

Finding container

- 1. Query a container by id
- 2. Query all existing containers
- 3. Query all containers as tree

containertype_id	description
1	Root container (global objects)
2	Tenant
3	Location
5	Node
6	Contact group
7	Host group
8	Service group
9	Service template group

1. Query a container by id

URL: [https://123.123.123.123/containers/\\$ID.json](https://123.123.123.123/containers/$ID.json)

Method: GET

Response: JSON

```
Response on successful API call

{
  "container": {
    "Container": {
      "id": "3",
      "containertype_id": "7",
      "name": "Demo hostgroup",
      "parent_id": "1",
      "lft": "4",
      "right": "5"
    },
    "Tenant": [
    ],
    "Contact": [
      {
        "id": "3",
        "uuid": "cde8502b-8f80-4d6a-9914-2ca88100b8e9",
        "name": "Demo contact",
        "description": "This is a API demo contact",
        "email": "demo@example.com",
        "phone": "",
        "host_timeperiod_id": "4",
        "service_timeperiod_id": "4",
        "host_notifications_enabled": "1",

```

```

        "service_notifications_enabled": "1",
        "notify_service_recovery": "1",
        "notify_service_warning": "1",
        "notify_service_unknown": "1",
        "notify_service_critical": "1",
        "notify_service_flapping": "1",
        "notify_service_downtime": "0",
        "notify_host_recovery": "1",
        "notify_host_down": "1",
        "notify_host_unreachable": "1",
        "notify_host_flapping": "1",
        "notify_host_downtime": "0"
    }
],
"Contactgroup": [
    {
        "id": "3",
        "uuid": "a0e08f28-709a-4d3d-b179-33bee44f5398",
        "container_id": "9",
        "description": "API demo contactgroup"
    }
],
"Location": [

],
"Devicegroup": [

],
"Hosttemplate": [

],
"Hostgroup": [
    {
        "id": "1",
        "uuid": "aff8f698-3e16-48a1-8442-418ac164129c",
        "container_id": "3",
        "description": "",
        "hostgroup_url": ""
    }
],
"Servicegroup": [

],
"Calendar": [

],
"ContainerUserMembership": [

]
}

```

2. Query all existing containers

URL: <https://123.123.123.123/containers.json>

Method: GET

Response: JSON

Response on successful API call

```
{
  "all_container": [
    {
      "Container": {
        "id": "1",
        "containertype_id": "1",
        "name": "root",
        "parent_id": null,
        "lft": "1",
        "rght": "38"
      }
    },
    {
      "Container": {
        "id": "2",
        "containertype_id": "9",
        "name": "Demo service template group",
        "parent_id": "1",
        "lft": "2",
        "rght": "3"
      }
    },
    {
      "Container": {
        "id": "3",
        "containertype_id": "7",
        "name": "Demo hostgroup",
        "parent_id": "1",
        "lft": "4",
        "rght": "5"
      }
    },
    {
      "Container": {
        "id": "4",
        "containertype_id": "2",
        "name": "it-novum",
        "parent_id": "1",
        "lft": "6",
        "rght": "21"
      }
    },
    {
      "Container": {
        "id": "5",
        "containertype_id": "2",
        "name": "Test tenant",
        "parent_id": "1",
        "lft": "22",
        "rght": "25"
      }
    },
    {
      "Container": {
        "id": "6",
        "containertype_id": "2",
        "name": "Demo Tenant",

```

```
        "parent_id": "1",
        "lft": "26",
        "rght": "31"
    }
},
{
    "Container": {
        "id": "7",
        "containertype_id": "6",
        "name": "info",
        "parent_id": "1",
        "lft": "32",
        "rght": "33"
    }
},
{
    "Container": {
        "id": "8",
        "containertype_id": "6",
        "name": "Demo contactgroup",
        "parent_id": "4",
        "lft": "7",
        "rght": "8"
    }
},
{
    "Container": {
        "id": "9",
        "containertype_id": "6",
        "name": "Demo contactgroup 2",
        "parent_id": "4",
        "lft": "9",
        "rght": "10"
    }
},
{
    "Container": {
        "id": "15",
        "containertype_id": "7",
        "name": "Hostgroup_2",
        "parent_id": "4",
        "lft": "11",
        "rght": "12"
    }
},
{
    "Container": {
        "id": "17",
        "containertype_id": "7",
        "name": "Demo Hostgroup 2",
        "parent_id": "5",
        "lft": "23",
        "rght": "24"
    }
},
{
    "Container": {
        "id": "19",
        "containertype_id": "7",
        "name": "all_hosts",
        "parent_id": "6",
        "lft": "27",
        "rght": "28"
    }
}
```

```
    },
    {
      "Container": {
        "id": "20",
        "containertype_id": "7",
        "name": "all_it-novum",
        "parent_id": "4",
        "lft": "13",
        "rght": "14"
      }
    },
    {
      "Container": {
        "id": "21",
        "containertype_id": "7",
        "name": "KVM Users",
        "parent_id": "4",
        "lft": "15",
        "rght": "16"
      }
    },
    {
      "Container": {
        "id": "23",
        "containertype_id": "7",
        "name": "KVM Admins",
        "parent_id": "6",
        "lft": "29",
        "rght": "30"
      }
    },
    {
      "Container": {
        "id": "24",
        "containertype_id": "7",
        "name": "openStack Admins",
        "parent_id": "4",
        "lft": "17",
        "rght": "18"
      }
    },
    {
      "Container": {
        "id": "25",
        "containertype_id": "8",
        "name": "Demo servicegroups",
        "parent_id": "1",
        "lft": "34",
        "rght": "35"
      }
    },
    {
      "Container": {
        "id": "26",
        "containertype_id": "3",
        "name": "Fulda",
        "parent_id": "1",
        "lft": "36",
        "rght": "37"
      }
    },
  },
  {
```

```
    "Container": {
      "id": "27",
      "containertype_id": "3",
      "name": "Frankfurt",
      "parent_id": "4",
      "lft": "19",
      "rght": "20"
    }
  ]
}
```

3. Query all containers as tree

URL: <https://123.123.123.123/containers/nest.json>

Method: GET

Response: JSON

Response on successful API call

```
{
  "all_container": [
    {
      "Container": {
        "id": "1",
        "containertype_id": "1",
        "name": "root",
        "parent_id": null,
        "lft": "1",
        "rght": "38"
      },
      "children": [
        {
          "Container": {
            "id": "2",
            "containertype_id": "9",
            "name": "Demo service template group",
            "parent_id": "1",
            "lft": "2",
            "rght": "3"
          },
          "children": [
            {
              "Container": {
                "id": "3",
                "containertype_id": "7",
                "name": "Demo hostgroup",
                "parent_id": "1",
                "lft": "4",
                "rght": "5"
              },
              "children": [
```

```
]
},
{
  "Container": {
    "id": "4",
    "containertype_id": "2",
    "name": "it-novum",
    "parent_id": "1",
    "lft": "6",
    "rght": "21"
  },
  "children": [
    {
      "Container": {
        "id": "8",
        "containertype_id": "6",
        "name": "Demo contactgroup",
        "parent_id": "4",
        "lft": "7",
        "rght": "8"
      },
      "children": [
        ]
      },
    {
      "Container": {
        "id": "9",
        "containertype_id": "6",
        "name": "Demo contactgroup 2",
        "parent_id": "4",
        "lft": "9",
        "rght": "10"
      },
      "children": [
        ]
      },
    {
      "Container": {
        "id": "15",
        "containertype_id": "7",
        "name": "Hostgroup_2",
        "parent_id": "4",
        "lft": "11",
        "rght": "12"
      },
      "children": [
        ]
      },
    {
      "Container": {
        "id": "20",
        "containertype_id": "7",
        "name": "all_it-novum",
        "parent_id": "4",
        "lft": "13",
        "rght": "14"
      },
      "children": [

```

```

    ]
  },
  {
    "Container": {
      "id": "21",
      "containertype_id": "7",
      "name": "KVM Users",
      "parent_id": "4",
      "lft": "15",
      "rght": "16"
    },
    "children": [
      ]
    ],
    {
      "Container": {
        "id": "24",
        "containertype_id": "7",
        "name": "openStack Admins",
        "parent_id": "4",
        "lft": "17",
        "rght": "18"
      },
      "children": [
        ]
      ],
      {
        "Container": {
          "id": "27",
          "containertype_id": "3",
          "name": "Frankfurt",
          "parent_id": "4",
          "lft": "19",
          "rght": "20"
        },
        "children": [
          ]
        }
      ],
      {
        "Container": {
          "id": "5",
          "containertype_id": "2",
          "name": "Test tenant",
          "parent_id": "1",
          "lft": "22",
          "rght": "25"
        },
        "children": [
          {
            "Container": {
              "id": "17",
              "containertype_id": "7",
              "name": "Demo Hostgroup 2",
              "parent_id": "5",
              "lft": "23",
              "rght": "24"
            },
            "children": [

```



```

    ]
  }
]
},
{
  "Container": {
    "id": "6",
    "containertype_id": "2",
    "name": "Demo Tenant",
    "parent_id": "1",
    "lft": "26",
    "rght": "31"
  },
  "children": [
    {
      "Container": {
        "id": "19",
        "containertype_id": "7",
        "name": "all_hosts",
        "parent_id": "6",
        "lft": "27",
        "rght": "28"
      },
      "children": [
        ]
      },
    {
      "Container": {
        "id": "23",
        "containertype_id": "7",
        "name": "KVM Admins",
        "parent_id": "6",
        "lft": "29",
        "rght": "30"
      },
      "children": [
        ]
      }
    ]
  },
{
  "Container": {
    "id": "7",
    "containertype_id": "6",
    "name": "info",
    "parent_id": "1",
    "lft": "32",
    "rght": "33"
  },
  "children": [
    ]
  },
{
  "Container": {
    "id": "25",
    "containertype_id": "8",
    "name": "Demo servicegroups",
    "parent_id": "1",
    "lft": "34",

```

```
        "right": "35"
      },
      "children": [
        ]
    },
    {
      "Container": {
        "id": "26",
        "containertype_id": "3",
        "name": "Fulda",
        "parent_id": "1",
        "lft": "36",
        "right": "37"
      },
      "children": [
        ]
      }
    }
  ]
}
```