

# Enlighten - Information - How to identify and open an object in Enlighten Graphical View

## Purpose

This information page explains how to correctly identify an object in Enlighten. For more information, refer to:

- For CAST 8.3.x: [ENL - Objects](#)

## Applicable in CAST Version

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

## Applicable RDBMS

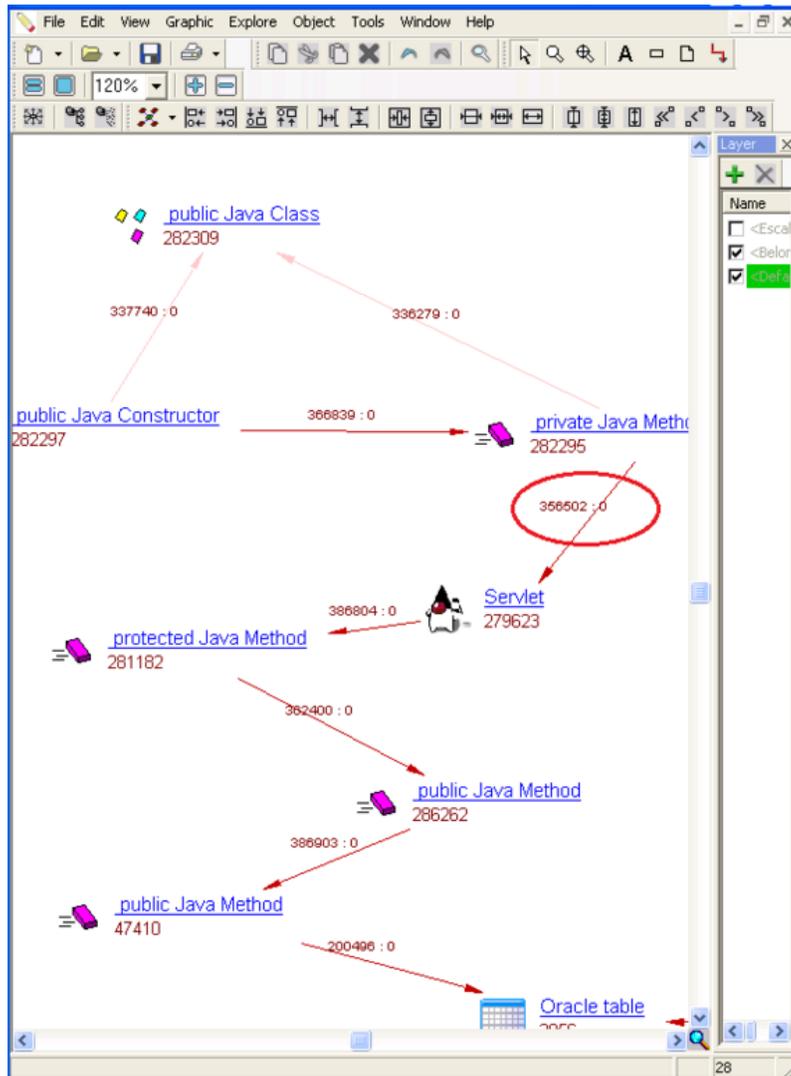
RDBMS	Yes/No
Oracle Server	✓
Microsoft SQL Server	✓
CSS2	✓

## Details

1. Open Enlighten and search for the object in the knowledge base as described in [ENL - Finding/locating objects in the Knowledge Base](#). The search results return objects based on your criteria with regard to the **Object Name, Full Name** and **Type**.
2. Place all objects retrieved from previous step on the Enlighten Graphical View, open the objects properties view as described in [ENL - Viewing properties](#) and retrieve the objects source file path/name.

3. **Retrieve** the ObjectID for each object. There are 2 ways to do this

- Open pgAdmin, [connect](#) to the knowledge base and run the queries found in [SQL Queries - CAST Knowledge Base - Queries on objects - How to get the ID of an object from its object name or full name](#)
- Press CTRL+ALT+SHIFT+D and Zoom button (Zoom down or Up) in Enlighten Graphical View:



4. Using the information from the above steps ( **full name, source code path and object type**) in most cases and technologies you should be able to identify the object. In some object oriented languages (**Java, .C#/VisualBasic,C++ etc**) and due to method overloading this info may not be enough. In these cases more than one object can have the same full name, source code path and object type:

- If you have identified the object, remove all other objects from the Enlighten Graphical View.
- If you still have not identified the object, using the ObjectID obtain the **GUID information** for each object.
  - The object signature in the object GUID contains information concerning the source code file used and the signature of the method with method parameters in the cases of object . Take the below example where we have 2 Java methods referring to the same source code file:

**GUID example**

```
96638 ; "setName" ; "99?com?99?mts?99?mts?99?domain?99?common?99?search?99?xmlobjects?620?s:
/sources/mts/analyzed/mts/src/com/domain/common/search/xmlobjects/input.java?100?Input?
102?setName(99?java?99?lang?100?String,99?java?99?lang?100?Integer)"
19664 ; "setName" ; "99?com?99?mts?99?mts?99?domain?99?common?99?search?99?xmlobjects?620?s:
/sources/mts/analyzed/mts/src/com/domain/common/search/xmlobjects/input.java?100?Input?
102?setName(99?java?99?lang?100?String)"
```

The GUID of the objects is different since it takes into account the different method parameters. In the first case the parameters are String+integer types and in the second just String types. With this info and the source code file you can identify the correct object

- Remove all other objects from the Enlighten Graphical View

**Notes**

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