

## gCube - Task #8368

Release # 8211 (Released): gCube Release 4.5.0

Release # 8420 (Released): data-access-4.5.0

### org.gcube.data-access.comet-mapping-format to be removed

May 05, 2017 11:56 AM - Maria Di Girolamo

|  |                |                        |                     |
|--|----------------|------------------------|---------------------|
| <b>Status:</b>   | Closed         | <b>Start date:</b>     | May 02, 2017        |
| <b>Priority:</b>   | Immediate      | <b>Due date:</b>       |                     |
| <b>Assignee:</b>   | Lucio Lelii    | <b>% Done:</b>         | 100%                |
| <b>Category:</b>   | vre-management | <b>Estimated time:</b> | 0.00 hour           |
| <b>Sprint:</b>   | Release 4.5.0  |                        |                     |
| <b>Description</b>   |                |                        |                     |
| comet-mapping format should be removed from this release (it's a deprecated file).<br>But org.gcube.data-analysis.operation-comet depends on it:<br><a href="http://eticsbuild2.research-infrastructures.eu/BuildReport/home/AllBuilds/org.gcube.4-5-0/BUILD_2/comet-mapping-format.0.0.1">http://eticsbuild2.research-infrastructures.eu/BuildReport/home/AllBuilds/org.gcube.4-5-0/BUILD_2/comet-mapping-format.0.0.1</a> .<br>Please @ <a href="mailto:fabio.sinibaldi@isti.cnr.it">fabio.sinibaldi@isti.cnr.it</a> and/or @ <a href="mailto:Lucio.lelii@isti.cnr.it">Lucio.lelii@isti.cnr.it</a> , is it possible to refactor operation-comet in order to remove comet-mapping-format? |                |                        |                     |
| <b>Related issues:</b>   |                |                        |                     |
| Related to gCube - Release # 8923: org.gcube.data-access.comet-mapping-format...   |                | <b>Removed</b>         | <b>Jun 13, 2017</b> |

## History

### #1 - May 05, 2017 11:56 AM - Maria Di Girolamo

- Copied from Task #7858: Refactor of the org.gcube.vre-management.ghnmanager-client.1-1-0-2 added

### #2 - May 05, 2017 11:57 AM - Maria Di Girolamo

- Copied from deleted (Task #7858: Refactor of the org.gcube.vre-management.ghnmanager-client.1-1-0-2)

### #3 - May 08, 2017 01:35 PM - Maria Di Girolamo

- Subject changed from org.gcube.data-access.comet-mapping-format to org.gcube.data-access.comet-mapping-format to be removed

### #4 - May 08, 2017 01:51 PM - Maria Di Girolamo

- Parent task changed from #8211 to #8420

### #5 - May 09, 2017 06:45 PM - Fabio Sinibaldi

The whole module operation-comet is meant to interact with comet logic. If we're dismissing the latter, I think we're safe to dismiss operation-comet as well. @[Lucio.lelii@isti.cnr.it](mailto:Lucio.lelii@isti.cnr.it), can we do it on this release?

### #6 - May 09, 2017 07:23 PM - Pasquale Pagano

@[gianpaolo.coro@isti.cnr.it](mailto:gianpaolo.coro@isti.cnr.it), is/was comet used in Bionym to generate the reference dataset?

### #7 - May 10, 2017 03:51 PM - Gianpaolo Coro

operation-comet is not used by BiOnym directly. I guess it can be removed.

### #8 - May 10, 2017 04:19 PM - Maria Di Girolamo

org.gcube.data-analysis.tabular-data-service depends on operation-comet.  
Please , @[Lucio.lelii@isti.cnr.it](mailto:Lucio.lelii@isti.cnr.it) is it possible refactor tabular-data-service removing operation-comet?

### #9 - May 10, 2017 04:33 PM - Lucio Lelii

from the TabularData service point of view comet can be removed without any change in the service.

The problem could be in the interface side, I don't remember if [@g.panichi@isti.cnr.it](mailto:g.panichi@isti.cnr.it) integrated this operation in his components.

#### #10 - May 10, 2017 04:58 PM - Giancarlo Panichi

This operation is not present among those declared in the current TabMan interface.  
I do not know if it is an internal operation in the service.

#### #11 - May 10, 2017 05:49 PM - Maria Di Girolamo

At the moment, I can set operation-comet and comet-mapping-format as dismissed in ETICS configuration.

In the next release we can think to remove them (if possible).

What do you think?

#### #12 - May 11, 2017 10:01 AM - Gabriele Giammatteo

A quick search for "comet" in the tabman Maven project reports the following:

```
pom.xml:      <artifactId>operation-comet</artifactId>
src/test/resources/cl_species.csv:PZE,,,,Perryena leucometopon,(Waite 1922)
src/test/resources/cl_species.csv:OBR,,,,Benthocometes robustus,(Goode & Bean 1886)
src/test/resources/cl_species.csv:EEP,Comet grouper,Mérou comète,Mero cometa,Epinephelus morrhua,(Valenciennes 1833)
src/test/resources/cl_species.csv:WPM,Pacific harvestfish,Stromaté du Pacifique,Palometa cometrapo,Peprilus medius,(Peters 1869)
```

It seems no ".java" file is referring to anything in operation-comet. At least at compile-time operation-comet dependency is not needed.

Also the Maven dependency-analyze plugin report it (and several others!) as unused:

```
[WARNING] Unused declared dependencies found:
[WARNING] org.gcube.data.analysis.tabulardata:operation-view:jar:1.2.3-4.5.0-132347:compile
[WARNING] org.gcube.data.analysis.tabulardata:operation-sdmx:jar:3.1.1-4.5.0-148356:compile
[WARNING] org.gcube.data.analysis.tabulardata:operation-labels:jar:1.0.4-4.5.0-125894:compile
[WARNING] org.gcube.data.analysis.tabulardata:operation-statistical:jar:1.2.4-4.5.0-147150:compile
[WARNING] com.google.code.gson:gson:jar:2.2.4:compile
[WARNING] org.gcube.data.analysis.tabulardata:operation-data:jar:1.3.3-4.5.0-125082:compile
[WARNING] org.gcube.data.analysis.tabulardata:operation-comet:jar:1.0.3-4.5.0-125081:compile
```

Of course, this does not tell us anything about the run-time. Maybe these unused artifacts are included in the service package and discovered at runtime as plugins?

**#13 - May 11, 2017 11:06 AM - Fabio Sinibaldi**

Indeed, operation modules are plugins. Moreover, their invocation is made by specifying their identifier (which is a String), so you won't be able to track their dependency in Java.

As Lucio stated, from the service point of view there shouldn't be any problem to remove the dependency from the pom.

AFAIK, the only invoker of this operation is the GUI (TDM portlet), which could simply hide / remove the button that makes the invocation. We just need to wait for [@g.panichi@isti.cnr.it](mailto:g.panichi@isti.cnr.it) to give us feedback on this, but I think there wouldn't be any problem.

**#14 - May 11, 2017 11:08 AM - Gabriele Giammatteo**

Fabio Sinibaldi wrote:

Indeed, operation modules are plugins. Moreover, their invocation is made by specifying their identifier (which is a String), so you won't be able to track their dependency in Java.

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AFAIK, the only invoker of this operation is the GUI (TDM portlet), which could simply hide / remove the button that makes the invocation. We just need to wait for [@g.panichi@isti.cnr.it](mailto:g.panichi@isti.cnr.it) to give us feedback on this, but I think there wouldn't be any problem.

ok! thanks for the explanation

**#15 - May 12, 2017 12:22 PM - Pasquale Pagano**

- Assignee changed from Fabio Sinibaldi to Giancarlo Panichi

According to the last comment, it is needed your final comment to remove those dependencies.

**#16 - May 23, 2017 09:42 AM - Maria Di Girolamo**

- Priority changed from Normal to Immediate

Please, [@g.panichi@isti.cnr.it](mailto:g.panichi@isti.cnr.it) is it possible to remove it?

**#17 - May 23, 2017 12:46 PM - Giancarlo Panichi**

- Assignee changed from Giancarlo Panichi to Lucio Lelii

This issue is not related to the portlet as I wrote 13 days ago, it is pointless to reassign this ticket to me.

The portlet does not use that operation, this issue concerns the service.

Please [@lucio.lelii@isti.cnr.it](mailto:lucio.lelii@isti.cnr.it) fix this dependency

**#18 - May 26, 2017 11:42 AM - Lucio Lelii**

I have removed the comet mapping dependency from the service. The release ticket is #8768

**#19 - May 26, 2017 11:43 AM - Lucio Lelii**

- % Done changed from 0 to 100

- Status changed from New to Closed

**#20 - Jun 13, 2017 10:23 AM - Maria Di Girolamo**

- Related to Release #8923: *org.gcube.data-access.comet-mapping-format (to be removed) added*