

Retrieve BIM Services list

Retrieves the list of services active in the Batch Impact Manager Server.

Request parameters

Figure 113 request_get_bim_services_info XML parameters

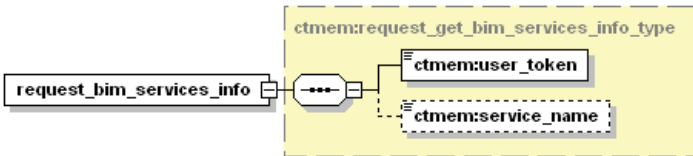


Table 136 request_get_bim_services_info XML parameters description

Parameter	Description
user_token	Serial identification number supplied to the user during registration. String.
service_name	The name of the service.

Response parameters

Figure 114 response_get_bim_services_info XML parameters

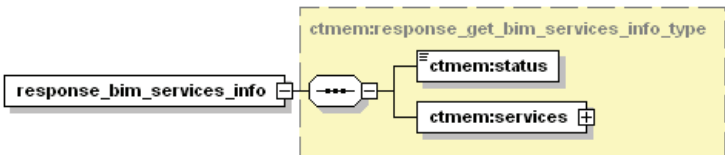


Table 137 response_get_bim_services_info XML parameters description

Parameter	Description
status	The status of the BIM service.
services	Information regarding the BIM service.

Figure 115 bim_services XML parameters

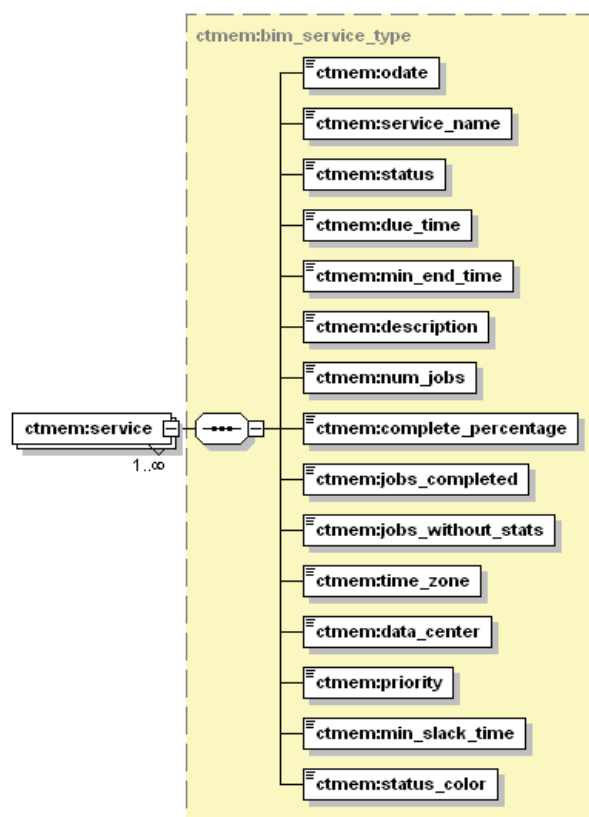


Table 138 bim_services XML parameters description

Parameter	Description
odate	The order date of the service.
service_name	The name of the service.
status	The status of the service.
due_time	The due time of the service.
min_end_time	The minimum time required for the service to complete.
description	The description of the service
num_jobs	The number of jobs contained in the service.
complete_percentage	The percentage of jobs completed.
jobs_completed	The number of jobs completed.
jobs_without_stats	The number of jobs without statistic information.
time_zone	Indicates the time zone according to which the job should be scheduled. When the value of this parameter is not zero, all dates reported use this time zone.
data_center	The data center where the service was ordered.
priority	The priority of the service.

Table 138 bim_services XML parameters description

Parameter	Description
min_slack_time	In case of a failure, this field indicates how long before the service is late.
status_color	Indicates the color of the status. Valid values are: <ul style="list-style-type: none">■ OK■ Error■ Warning■ Completed late■ Not OK

Fault response parameters

XML parameters for the `get_bim_services_info` parameter, as well as a sample fault response are described in [“Fault Response” on page 209](#).

Examples

Successful example

Request

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <ctmem:request_bim_services_info xmlns:ctmem="http://www.bmc.com/ctmem/schema630">
      <ctmem:user_token>12345630</ctmem:user_token>
    </ctmem:request_bim_services_info>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Response

```
<?xml version="1.0" encoding="iso-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <ctmem:response_bim_services_info
      xmlns:ctmem="http://www.bmc.com/ctmem/schema630">
      <ctmem:status>OK</ctmem:status>
      <ctmem:services>
        <ctmem:service>
          <ctmem:odate>12:26:07 01/12/2006</ctmem:odate>
          <ctmem:service_name>Bim Service</ctmem:service_name>
          <ctmem:status>Service completed</ctmem:status>
          <ctmem:due_time>12:29:07 01/12/2006</ctmem:due_time>
          <ctmem:min_end_time>12:26:07 01/12/2006</ctmem:min_end_time>
          <ctmem:description/>
          <ctmem:num_jobs>3</ctmem:num_jobs>
          <ctmem:complete_percentage>100</ctmem:complete_percentage>
          <ctmem:jobs_completed>3</ctmem:jobs_completed>
          <ctmem:jobs_without_stats>2</ctmem:jobs_without_stats>
          <ctmem:time_zone> GMT +2</ctmem:time_zone>
          <ctmem:data_center>palace620</ctmem:data_center>
          <ctmem:priority>5</ctmem:priority>
          <ctmem:min_slack_time>0</ctmem:min_slack_time>
          <ctmem:status_color>Error</ctmem:status_color>
        </ctmem:service>
        <ctmem:service>
          <ctmem:odate>12:22:00 01/12/2006</ctmem:odate>
          <ctmem:service_name>Bim Service</ctmem:service_name>
          <ctmem:status>Service is late</ctmem:status>
          <ctmem:due_time>12:25:00 01/12/2006</ctmem:due_time>
          <ctmem:min_end_time>13:52:08 01/12/2006</ctmem:min_end_time>
          <ctmem:description>Job "Service4" should have started by
            12:25:00 GMT+02:00 and will not start on time. The reason
            is: Job is held.</ctmem:description>
          <ctmem:num_jobs>3</ctmem:num_jobs>
          <ctmem:complete_percentage>33</ctmem:complete_percentage>
          <ctmem:jobs_completed>1</ctmem:jobs_completed>
          <ctmem:jobs_without_stats>2</ctmem:jobs_without_stats>
          <ctmem:time_zone> GMT +2</ctmem:time_zone>
          <ctmem:data_center>palace620</ctmem:data_center>
          <ctmem:priority>5</ctmem:priority>
          <ctmem:min_slack_time>0</ctmem:min_slack_time>
          <ctmem:status_color>Completed Late</ctmem:status_color>
        </ctmem:service>
      </ctmem:services>
    </ctmem:response_bim_services_info>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Fault Response

This section shows the parameters for fault responses of all requests.

Table 139 fault XML parameter description

Parameter	Description
error_list	A sequence of error . For a list of the error_list sub-parameters, see Table 140 on page 210 .

Table 140 error XML Parameters Description

Parameter	Description	
error attributes:	major	The error Major Code. An integer describing the family of errors to which the error belongs. For more information, see Appendix B, “Error codes and exceptions.”
	minor	The error minor Code. An integer that is a unique ID for an error of this type. For more information, see Appendix B, “Error codes and exceptions.”
	severity	The priority level assigned to the error.
error_message	Text description of the error. For more information, see Appendix B, “Error codes and exceptions.” String.	

Fault Example

```

<?xml version="1.0" encoding="iso-8859-1"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring>Error response from EM Server.</faultstring>
      <detail>
        <ctmem:fault_def_create_jobs
          xmlns:ctmem="http://www.bmc.com/ctmem/schema630">
          <ctmem:error_list ctmem:highest_severity='Error' >
            <ctmem:error ctmem:major='412' ctmem:minor='1'
              ctmem:severity='Error' >
              <ctmem:error_message>Create jobs definitions
                failed, invalid params.</ctmem:error_message>
            </ctmem:error>
            <ctmem:error ctmem:major='412' ctmem:minor='14'
              ctmem:severity='Error' >
              <ctmem:error_message>Create jobs definitions
                validation error: 'Field: AuthorError: The
                  field must have a value'.</ctmem:error_message>
            </ctmem:error>
          </ctmem:error_list>
        </ctmem:fault_def_create_jobs>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```