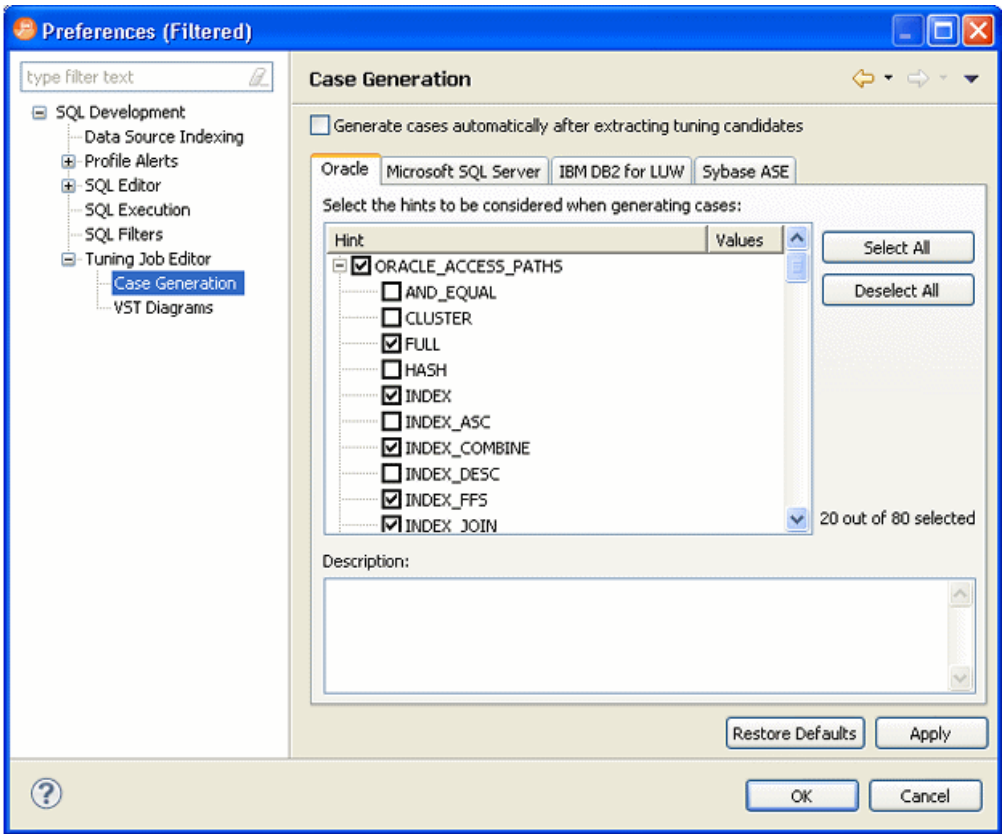


# Specify case generation preferences

Additionally, the Generated Case preference page lets you enable or disable the automatic generation of SQL Optimizer hint-based cases of SQL statements added to a tuning job. It also lets you indicate which specific hint types are generated when the feature is enabled.



Using the SQL Optimization perspective, select **Preferences > Tuning Job Editor > Case Generation**.

Use the Case Generation option automatically after extracting tuning candidates control to enable or disable automatic generation of hint-based cases, and then select the check boxes to specify the hint-based cases that are generated for a statement added to a tuning job.

## About Statement Records

| Column or Column Set     | Description                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SQL Statements and Cases | Identifiers for the generated statement or case: <ul style="list-style-type: none"><li>• <b>Name:</b> Statements are assigned a numbered identifier based on the order in which they were added to a tuning job.</li><li>• <b>Text:</b> An excerpt of the statement or case based on the statement type. For details on how to view the entire statement or case.</li></ul> |
| Cost                     | An explain plan-based cost estimate. This field is populated as soon as the statement is added to the <b>Overview</b> tab.<br><br>This column set can be expanded to display a graphical representation of the cost to facilitate comparisons among cases.                                                                                                                  |
| Index Analysis           | Tuning automatically detects indexes that require optimization and offers you the option to automatically optimize the index. For more information, see <a href="#">Implementing Index Analysis Recommendations</a> .                                                                                                                                                       |
| Elapsed Time             | The execution time during the most recent execution. This column set is not populated until you execute the statement or case.<br><br>This column set can be expanded to display a graphical representation of the elapsed time to facilitate comparisons among cases.                                                                                                      |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other Execution Statistics | <p>Against Oracle datasources, the default, collapsed view has <b>Physical Reads</b> and <b>Logical Reads</b> columns. Expanded, there are also <b>Consistent Gets</b>, <b>Block Gets</b>, and <b>Rows Returned</b>, <b>CPU time(s)</b>, <b>Parse CPU Time(s)</b>, <b>Row Sorts</b>, <b>Memory Sorts</b>, <b>Disk Sorts</b>, and <b>Open Cursors</b> columns.</p> <p>For details on these statistics, refer to your DBMS documentation.</p> <p>This column set is not populated until you execute the statement or case.</p> |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|