


# Release Notes - 1.13.2

- [Content matrix](#)
- [RestAPI](#)
  - [Documentation](#)
  - [Updates](#)
- [Resolved issues](#)
- [Updates - Health Dashboard](#)
  - [DASHBOARDS-1670 - Quality Distribution and Measure data now available](#)
- [Updates - Engineering Dashboard](#)
  - [DASHBOARDS-1660 - Drill-down column for Top Cyclomatic Complexity miscellaneous reports](#)
  - [DASHBOARDS-1569 - Rule ID added to source code view](#)
  - [Application Investigation view - Impacted transactions](#)
    - [DASHBOARDS-1646 - Show more button](#)
    - [DASHBOARDS-1676 - Export Impacted transaction list](#)
  - [Transaction Investigation view - Impacted objects with violations](#)
    - [DASHBOARDS-1646 - Show more button](#)
    - [DASHBOARDS-1645 - Sortable Status column](#)
    - [DASHBOARDS-1676 - Export Impacted objects with violations list](#)

 **Summary:** this page describes the new features and bugs that have been fixed in the CAST Dashboard Package 1.13.2.

## Content matrix

| Version | Summary of content   | Comments  |
|---------|--|---|
| 1.13.2  | <ul style="list-style-type: none"> <li>• <a href="#">Quality Distribution and Measure data now available</a></li> </ul>  | Can be used with: <ul style="list-style-type: none"> <li>• 8.3.3</li> </ul> |
|         | <ul style="list-style-type: none"> <li>• <a href="#">New APIs for getting object count associated with a particular transaction</a></li> </ul>   |   |
|         | <ul style="list-style-type: none"> <li>• <a href="#">Rest API</a></li> <li>• <a href="#">Documentation</a></li> <li>• <a href="#">UI Changes</a></li> <li>• <a href="#">Application Structure Resources - 1.13.x</a></li> <li>• <a href="#">Engineering Resources - 1.13.x</a></li> <li>• <a href="#">Health Resources - 1.13.x</a></li> <li>• <a href="#">Quality and Rule ID available in source code viewer</a></li> <li>• <a href="#">Report Set Drill-down</a></li> <li>• <a href="#">Server Session Services - 1.13.x</a></li> </ul> |   |

## Updates

Various minor improvements to [Engineering Resources - 1.13.x](#) to improve output for:

- [Application Investigation view - Impacted transactions](#) (Show More, Export to Excel)
- [Transaction Investigation view - Impacted objects with violations](#) (Show More, Export to Excel, Status information)
- [Objects Violations Count URI](#) added to get total count for objects that are associated with a particular transaction

## Resolved issues

| Internal ID     | Call ID | Summary   |
|-----------------|---------|---|
| DASHBOARDS-1682 | 20633   | Coding Best Practices - Modularity and OO Encapsulation Conformity - Difference in HD and ED Dashboards           |
| DASHBOARDS-1667 | 20685   | Impossible to understand the TC grade: quality-measures & quality-distributions are missing from Health dashboard |

## Updates - Health Dashboard

[DASHBOARDS-1670 - Quality Distribution and Measure data now available](#)

Data about Quality Distributions and Measures is now available in the Health Dashboard. In previous releases, only data relating to Quality Rules was shown. Data about these items can be seen alongside Quality Rules in all areas of the dashboard, for example:

| Previous releases   | Current release  |
|---|--|
| <p><b>RULES</b> ▾</p> <ul style="list-style-type: none"> <li>➤ Architecture - Multi-Layers and Data Access</li> <li>➤ Programming Practices - Error and Exception Handling</li> <li>➤ Programming Practices - Unexpected Behavior</li> <li>➤ Efficiency - Memory, Network and Disk Space Management</li> <li>➤ Complexity - Dynamic Instantiation</li> <li>➤ Complexity - Algorithmic and Control Structure Complexity</li> <li>▼ Complexity - SQL Queries           <ul style="list-style-type: none"> <li>Avoid Artifacts with High RAW SQL Complexity</li> </ul> </li> <li>➤ Architecture - Object-level Dependencies</li> </ul> | <p><b>RULES</b> ▾</p> <ul style="list-style-type: none"> <li>➤ Architecture - Multi-Layers and Data Access</li> <li>➤ Programming Practices - Error and Exception Handling</li> <li>➤ Programming Practices - Unexpected Behavior</li> <li>➤ Efficiency - Memory, Network and Disk Space Management</li> <li>➤ Complexity - Dynamic Instantiation</li> <li>➤ Complexity - Algorithmic and Control Structure Complexity</li> <li>▼ Complexity - SQL Queries           <ul style="list-style-type: none"> <li>SQL Complexity Distribution ⓘ ⓘ<br/>               Avoid Artifacts with High RAW SQL Complexity <span>Quality Distribution</span></li> </ul> </li> <li>➤ Architecture - Object-level Dependencies</li> </ul> <p> ⓘ A roll-over tool tip indicates whether the item is a Distribution or Measure.</p> |

## Updates - Engineering Dashboard

### DASHBOARDS-1660 - Drill-down column for Top Cyclomatic Complexity miscellaneous reports

For the **Top Cyclomatic complexity High fanout** and **Top Cyclomatic complexity Low documentation** reports available as **Miscellaneous Reports** a new drill down icon has been added, which, when clicked will drill down to the specific object in the **Application Investigation view**:

Report Category **Miscellaneous Repor...** Report Type **Top cyclomatic comp...**

**Top cyclomatic complexity \* High fanout** ↓

| OBJECT NAME LOCATION  | CYCLOMATIC COMPLEXITY | FAN-OUT |     |
|---|-----------------------|---------|-----|
| [c:\jenkins7_slave\workspace\CAIP_T ... T\Deploy\Big Ben\Presales\PROG-BATCH].COCPB10 | 633                   | 3       | → ⓘ |
| [c:\jenkins7_slave\workspace\CAIP_T ... T\Deploy\Big Ben\Presales\PROG-BATCH].CSVAB44 | 607                   | 5       | → ⓘ |
| [c:\jenkins7_slave\workspace\CAIP_T ... T\Deploy\Big Ben\Presales\PROG-BATCH].COCHB10 | 587                   | 5       | → ⓘ |

### DASHBOARDS-1569 - Rule ID added to source code view

The **rule ID** has been added below the rule name in the source code viewer:

**Source code**

2 defect(s) have been found on this violation, 2 defect(s) loaded

Code unchanged and violation unchanged since the last snapshot analysis

**⚡ Avoid accessing SAP standard Tables in modification from custom code**  
**Rule ID: 7670**

## Source code

2 defect(s) have been found on this violation, 2 defect(s) loaded

Code unchanged and violation unchanged since the last snapshot analysis



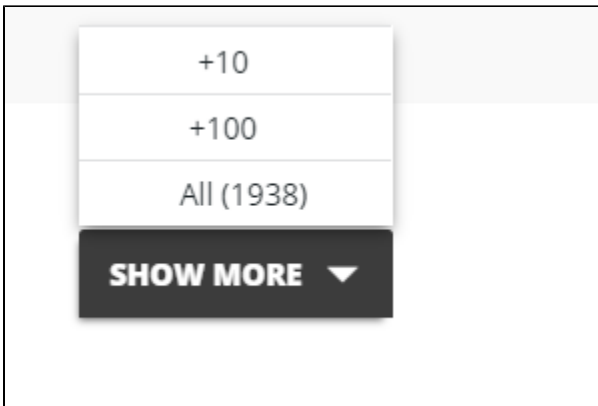
**Avoid using CALL FUNCTION without error handling**  
Rule ID: 8120

## Application Investigation view - Impacted transactions

The **Impacted transactions** table in the [Application Investigation](#) view has been updated as follows:



### DASHBOARDS-1646 - Show more button


Pagination has been introduced so that Impacted transactions can be listed in sets of '10','100' and 'All' using the **Show More** button. By default the dashboard will display 10 impacted transactions:




### DASHBOARDS-1676 - Export Impacted transaction list

The ability to export/download the list of **Impacted transactions** to an Excel format file has been added via a download icon located at the top of the table:

**Impacted transactions**  

 When there are no Impacted transactions , the export icon will be disabled:

**Impacted transactions** 

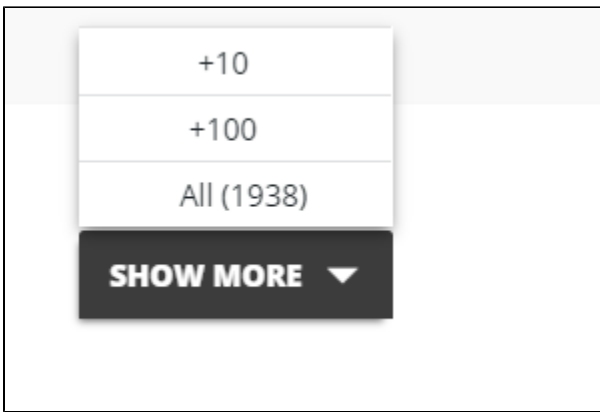
| TRANSACTION NAME          | RISK LEVEL |
|---------------------------|------------|
| No transactions available |            |

## Transaction Investigation view - Impacted objects with violations

The **Impacted objects with violations** table in the [Transaction Investigation](#) view has been updated as follows:

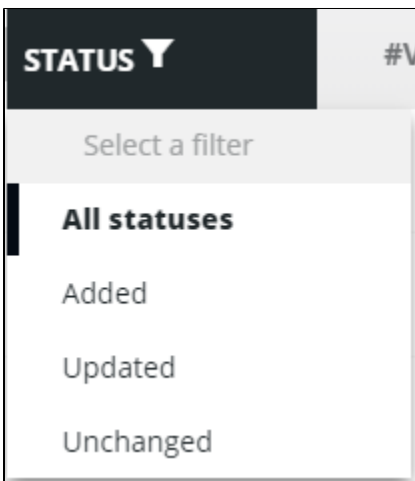
### DASHBOARDS-1646 - Show more button

Pagination has been introduced so that Impacted objects with violations can be listed in sets of '10','100' and 'All' using the **Show More** button. By default the dashboard will display 10 impacted objects with violations:



### DASHBOARDS-1645 - Sortable Status column


The **Status** column has been improved to allow filtering by status of the impacted object: **All Statuses**, **Added**, **Updated** and **Unchanged**:



### DASHBOARDS-1676 - Export Impacted objects with violations list

The ability to export/download the list of **Impacted objects with violations** to an Excel format file has been added via a download icon located at the top of the table:



 When there are no impacted objects with violation, the export icon will be disabled.