

# ACH - Working with external objects



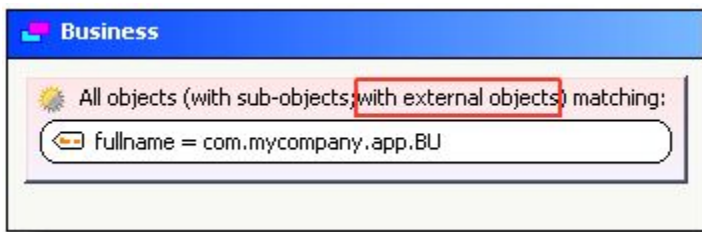
Starting from CAST AIP 8.3.23, **CAST Architecture Checker** will no longer be installed as part of the CAST AIP setup, whether installing CAST AIP from scratch or on a server where a previous release of CAST AIP exists. CAST Architecture Checker has evolved into a **standalone component** where all feature requests and bug fixes are now managed. This standalone component can be downloaded from **CAST Extend** (<https://extending.castsoftware.com/#/search-results?q=archichecker>).

Up-to-date documentation can be found here: [CAST Architecture Checker](#).

## Working with external objects

If you are dragging and dropping identification, types and categories from the [Types and Properties window](#) to the [Main window \(Model tab\)](#) to create your selection criteria, by default, the Architecture Checker will use the basic **All objects matching** criterion. This will match all objects with any of the criteria you add in.

In addition, any **external objects** (i.e. external to the Application) of the matched object(s) will also be assigned to the layer or set (as well as [sub-objects](#)). Including external objects is useful for example if, when a selection criterion matches a Spring bean class, this class will be included in the Layer regardless of whether it belongs to the Application or comes from an external JAR.



If you prefer not to include external objects, you can do two things:

- [Modify existing criteria in a layer or set](#)
- [New empty layer or set](#)

### Modify existing criteria in a layer or set

- Right click the pink criterion section in the layer or set
- Choose **Properties** in the contextual menu
- Untick the **Include external objects** option:

- Click **OK** to complete the operation.

### New empty layer or set

- Right click the empty layer or set
- Choose **Add selection criteria** in the contextual menu
- Untick the **Include external objects** option as above
- Click **OK** to complete the operation.

### Results

Either operation above will result in a criterion that does not include external objects:

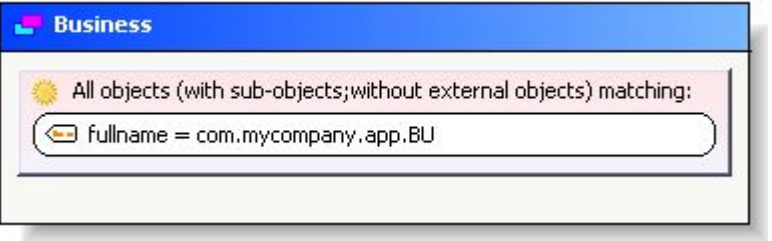
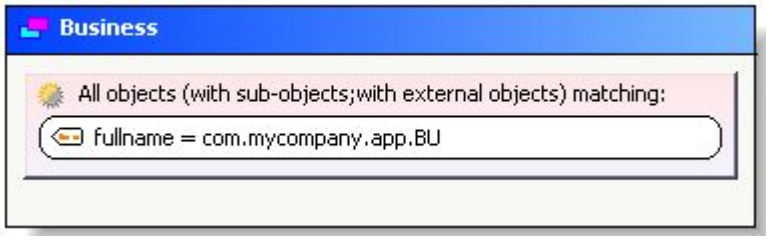
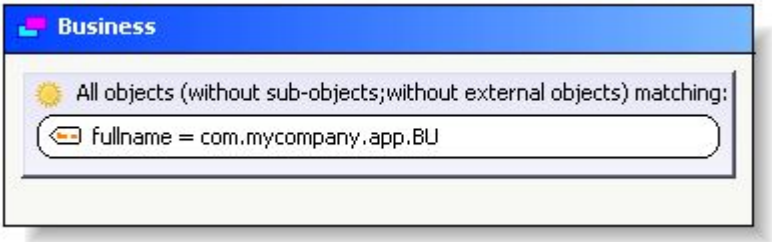
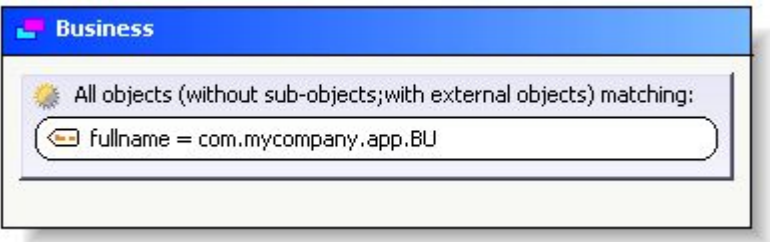
**Business**

All objects (with sub-objects;without external objects) matching:

fullname = com.mycompany.app.BU

### Colours

Depending on the combination of options you choose, the Layer or Set will change colour as follows (note the background colour and the yellow/grey circular icon in the top left of the criterion):

<p>Include sub-objects ticked, Include external objects not ticked</p>	 <p><b>Business</b></p> <p>All objects (with sub-objects;without external objects) matching:</p> <p>fullname = com.mycompany.app.BU</p>
<p>Include sub-objects ticked, Include external objects ticked</p>	 <p><b>Business</b></p> <p>All objects (with sub-objects;with external objects) matching:</p> <p>fullname = com.mycompany.app.BU</p>
<p>Include sub-objects not ticked, Include external objects not ticked</p>	 <p><b>Business</b></p> <p>All objects (without sub-objects;without external objects) matching:</p> <p>fullname = com.mycompany.app.BU</p>
<p>Include sub-objects not ticked, Include external objects ticked</p>	 <p><b>Business</b></p> <p>All objects (without sub-objects;with external objects) matching:</p> <p>fullname = com.mycompany.app.BU</p>