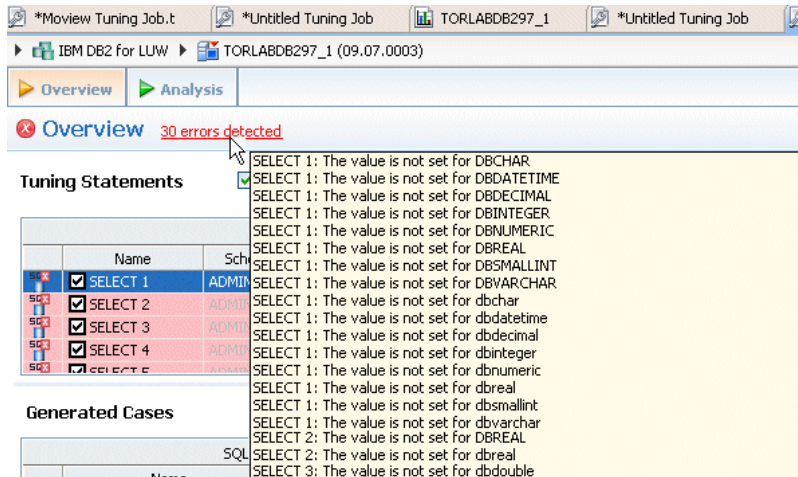


# Managing Bind Variable Errors

When you try to tune a statement containing a bind variable you will be warned that either the type is not set or the value is not set. Mouse over the error to learn what problems were detected.

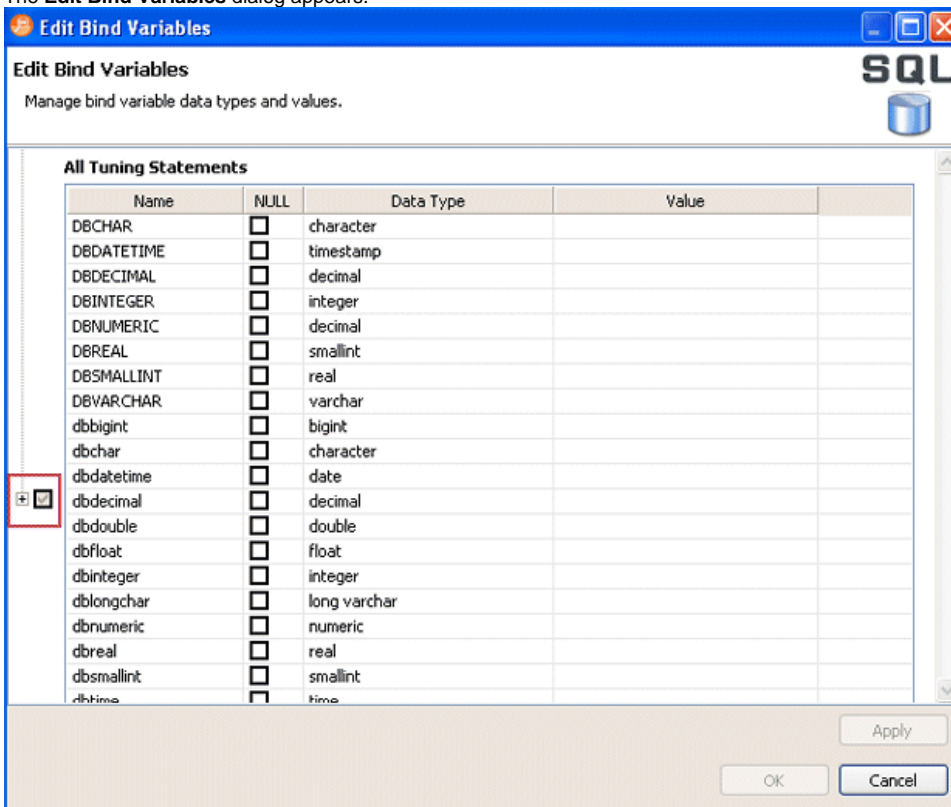


You can use the Bind Variable Editor to set the types or variables.

1. Click the **Edit Bind Variable** icon as shown below.



The **Edit Bind Variables** dialog appears.



You can either set the bind variables for all tuning statements at once or you can set the bind variables for each select statement individually. If you set the bind variable in the All Tuning Statement section, you can still override that setting for an individual select statement.

2. Set the bind variable by clicking the **Null** box, clicking in the **Data Type** column and selecting the data type from the list, or by clicking in the **Value** column and entering the value.
3. If you want to set the bind variable for an individual select statement, click the expand button to see all the select statements. The expand button is marked with a red box in the previous image.

**SELECT 11** ( select from MOVIES.CUSTOMER, MOVIES.MOVIERENTAL )

	Name	NULL	Data Type	Value
<input checked="" type="checkbox"/>	DBCHAR	<input type="checkbox"/>	character	
	dbchar	<input type="checkbox"/>	date	
	dblongchar	<input type="checkbox"/>	integer	
			bigint	
			blob	
			boolean	

In this manner you can set the bind variables from all tuning statements and then override that setting by setting the bind variable for a specific select statement.

You may find it easier to set the bind variables when you can see the tuning statement. In the Generated Cases section, you can double click a statement and an editor appears where you can edit the SQL statement and set the variable data types and values.

Edit Case - SELECT 1

Edit Tuning Statement

Update the SQL statement text as well as manage variable data types/values.

SQL

SELECT
cs.customerid,
cs.firstname,
cs.lastname,
mr.rentalid,
mr.duedate,
mr.totalcharge,
ri.itemnumber
FROM
MOVIES.customer cs,
MOVIES.movierental mr,
MOVIES.rentalitem ri,
(SELECT
DISTINCT
AVG (totalcharge) COL10
FROM MOVIES.movierental) T31
WHERE
cs.FIRSTNAME = dbchar AND
cs.zip > dbvarchar AND
dbsmallint < cs.customerid AND

Name	NULL	Data Type	Value
DBCHAR	<input type="checkbox"/>	character	
DBDATETIME	<input type="checkbox"/>	timestamp	
DBDECIMAL	<input type="checkbox"/>	decimal	
DBINTEGER	<input type="checkbox"/>	integer	
DBNUMERIC	<input type="checkbox"/>	decimal	
DBREAL	<input type="checkbox"/>	smallint	
DBSMALLINT	<input type="checkbox"/>	real	
DBVARCHAR	<input type="checkbox"/>	varchar	
dbchar	<input type="checkbox"/>	character	
dbdatetime	<input type="checkbox"/>	date	
dbdecimal	<input type="checkbox"/>	decimal	
dbinteger	<input type="checkbox"/>	integer	
dbnumeric	<input type="checkbox"/>	numeric	

Apply

OK

Cancel

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