

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

GET	/commands/{commandId}/wrappers/{wrapperName}/config	Get (site)	
POST	/commands/{commandId}/wrappers/{wrapperName}/config	Configure (site)	
DELETE	/commands/{commandId}/wrappers/{wrapperName}/config	Delete (site)	
PUT	/commands/{commandId}/wrappers/{wrapperName}/disabled	Disable (site)	

GET	/commands/{commandId}/wrappers/{wrapperName}/enabled	Is Enabled (site)	▼
PUT	/commands/{commandId}/wrappers/{wrapperName}/enabled	Enable (site)	▼
GET	/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/config	Get (project)	▼
POST	/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/config	Configure (project)	▼
DELETE	/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/config	Delete (project)	▼
PUT	/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/disabled	Disable (project)	▼
GET	/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/enabled	Is Enabled (project)	▼
PUT	/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/enabled	Enable (project)	▼
GET	/projects/{project}/wrappers/{wrapperId}/config	Get (project)	▼
POST	/projects/{project}/wrappers/{wrapperId}/config	Configure (project)	▼
DELETE	/projects/{project}/wrappers/{wrapperId}/config	Delete (project)	▼
PUT	/projects/{project}/wrappers/{wrapperId}/disabled	Disable (project)	▼
GET	/projects/{project}/wrappers/{wrapperId}/enabled	Is Enabled (project)	▼
PUT	/projects/{project}/wrappers/{wrapperId}/enabled	Enable (project)	▼
GET	/wrappers/{wrapperId}/config	Get (site)	▼
POST	/wrappers/{wrapperId}/config	Configure (site)	▼

DELETE /wrappers/{wrapperId}/config Delete (site)



PUT /wrappers/{wrapperId}/disabled Disable (site)



GET /wrappers/{wrapperId}/enabled Is Enabled (site)



PUT /wrappers/{wrapperId}/enabled Enable (site)

GET /wrappers/{wrapperId}/projects
Get a list of all projects which have enabled a particular wrapper

command-rest-api

Command Rest Api



GET /commands Get Commands by criteria



POST /commands Create a Command



GET /commands/available Get Commands available in given project context and XSIType



GET /commands/available/site Get Commands sitewide with given XSIType



POST /commands/{commandId}/wrappers/{wrapperId} Update a Command Wrapper



GET /commands/{id} Get a Command by ID



POST /commands/{id} Update a Command



DELETE /commands/{id} Delete a Command



POST /commands/{id}/wrappers Create a Command Wrapper

GET /projects/{project}/commands/available
Get Commands available in given project context and XSIType

DELETE /wrappers/{wrapperId} Delete a Command Wrapper



command-visibility-rest-api

Command Visibility Rest Api



POST `/command/{id}/visibility/{visibility}` Modify Command visibility



compute-environment-configs-api

Compute Environment Configs
Api**GET**`/compute/environments`

Get all compute environment configs or all compute environment configs for a given type.

**POST**`/compute/environments` Create a compute environment config.**GET**`/compute/environments/available`

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

**GET**`/compute/constraints` Get all constraint configs.**POST**`/compute/constraints` Create a constraint config.**GET**`/compute/constraints/{id}` Get a constraint config.**PUT**`/compute/constraints/{id}` Update a constraint config.**DELETE**`/compute/constraints/{id}` Delete a constraint config.

container-rest-api Container Rest Api



GET	/container/name/{name}	Get Containers by database name	▼
GET	/containers	Get all Containers	▼
POST	/containers	Get paginated containers per request	▼
GET	/containers/version	Check XNAT Version compatibility.	▼
GET	/containers/{containerId}/logSince/{file}	Get Container logs	▼
GET	/containers/{containerId}/logs	Get Container logs	▼
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	▼
POST	/containers/{id}/finalize	Finalize Container	▼
POST	/containers/{id}/kill	Kill Container	▼
GET	/projects/{project}/containers	Get all Containers by project	▼
GET	/projects/{project}/containers/name/{name}	Get Containers by name	▼
POST	/projects/{project}/containers/{id}/kill	Kill Container	▼

docker-rest-api Docker Rest Api



GET	/docker/hubs	Get Docker Hubs	▼
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POST	/docker/hubs	Create new Docker Hub	▼
GET	/docker/hubs/{id}	Get Docker Hub by ID	▼
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/save	Save Commands from labels	▼
GET	/docker/images/{id}	Get Docker image	▼
DELETE	/docker/images/{id}	Delete Docker image	▼
POST	/docker/pull	Pull image from default Docker Hub	▼
GET	/docker/server	Docker server	▼

POST **/docker/server** Set Docker server configuration



GET **/docker/server/ping** Ping docker server.



launch-rest-api Launch Rest Api



GET **/commands/{commandId}/wrappers/{wrapperName}/bulklaunch**
Get Bulk Launch UI for wrapper



POST **/commands/{commandId}/wrappers/{wrapperName}/bulklaunch**
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



POST **/commands/{commandId}/wrappers/{wrapperName}/launch**
Resolve a command from the variable values in the query params, and launch it



POST **/commands/{commandId}/wrappers/{wrapperName}/root/{rootElement}/bulklaunch**
Resolve a command from the variable values in the request body, and launch it



POST **/commands/{commandId}/wrappers/{wrapperName}/root/{rootElement}/launch**
Resolve a command from the variable values in the request body, and launch it



GET **/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/bulklaunch**
Get Bulk Launch UI for wrapper



POST **/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/bulklaunch**
Resolve a command from the variable values in the request body, and launch it



GET **/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/launch**
Get Launch UI for wrapper



POST **/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/launch**
Resolve a command from the variable values in the query params, and launch it



POST **/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/root/{rootElement}/bulklaunch**
Resolve a command from the variable values in the request body, and launch it



POST **/projects/{project}/commands/{commandId}/wrappers/{wrapperName}/root/{rootElement}/launch**
Resolve a command from the variable values in the query params, and launch it



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

GET	/orchestration	Get orchestrations	✓
POST	/orchestration	Create or update orchestration	✓
GET	/orchestration/project/{project}	Get orchestrations	✓
PUT	/orchestration/project/{project}	Set orchestration on project	✓
DELETE	/orchestration/project/{project}	Remove orchestration from project	✓
DELETE	/orchestration/{id}	Delete orchestration	✓
PUT	/orchestration/{id}/enabled/{enabled}	Enable or disable orchestration	✓

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