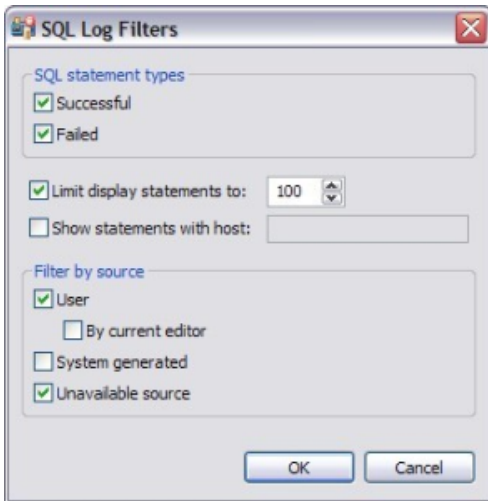


# Filter Logs

Filters can be applied to Problems, SQL Log, and the SQL Errors views to limit searches when troubleshooting and pinpointing specific processes within the system.

## To filter the SQL Log

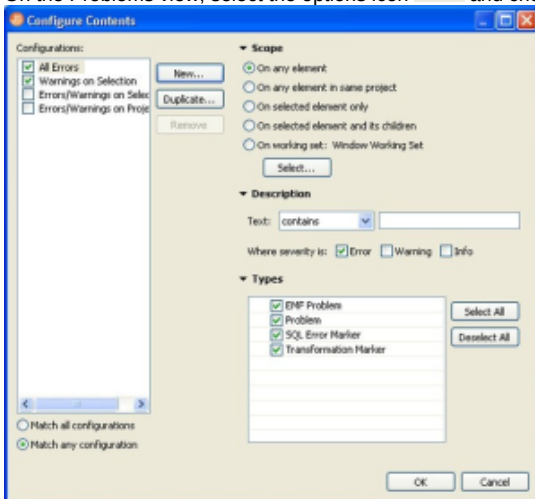
1. On the SQL Log view, select the Toolbar Menu icon  (the downward-pointing arrow in the right-hand corner of the view) and choose Filters. The SQL Log Filters dialog appears.



2. In the SQL Statement Types frame, select **Successful** or **Failed** to filter by the type of Error Log entries.
3. Select **Limit display statements** to indicate a maximum limit of the number of entries displayed in the Error Log, and enter the maximum entry value in the corresponding field.
4. Select **Show statements with host** to indicate that only entries from a specific data source are to be displayed, then type the name of the data source (as it appears in the Database Explorer) in the corresponding field.
5. In the **Filter by Source** pane, specify **User**, **System Generated**, or **Unavailable Source** to filter statements by the type of source from where they originated.

## To view and filter the Problems log

1. On the Main Toolbar, click **Window > Show View > Other > General > Problems**.
2. On the Problems view, select the options icon  and choose **Configure Contents**. The Configure Contents dialog appears.



The Configure Contents dialog enables you to create multiple filter profiles that you can apply to the log by clicking the options icon [ ], clicking Show, and then choosing the filter to apply. The Configurations panel on the left-hand side of the dialog displays all existing filter profiles stored in the Workspace. Selecting a configuration displays its filter parameters, and selecting the check box associated with its name enables the filter in the Problems view (only problems that match the criteria defined in the Filters dialog will appear in the view).

The ability to define different profiles enables the selection of multiple filter profiles. For each profile selected, the profile criterion is applied to the View, concurrently. You can filter problems by:

- Working Set
- Character String
- Problem Severity

- Problem Type
- A combination of the above four filter options

| Profile Criteria | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Working Set      | <p>The options located in the Scope area of the dialog enable you to filter problems based on defined Working Sets. A Working Set is a collection of user-defined Project files that you can organize, as needed, in SQL Query Tuner. Select an option, and then click <b>Select</b> to define a Working Set to which the parameters apply. If no Working Sets exist, you need to define one or more via the New button on the Select Working Set dialog.</p> <p>Select one or more Working Sets to which you want the criteria to apply. If no Working Sets exist, or none suitably match the current filter criteria, click <b>New</b> or <b>Edit</b> to define a new Working Set, or edit an exist Working Set, respectively.</p> |
| Character String | Use the Description list to select contains or doesn't contain, as needed, and type the character string in the field below the list. The Problems view is filtered to only contain, or omit, problem descriptions that fully or partially match the string value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Problem Severity | In the <b>Where severity is</b> area, choose <b>Error</b> , <b>Warning</b> , <b>Info</b> or some combination of the three check boxes. Only entries whose severity matches the check boxes you have selected remain visible in the Problems view.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Problem Type     | The options in the <b>Types</b> list on the right-hand side of the dialog enable you to filter problems by type. For example, deselect <b>Problem</b> to remove any system entries from the view, or deselect <b>SQL Error Marker</b> to remove any SQL code entries from the view.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Once you have defined and/or selected the appropriate filter profiles, the profiles will appear in the **Show** submenu in the Toolbar Menu of the Problems view. Select or deselect the profiles from the submenu, as needed.