

# CAST Engineering Dashboard - Quality rule

## Purpose

This page helps you to troubleshoot issues with Quality Rules.

My System - eCommerce

Investigation - Quality Model Drilldown

Snapshot: Computed on 201409191011 - Version: 1.1.5 - Date: 09-01-2014

BUSINESS CRITERIA			TECHNICAL CRITERIA			QUALITY RULES, DISTRIBUTIONS AND MEASURES						
Grade	Var.	Business Criterion	Grade	Var.	Technical Criterion	Contr.	Critical	Grade	Var.	Rule Name	Contr.	Critical
1.37	+0.02%	Security	1.00	0.00%	Programming Practices - Error and Exception Handling	10x100%	No	1.00	-75.00%	Never exit a finally block with a return, break, continue, or thro	8x100%	Yes
2.45	+0.97%	Efficiency	1.00	0.00%	Programming Practices - Unexpected Behavior	10x100%	No	1.00	0.00%	Pages should use error handling page	7x100%	Yes
2.49	-0.08%	Architectural Design	1.00	0.00%	Secure Coding - Input Validation	10x100%	No	1.75	+0.85%	Avoid throwing an exception in a catch block without chaining it	6x100%	No
2.51	-0.15%	Robustness	1.00	0.00%	Architecture - Multi-Layers and Data Access	8x100%	No	2.56	+1.73%	The exception Exception should never been thrown. Always Sub	8x100%	Yes
2.53	-0.06%	Total Quality Index	1.00	0.00%	Secure Coding - Time and State	4x100%	No	2.69	-0.34%	Avoid declaring throwing an exception and not throwing it	6x100%	No
2.57	-0.15%	Documentation	1.19	0.00%	Efficiency - Memory, Network and Disk Space Management	5x100%	No	2.73	+0.09%	Avoid catching an exception of type Exception, RuntimeException	8x100%	No
2.79	-0.01%	Programming Practice	3.16	+0.13%	Secure Coding - Encapsulation	5x100%	No	3.51	+3.81%	Avoid empty catch blocks	7x100%	Yes
2.93	-0.35%	Changeability	3.95	+0.03%	Architecture - OS and Platform Independence	3x100%	No	4.00	0.00%	Avoid direct Class inheritance from java.lang.Throwable	8x100%	No
3.14	-0.21%	Transferability						4.00	0.00%	Avoid missing default in switch statements	8x100%	No
								4.00	0.00%	Use WHEN OTHERS in exception management	8x100%	No

Export all

### OBJECTS WITH VIOLATION

To select all violations for action or exclusion, select the parent Quality Rule/Distribution and click the Action/Exclusion button

Act./Excl.	Object Name	VI	RPF	PRI	Violation Stat	Object Sta
<input type="checkbox"/>	com.salesmanager.core.module.impl.integration.shipping.IPSPQuotesImpl.getShippingQuote	180	49	15,750	Unchanged	Unchanged
<input type="checkbox"/>	com.salesmanager.catalog.store.LandingAction.displayLanding	210	50	10,710	Unchanged	Unchanged
<input type="checkbox"/>	com.salesmanager.core.util.ShippingUtil.buildShippingPriceRegionMap	150	58	8,850	Unchanged	Unchanged
<input type="checkbox"/>	com.salesmanager.core.util.CustomLabelUtil.getText	180	10	1,980	Unchanged	Unchanged
<input type="checkbox"/>	com.salesmanager.catalog.product.ProductDetailsAction.displayProduct	195	4	975	Unchanged	Unchanged
<input type="checkbox"/>	com.salesmanager.core.module.impl.integration.payment.BeanStreamTransactionImpl.sendTransaction	210	2	630	Unchanged	Unchanged
<input type="checkbox"/>	com.salesmanager.core.util.CallUtil.invokeGetUrl	195	2	585	Unchanged	Updated
<input type="checkbox"/>	com.salesmanager.core.module.impl.integration.payment.BeanStreamTransactionImpl.makeTransaction	260	1	520	Unchanged	Unchanged
<input type="checkbox"/>	com.salesmanager.core.util.www.tags.ContentTag.doStartTag	260	1	520	Unchanged	Unchanged

Action Exclusion Reset Export all

### DETAILS

COMPUTING DETAILS / VIOLATION DETAILS

Violation Details

Violation Info: Unchanged

Violated Rule: Avoid empty catch blocks

Violating Object: getText

CAST - Engineering Dashboard 7.3.0.7152 (ecomm\_backfacts\_73\_central)

Figure 1

The list of quality rules and their description can be found here -

[QRL - Metrics and Quality Rules listed in alphabetical order](#)

For more information, refer to:

Official Documentation

For 8.3 : [User profiled pages](#)

For 8.2 : [User profiled pages](#)

For 8.1 : [User profiled pages](#)

For 8.0 : [User profiled pages](#)

Information Guides : [Information Guides by CAST AIP Component > CAST Engineering Dashboard CED](#)

## Observed in CAST AIP

Release	Yes/No
8.3.x	✓
8.2.x	✓
8.1.x	✓
8.0.x	✓

## Observed on RDBMS

RDBMS	Yes/No
Oracle Server	✓
Microsoft SQL Server	✓
CSS2	✓

## Action Plan

1. Select the section you are interested in.
  - [CAST Engineering Dashboard - Quality rule - Duplicate Quality Rules](#)
  - [CAST Engineering Dashboard - Quality rule - Grade may vary between snapshots even when violation status is unchanged](#)
  - [CAST Engineering Dashboard - Quality rule - Inconsistency between number of objects with Violation and failed checks](#)
  - [CAST Engineering Dashboard - Quality rule - Inconsistency with other components](#)
  - [CAST Engineering Dashboard - Quality rule - Incorrect Failed checks](#)
  - [CAST Engineering Dashboard - Quality rule - Incorrect Total Checks](#)
  - [CAST Engineering Dashboard - Quality rule - Missing Computing Details tab](#)
  - [CAST Engineering Dashboard - Quality rule - Missing Quality Rule](#)
  - [CAST Engineering Dashboard - Quality rule - Variation in Total or failed checks](#)
2. If the problem you are facing does not match any case listed in this page, report your problem to [CAST Technical Support](#) and provide the below [Relevant input](#):

**For CAST Technical Support Only** [CAST Engineering Dashboard - Information - How to identify and execute SQL query involved in data display](#)

## Relevant input

- [CAST Support Tool \(CST\) - alias Sherlock](#) export with the following options **CAST Bases Checker, Export Logs, Export Configuration files, Export Computer Environment, Export CAST Bases** with Management Base, Knowledge Base, Central base
- Complete screenshot of the dashboard with URL and footer showing your problem

## Notes/comments

## Related Pages