

CAST Engineering Dashboard - Source code - Incorrect Source code

Description

This page handles the issue when the source code displayed for an object does not correspond to the object. For example in the below screenshot we can see that the object in violation is FDR_CNF_PKG but the code viewer displays the code for object FDR_CNF_GHP

The screenshot shows the CAST Engineering Dashboard interface. At the top, there is a navigation bar with the text 'STAD' and a URL: 'OpenPortal?added=true&frame=FRAME_PORTAL_VIOLATION_VIEW&fullview=partial&metric=60017&module=284852&numberitemsbyj'. Below the navigation bar is a table with columns 'Act./Excl.', 'Rule Name', 'Object Name', and 'Object Stat'. The 'Rule Name' column contains the text 'Avoid using SQL queries inside a loop'. The 'Object Name' column lists various objects, including 'CONTRACT.PREMIER.FDR_FDC04', 'CONTRACT.PREMIER.FDR_FDC03_SRC', 'CONTRACT.PREMIER.FDR_EM2', 'CONTRACT.PREMIER.FDR_EFG12', 'CONTRACT.PREMIER.FDR_EFG', 'CONTRACT.PREMIER.FDR_DINC_SOURCE', 'CONTRACT.PREMIER.FDR_DINC_FS_ACT', 'CONTRACT.PREMIER.FDR_CST_CRE', 'CONTRACT.PREMIER.FDR_CST_BAF', 'CONTRACT.PREMIER.FDR_CST_ARO', 'CONTRACT.PREMIER.FDR_CNF_PKG', 'CONTRACT.PREMIER.FDR_CNF_PKG', 'CONTRACT.PREMIER.FDR_CNF_GFT', and 'CONTRACT.PREMIER.FDR_CNF_GHP'. The 'Object Stat' column shows values like 'Unchanged High', 'Unchanged Average', and 'Unchanged Extreme'. Below the table is a 'Violation Details' section. It shows 'Violation Info' as 'Added', 'Violated Rule' as 'Avoid using SQL queries inside a loop', and 'Violating Object' as 'FDR_CNF_PKG'. Under 'Violating Object', there is a list of object details: 'Object Name' (FDR_CNF_PKG), 'Object full name' (CONTRACT.PREMIER.FDR_CNF_PKG), 'Object Type' (Oracle function), and 'Object path' (S:\SOURCE\U\delwvResults\WASTCreateFunction.1812.arc). Below this is a section for 'Associated Values' and 'Status'. At the bottom, there is a note: 'Note: the source code currently on display is taken from the most recently generated Snapshot.' and a code viewer showing the source code for 'FDR_CNF_GHP'.

Observed in CAST AIP

Release	Yes/No
8.3.x	✓

Observed on RDBMS

RDBMS	Yes/No
CSS	✓

Step by Step Scenario

1. Compute snapshot.
2. Launch CED.
3. Go to Investigation - Quality Model Drilldown view.
4. Select a violated object.
5. Observe the source code of the violated object.

Action Plan

1. Get the id of the object from the central schema [SQL Queries - CAST Central Base - Queries on Objects - How to get the ID of an object](#)
2. Get the corresponding id from the local schema by running the following on the central schema

```
SELECT site_object_id FROM dss_translation_table
WHERE object_id = <id of the object under central schema>
```

replace <id of the object under central schema> by the id of the object from the local schema

Result sample

243154

3. Check if the object is part of the ghost objects, for this refer to [SQL Queries - CAST Knowledge Base - Queries on objects - Identify and clean up all the ghost objects and ghost projects in your knowledge base](#).
4. If the object is part of ghost objects then perform the following:

- a. Cleanup the ghost objects, for this refer to [SQL Queries - CAST Knowledge Base - Queries on objects - Identify and clean up all the ghost objects and ghost projects in your knowledge base](#)
- b. Take a snapshot without skipping analysis

For investigating the root cause refer to [CMS Snapshot Analysis - Run Analyzer](#)

5. Else If the object is not part of the ghost objects:

- a. Get the project containing the object by running the following on the local schema:

```
select idpro
from objpro
where idobj = <local_object_id>
```

replace <local_object_id> by the id of the object from the local schema.

Result sample

2341

6. Check if the project containing the object is part of the Ghost projects, for this refer to [SQL Queries - CAST Knowledge Base - Queries on objects - Identify and clean up all the ghost objects and ghost projects in your knowledge base](#).
7. If the object is part of the ghost objects then perform the following:
 - a. Cleanup the ghost projects, for this refer to [SQL Queries - CAST Knowledge Base - Queries on objects - Identify and clean up all the ghost objects and ghost projects in your knowledge base](#)
 - b. Take a snapshot without skipping analysisFor investigating the root cause refer to [CMS Snapshot Analysis - Run Analyzer](#)
8. Else If the object is not part of the ghost objects then contact [CAST Technical Support](#) with [Relevant input](#). Support will try to reproduce the issue by following the page [CAST Engineering Dashboard - Information - Source code - Missing Sources - How to reproduce user issues](#)

Notes/comments

Ticket # 3430

Related Pages