

# CMS - Snapshot editor

## Snapshot editor

This editor essentially provides a means for you to configure Snapshots that have already been generated (see [Generate a Snapshot](#)). A snapshot:

- is a dated and labelled metrics picture of an Application
- governs the generation of data that can be exploited in the **CAST Health Dashboard/CAST Engineering Dashboard**
- is derived from data created during the analysis process and the filters defined in your Modules
- is used extensively in the **CAST Health Dashboard/CAST Engineering Dashboard**

The editor can be accessed from:

- The **Snapshots tab** in the [Application editor](#)
- The **Snapshots tab** in the [Dashboard Service editor](#)

Computed on 201502041509

Name: Computed on 201502041509 [Update...](#)

Capture Date: 04/02/15 [Update...](#)

Version: MEUDON [Update...](#)

Application: [Source Server / MEUDON](#)

Modules:

Module	Version
MEUDON full content	MEUDON

Dashboard Service [CEMAES on SQLServer / V725 6294 CENTRAL](#)

[Generate Report...](#)

## Main Field Headings

<p><b>Name</b></p>	<p>Displays the Snapshot <b>Name</b> - this is defined when you <a href="#">generate the Snapshot</a> (if the Name states "Computed on: " then the CAST Management Studio will have automatically defined the Name during the creation process).</p> <p>You can edit this Name if required using the <b>Update</b> button.</p> <p> <b>Notes</b></p> <ul style="list-style-type: none"> <li>• The <b>Name</b> defined here will also be displayed in the CAST Engineering Dashboard.</li> </ul>
<p><b>Capture Date</b></p>	<p>Displays the <b>date</b> and <b>time</b> the Snapshot was generated - this is defined when you <a href="#">generate the Snapshot</a>. You can edit the field by clicking the <b>Update</b> option to launch a wizard containing a calendar to help you choose the date/time:</p>

Update
\_ □ ×

### Update the Capture Date

This action assigns a new Capture Date for the selected Snapshot.  
Computing required by the new Snapshot sequence can be time-consuming.

The Capture Date field is designed to hold Application source code production date. Input time information in addition to the date when you need to run multiple Snapshots on the same Application on behalf of the same date. It is recommended to leave to 0:0 otherwise for optimal display in the CAST Dashboard.

◆ New Capture Date

Date

< May
2013
>

M	T	W	T	F	S	S
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

Time

0
:
0

< Back
Next >
Finish
Cancel

**Notes**

- you can also choose the **Hours** (24 hour clock applies) and **Minutes** using the **Time** field underneath the date selector. When complete, the Capture Date will be displayed as follows: **DD/MM /YY HH:MM**
- If you update the functional date now, three snapshots will be updated:
  - the snapshot you updated
  - the previous next snapshot
  - the new next snapshot

For these three snapshots:

- CAST AIP will recalculate the delta and AEP/EFP metrics, the post process procedures are launched. This will impact the display of information in the **CAST Transaction Configuration Center** in the "Enhancement" node as shown in the example below.
- new data is pushed to the associated Measurement Service schema (if one is associated to the Management Service schema for the Application).  
If the snapshot you updated was already the latest, source code and object properties will be removed (as they no longer match with the new latest snapshot).

**Example of impact of changing the capture date:**

If three snapshots exist as follows:

S1	1 Jan 2017
S2	1 Feb 2017
S3	1 March 2017

An object <OBJECT\_LAST> was added in snapshot S3, and so it is marked as ADDED in the snapshot S3 because it was not there in the previous snapshot S2. If the functional date is now changed as follows (capture date changed on S3):

S1	1 Jan 2017
S2	1 Feb 2017
S3	30 Jan 2017

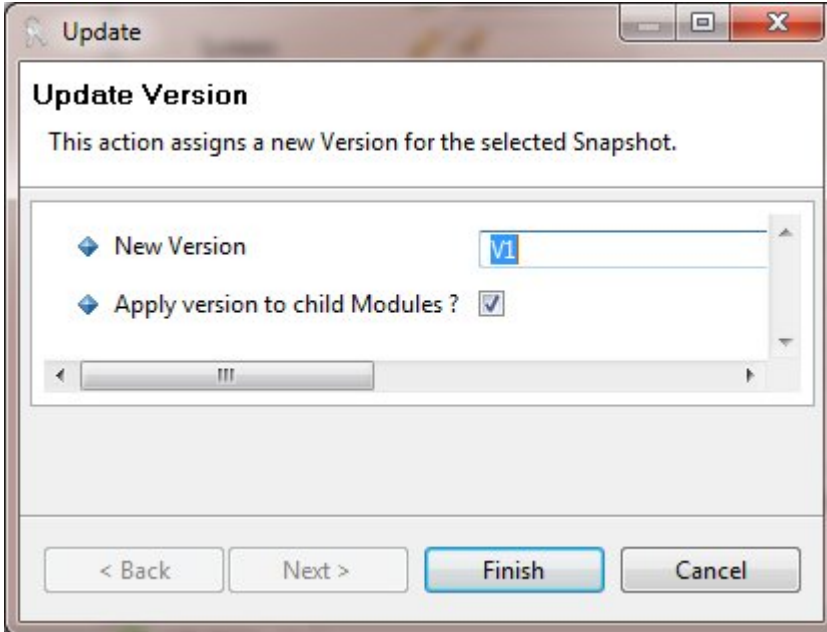
then the snapshots are reordered as follows:

S1	1 Jan 2017
S3	30 Jan 2017
S2	1 Feb 2017

<OBJECT\_LAST> will still be marked as ADDED in the snapshot S3 which is no longer the latest snapshot because its functional date has been updated. S2 is now the latest snapshot and it is compared to the previous snapshot which is now S3. Because object <OBJECT\_LAST> wasn't present in the S2 snapshot, then it will be shown as 'DELETED' in S2 when compared to S3, even though <OBJECT\_LAST> is part of the most recent analysis and version of the source code that exists in the CAST Analysis Service schema.

In other words, if the snapshot you updated was previously the latest, source code and object properties will be removed from the CAST Dashboard Service schema (as they no longer match with the new latest snapshot). Data in the CAST Analysis Service will remain as before. Therefore data in the two schemas will no longer correspond.

**Version** This field displays the **Version** name defined in the CAST Delivery Manager Tool. You can edit it if required using the **Update** button.





<b>New Version</b>	<p>Enter the Version's new <b>name</b>. The update is confined to the current snapshot only and does not modify the Version in the <a href="#">Application editor</a>. Updating is immediate and results can be seen in the CAST Engineering Dashboard instantly:</p> <div data-bbox="397 1092 1177 1344"> <table border="1"> <thead> <tr> <th>Index</th> <th>05-16-2013</th> </tr> </thead> <tbody> <tr> <td>My Corporate</td> <td></td> </tr> <tr> <td>My System</td> <td><input type="checkbox"/></td> </tr> <tr> <td>MEUDON</td> <td><input type="checkbox"/> V1_RENAMED</td> </tr> <tr> <td>MEUDON full content</td> <td><input type="checkbox"/> V1_RENAMED</td> </tr> </tbody> </table> </div>	Index	05-16-2013	My Corporate		My System	<input type="checkbox"/>	MEUDON	<input type="checkbox"/> V1_RENAMED	MEUDON full content	<input type="checkbox"/> V1_RENAMED
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<b>Apply version to child modules</b>	<p>This option will apply the new name to all modules that are children of the Application for which the snapshot was generated. By default this is selected. Deactivating the option and renaming a Version will cause Modules to retain the previous Version name:</p> <div data-bbox="397 1396 1177 1648"> <table border="1"> <thead> <tr> <th>Index</th> <th>05-16-2013</th> </tr> </thead> <tbody> <tr> <td>My Corporate</td> <td></td> </tr> <tr> <td>My System</td> <td><input type="checkbox"/></td> </tr> <tr> <td>MEUDON</td> <td><input type="checkbox"/> V1_RENAMED</td> </tr> <tr> <td>MEUDON full content</td> <td><input type="checkbox"/> V1</td> </tr> </tbody> </table> </div>	Index	05-16-2013	My Corporate		My System	<input type="checkbox"/>	MEUDON	<input type="checkbox"/> V1_RENAMED	MEUDON full content	<input type="checkbox"/> V1
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<b>Application</b>	This field displays the <b>Application</b> to which the Snapshot is assigned. Click the link to open the <a href="#">Application editor</a> .
<b>System</b>	This field lists the "System" to which the snapshot belongs. You can find out more about this in the <a href="#">Dashboard Service editor (Portfolio tab)</a> .
<b>Modules</b>	This section lists all the Modules (see <a href="#">Modules tab</a> in the <a href="#">Application editor</a> ) that the Snapshot is calculated on.
<b>Dashboard Service</b>	This field is read-only and displays the <b>Dashboard Service</b> to which the Snapshot is assigned. Click the link to open the <a href="#">Dashboard Service editor</a> .
<b>Generate Report</b>	Please see <a href="#">Generate a Report</a> for more information.

### Editor buttons

The following buttons are available in the view:

	<b>Minimize</b> > Minimize the entire window
	<b>Maximize</b> > Maximize the entire window

See Also

[Generate Snapshot](#)

