API Reference

Query Tasks

4/9/2025

Query Tasks

	GET /services/${service_id}/tasks
	Available since: 8.0.100.00

Contents

Description

This operation queries the tasks for a given service. By default, all the tasks are returned, but your application can filter the results to retrieve only active or completed tasks, based on the specified URI. Your application can also filter the returned tasks with additional URI parameters to select one or more task type and a given state.

Operation

ID	CV.WS.SRV.13
Method	GET
URL	1. All (default): /services/**${service_id}**/tasks 2. Active Tasks: /services/**${service_id}**/tasks/active 3. Completed Tasks: /services/**${service_id}**/tasks/completed

Field Names	Type	Mandatory	Description
URI Parameters			
${service_id}	string	yes	The service ID generated from the service creation.
state_id	integer	no	Used to filter tasks by state ID. To filter both on the state id and the task_type, your application can also use this field identically to task_type. For example: /services/${service_id}/tasks/completed?task_types=1,3&state_id=700
task_types	long or string	no	Filters specific service task types separated by commas.
extensions	string	no	Names, separated by commas, of the task extensions to return with the matching task resources. You can specify as many extension names as needed, as long as you previously created the corresponding schema

ID	CV.WS.SRV.13		
			with Create Task Extension Schema. By default, no extension is returned.

Response

The Context Management Service API answers with HTTP codes for every request. The following table shows the correct response for a successful request. See HTTP Response Codes and Errors for further details on the possible codes that this operation can return.

Response	
HTTP code	200
HTTP message	OK
Body	Task[].

Example

Retrieve completed tasks

Operation Retrieve completed tasks for service 6001:

```
GET /services/15/tasks/completed?task_types=STT-DefineCustomerNeed%2CSTT-
FillCustomerInfo&state_id=5&extensions=Survey
```

Result

```
[ {
 "service_id" : 1,
 "state_id" : 2,
 "task_id" : 0,
 "task_type" : 55,
 "est_duration" : 55,
 "started" : {
   "timestamp" : "2010-05-20T15:41:52.380Z",
   "interaction_id" : "65"
},
 "Survey":
 {"url":"http://ourServer/storage/userAnswers",
 "question1":7, "question2":true,
 "question3":"will be better with cable tv and on-demand video"
 },
 "Proposal": [
   {
   "car type":"cabriolet",
   "price":25 000,
   "seats":2,
   "comments":"200 cv, hardtop"
```

```
    },
    {
      "car type":"S.U.V.",
      "price":70 000,
      "seats":8,
      "comments":"4wd, leather seats"
    }
  ]
}, {
  "service_id" : 1,
  "state_id" : 1,
  "task_id" : 1,
  "task_type" : 12,
  "est_duration" : 900,
  "started" : {
    "timestamp" : "2010-05-20T15:42:57.207Z",
    "interaction_id" : "954"
  },
} ]
```

Retrieve active tasks

Operation Retrieve active tasks for service 6001:

```
 GET /services/6001/tasks/active
```

Result

```
[ {
    "service_id" : 6001,
    "task_id" : 15001,
    "task_type" : 1433,
    "started" : {
      "timestamp" : "2010-04-25T16:07:12.133Z",
      "application_type" : 1426,
      "media_type" : 1010,
      "resource_type" : 1423
    }
} ]
```

Operation Retrieve all tasks for service 6001:

```
  GET /services/6001/tasks
```

Result

```
[ {
    "service_id" : 6001,
    "duration" : 0,
    "task_id" : 15000,
    "task_type" : 1433,
    "started" : {
      "timestamp" : "2010-04-25T16:07:12.133Z",
      "application_type" : 1426,
      "media_type" : 1010,
      "resource_type" : 1423
    },
    "completed" : {
      "timestamp" : "2010-04-25T16:07:12.133Z",
      "application_type" : 1426,
```

```
      "media_type" : 1010,
      "resource_type" : 1423
    }
},{
   "service_id" : 6001,
   "task_id" : 15001,
   "task_type" : 1433,
   "started" : {
      "timestamp" : "2010-04-25T16:07:12.133Z",
      "application_type" : 1426,
      "media_type" : 1010,
      "resource_type" : 1423
   }
} ]
```