Injecting custom tags

ⓘ **Summary:** this page explains how to **inject custom tags** into the Health or Engineering dashboards. These custom tags can then be used in custom tiles. Injecting custom tags is available in the CAST Dashboard Package **1.11.0**.

Introduction

CAST automatically applies tags to certain structural rules via the **Quality Standards Mapping** extension, however, it is also possible to **manually inject custom tags**, apply them to specific structural rules and then exploit these custom tags in either the **Engineering** or **Health Dashboard** via a **Custom Tile**.

Prerequisites

✅	Dashboards **1.11.0** must be used.
✅	When injecting into **AED** (i.e. Dashboard Service schema), the **Quality Standards Mapping** extension MUST be installed otherwise the required column in the **aed_quality_tags_doc** table does not exist. However, provided that the extension is installed, **a schema from any release of AIP** can be used.
✅	When injecting into **AAD** (i.e. Measurement Service schema), all that is required is that **a schema from AIP 8.3.15** MUST be used. The **Quality Standards Mapping** extension is not required.

Injection process

Tags are injected using **CURL** with the following syntax:

```
curl -X PUT --header "Content-type: text/csv" --user username:password --upload-file {path to .csv file} http://
{server}:{port}/{dashboard}/rest/{domain}/custom-quality-tags
```

Where:

Command	Description
-X PUT	Use this to tell CURL to use a PUT instead of a GET (default action)
--header	This specifies that the uploaded content will be in CSV format.
--user username: password	You need to authenticate with the dashboard. Enter your dashboard credentials - i.e. username/password.

--upload-file	Enter the path to the .CSV file containing your custom tags and corresponding rule IDs - avoid paths with white space in them. For example: ``` --upload-file D:\temp\data.csv ``` The .CSV file should be formatted with an initial header line containing the **Rule ID;Tag** pair and then each following line is a rule ID and your tag: - You can upload multiple custom tags in one CSV file - Multiple custom tags can be assigned to one single rule - Custom tags must always start with CUSTOM For example: ``` Rule ID;Tag 3626;CUSTOM-TOP-PRIORITY-RULES 2236;CUSTOM-TOP-PRIORITY-RULES 7392;CUSTOM-TOP-PRIORITY-RULES 7390;CUSTOM-TOP-PRIORITY-RULES 3558;CUSTOM-MEDIUM-PRIORITY-RULES 7390;CUSTOM-MEDIUM-PRIORITY-RULES ```
URL to CAST dashboard	Use the following URL format: ``` http://{server}:{port}/{dashboard}/rest/{domain}/custom-quality-tags ``` Change the following to your own environment: - {server}:{port} - {dashboard} - {domain} either **AAD** (Health) or **AED** (Engineering)

Removal process

The removal process involves running a CURL command with a DELETE request. The .CSV file contains the **Rule ID;Tag** pairing for the tags you want to remove.

```
curl -X DELETE --header "Content-type: text/csv" --user username:password --upload-file {path to .csv file}
http://{server}:{port}/{dashboard}/rest/{domain}/custom-quality-tags
```

Exploiting custom tags

Once the custom tags have been injected for the structural rules you require, you can then create a **custom tile(s)** in the **Engineering** or **Health Dashboard** to show the number of critical/non-critical violations for the rules that have been assigned the custom tag.

See the following documentation for more information:

- **Engineering Dashboard tile management**
- **Health Dashboard tile management**