

**DBPLUS**  
better performance

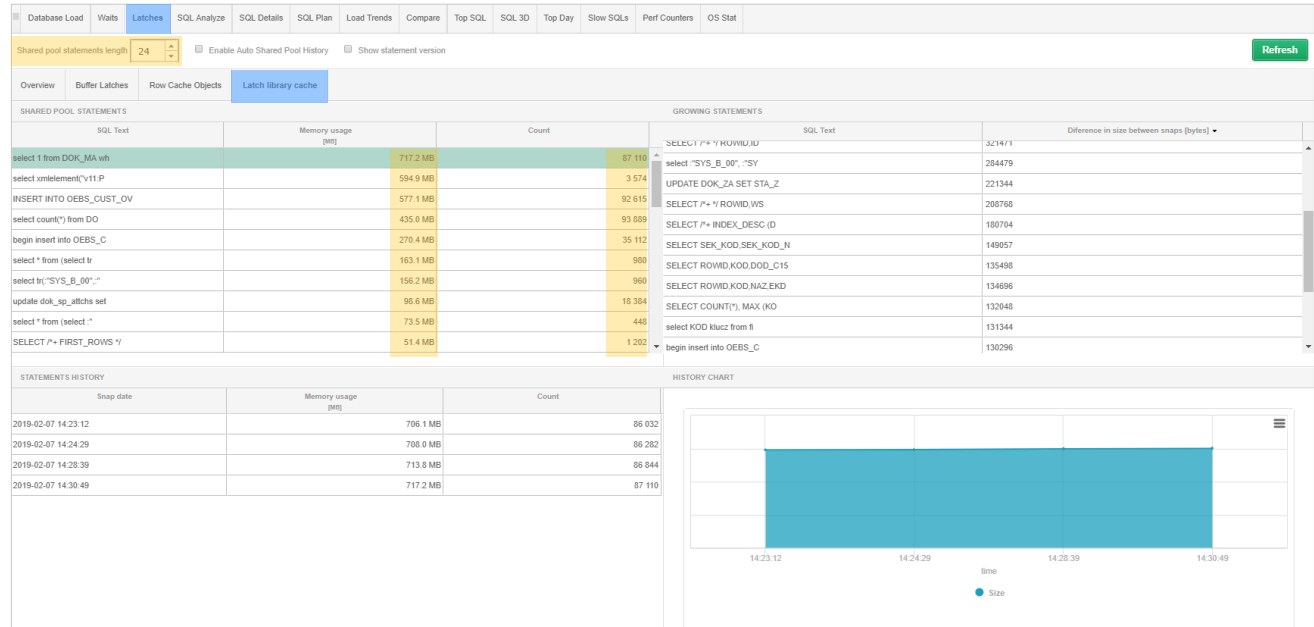
Performance Monitor for Oracle

Latch Library cache

# Latch Library cache

This module allows you to check which queries are causing latches to be generated in the **SHARED\_POOL** buffer.

You can check which queries occupy the most **space** and how many **versions** of the query are stored in the memory buffer.



# Analysis of literals

After selecting the **Show statement version** option, we receive the full text of queries.

In this way, we quickly find queries with **literals** that have to be changed into **binding variables**, thus eliminating the problem of a high level of **latches**.

The screenshot shows the Oracle Enterprise Manager interface for the 'Latches' page. The 'Show statement version' checkbox is checked. Below this, the 'Latch library cache' tab is active, displaying a table of 'SHARED POOL STATEMENTS' and a 'STATEMENTS' list. The 'SHARED POOL STATEMENTS' table has columns for SQL Text, Memory usage (MB), and Count. The 'STATEMENTS' list shows the full SQL text for each statement, with the first one highlighted in yellow. Below the table, there is a 'STATEMENTS HISTORY' table and a 'HISTORY CHART' showing a bar chart of memory usage over time.

SQL Text	Memory usage (MB)	Count
select 1 from DOK_MA wh	733.1 MB	90 268
INSERT INTO OEBS_CUST_OV	582.3 MB	92 911
select xmlelement('H1P	555.5 MB	3 226
select count(*) from DO	440.1 MB	98 759
begin insert into OEBS_C	281.0 MB	36 790
select * from (select fr	167.7 MB	1 005
select fr:"SYS_B_00";"	160.9 MB	908
update dok_sp_attchs set	90.5 MB	16 600
select * from (select "	75.6 MB	462
SELECT *+ FIRST_ROWS *)	52.4 MB	1 202

STATEMENTS HISTORY	Memory usage (MB)	Count
2019-02-07 14:23:12	706.1 MB	86 032
2019-02-07 14:24:29	708.0 MB	86 282
2019-02-07 14:28:39	713.8 MB	86 644
2019-02-07 14:30:49	717.2 MB	87 110
2019-02-07 14:51:43	733.1 MB	90 268

The HISTORY CHART shows a bar chart of memory usage over time, with the x-axis labeled 'time' and the y-axis labeled 'Size'. The bars represent the memory usage at different time intervals: 14:23:12, 14:24:29, 14:28:39, 14:30:49, and 14:51:43. The size of the bars increases over time, indicating a growing memory footprint.

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Thank you

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