launch it /projects/{project}/commands/{commandId}/wrappers/{wrapperName}/root POST /{rootElement}/bulklaunch Resolve a command from the variable values in the request body, and launch it /projects/{project}/commands/{commandId}/wrappers/{wrapperName}/root **POST** /{rootElement}/launch Resolve a command from the variable values in the query params, and launch it

0	Container Service API		
POST	/projects/{project}/wrapper/{wrapperId}/launch Resolve a command from the variable values in the query params, and launch it		
POST	/projects/{project}/wrapper/{wrapperId}/root/{rootElement}/launch Resolve a command from the variable values in the query params, and launch it		
GET	/projects/{project}/wrappers/{wrapperId}/bulklaunch Get Bulk Launch UI for wrapper		
POST	/projects/{project}/wrappers/{wrapperId}/bulklaunch Resolve a command from the variable values in the request body, and launch it		
GET	/projects/{project}/wrappers/{wrapperId}/launch Get Launch UI for wrapper		
POST	/projects/{project}/wrappers/{wrapperId}/launch Resolve a command from the variable values in the request body, and launch it		
POST	/projects/{project}/wrappers/{wrapperId}/root/{rootElement}/bulklaunch Resolve a command from the variable values in the request body, and launch it		
POST	/projects/{project}/wrappers/{wrapperId}/root/{rootElement}/launch Resolve a command from the variable values in the request body, and launch it		
GET	/wrappers/{wrapperId}/bulklaunch Get Bulk Launch UI for wrapper		
POST	/wrappers/{wrapperId}/bulklaunch Resolve a command from the variable values in the request body, and launch it		
GET	/wrappers/{wrapperId}/launch Get Launch UI for wrapper		
POST	/wrappers/{wrapperId}/launch Resolve a command from the variable values in the query params, and launch it		
POST	/wrappers/{wrapperId}/root/{rootElement}/bulklaunch Resolve a command from the variable values in the request body, and launch it		
POST	/wrappers/{wrapperId}/root/{rootElement}/launch  Resolve a command from the variable values in the query params, and launch it		

orchestration-rest-api Orchestration Rest Api



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