

CAST-AAD-AED - Reload the cache

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Target audience:

CAST AI Administrators



Summary: this page explains how to reload the CAST Application Analytics or Engineering Dashboard cache to display the most up-to-date snapshot data.

Introduction

The Application Analytics Dashboard / Application Engineering Dashboard features a **data cache** to improve the speed at which data is displayed in the dashboard. This means that when requesting data, the dashboard may return data direct from the cache rather than fetching it from the Measurement or Dashboard Service. In turn, this means that data displayed in the dashboard may not be **up-to-date**. This is particularly true in the following situations:

- if you have very recently generated a snapshot and were expecting to see this new data
- if you have run a manual consolidation with GUI/CLI admin tools
- if you have run a manual consolidation with GUI/CLI admin tools
- if you have deleted an existing snapshot

To see the new data, you can manually force the cache to reload data from the Measurement or Dashboard Service, rather than waiting for it to do so automatically.



Note that you must login with a user that has the **ROLE_ADMIN admin role** in order to action this task.

Via the RestAPI interface

- Browse to the following **URL** replacing server/port with the details of your environment:

```
AAD - http://server[:port]/CAST-AAD/static/default.html  
AED - http://server[:port]/CAST-AED/static/default.html
```

- if you are already logged in, click the **Test** button to ensure you have an **active session**:

Simple REST Client

Server: /CAST-AED/rest/

URI:

Preferred Media Type:

Disable client cache

Basic Authentication: admin

Display up to items

HTTP Verb: GET PUT POST DELETE

Request elapsed time:

No content

- You will get a response as follows:

Logged in	Not logged in
<p>Active session</p> <p><input type="checkbox"/> Prevent this page from creating additional dialogs</p> <p><input type="button" value="OK"/></p>	<p>Session has been deactivated. You must login again</p> <p><input type="button" value="OK"/></p>

- If you are "logged in" you can proceed as below, otherwise, enter your **user name** and **password** and then click **Login**:

Simple REST Client

Server: /CAST-AED/rest/

URI:

Preferred Media Type:

Disable client cache

Basic Authentication:

*

*

Display up to items

HTTP Verb: GET PUT POST DELETE

Request elapsed time:

No content

- Once logged in expand the **Help** section and click the **Reload server memory cache** button:

Simple REST Client

Server: /CAST-AED/rest/

URI:

Preferred Media Type:

Disable client cache

Basic Authentication: * *

Display up to items

HTTP Verb: GET PUT POST DELETE

Request elapsed time:

Administration

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- The cache will then be reloaded with the most up-to-date data from the Measurement Service.

Via a command line for automation

You can also reload the cache via a command line - this enables you to automate the process if you are using CAST's command line interface to automate an analysis, snapshot generation and upload of data to the Measurement Service. You can use a tool such as [cURL](#) to do so, for example:

```
AAD - C:> curl -u admin:cast -H "Accept: application/json" http://localhost:8080/CAST-AAD/rest/server/reload
AED - C:> curl -u admin:cast -H "Accept: application/json" http://localhost:8080/CAST-AED/rest/server/reload
```



Optionally, this command line can then be added to a batch file containing the command lines required for generating a snapshot.