

[http://docs.oracle.com/cd/B19306\\_01/server.102/b14211/sqltrace.htm#BABHFADB](http://docs.oracle.com/cd/B19306_01/server.102/b14211/sqltrace.htm#BABHFADB)

Oracle Tracing Methodology

<http://www.gokhanatil.com/2011/05/tracing-oracle-sessions.html>

Note : Only for DBAs in Production!!!

[https://oracle-base.com/articles/misc/sql-trace-10046-trcsess-and-tkprof#generating\\_sql\\_trace\\_files](https://oracle-base.com/articles/misc/sql-trace-10046-trcsess-and-tkprof#generating_sql_trace_files)

Grant ALTER SESSION system privilege to user

Point and Click generation of Trace File

Lab128 Paid Version

Method-R Trace program

Tracing own session with 10046 trace

Tracing other sessions

```
select status, sid, serial#,
sql_trace from
v$sql_session where
username = 'SCOTT';
```

```
ALTER SESSION SET timed_statistics = TRUE;
ALTER SESSION SET statistics_level=ALL;
ALTER SESSION SET EVENTS '10046 trace name context forever,level 12';
```

```
DBMS_MONITOR.SESSION_TRACE_ENABLE(
session_id => x, serial_num => y,
waits=>(TRUE|FALSE), binds=>(TRUE|FALSE) );
```

sql or p\sql code

sql or p\sql code

```
ALTER SESSION SET EVENTS '10046 trace name context off';
```

```
DBMS_MONITOR.SESSION_TRACE_DISABLE(
session_id => x, serial_num => y );
```

<https://avdeo.com/2009/05/27/understanding-sql-trace-file-oracle-database-10g/>

Trace file generated in : user\_dump\_dest

Output format : [http://www.adp-gmbh.ch/ora/misc/trace\\_file\\_format.html](http://www.adp-gmbh.ch/ora/misc/trace_file_format.html)

Trace file profiling using

Toad Trace file viewer

Method-R Profiler (Commercial)

TKPROF (free , built-in)

orasrp (free , <http://oracledba.ru/orasrp/>)

```
SELECT
S.LAST_ACTIVE_TIME,
S.MODULE,
S.SQL_FULLTEXT,
S.SQL_PROFILE,
S.EXECUTIONS,
S.LAST_LOAD_TIME,
S.PARSING_USER_ID,
S.SERVICE
FROM
SYS.V_$SQL S,
SYS.ALL_USERS U
WHERE
S.PARSING_USER_ID=U.USER_ID
AND UPPER(U.USERNAME) IN ('HR')
ORDER BY S.LAST_ACTIVE_TIME desc;
```

<http://stackoverflow.com/questions/148648/oracle-is-there-a-tool-to-trace-queries-like-profiler-for-sql-server>

[http://www.petefinnigan.com/ramblings/how\\_to\\_set\\_trace.htm](http://www.petefinnigan.com/ramblings/how_to_set_trace.htm)