

# extend v\$diag\_trace\_file\_contents so multiple chunks of a line can be ordered

If a tracefile has lines longer than 4000 byte, at the moment (19.7) the line is broken down into several pieces.

In this example, the PARSING IN CURSOR is real line 219.

all following lines belong to line 220 of the file - but all except the last are shown as line 219.

```
select trace_filename, line_number, section_id, timestamp, record_level, parent_level, record_type, payload from v$diag_trace_file_contents
where trace_filename = 'cdb1_ora_14355.trc' and line_number between 210 and 230
order by line_number, timestamp
/
```

TRACE_FILENAME	LINE_NUMBER	SECTION_ID	TIMESTAMP	RECORD_LEVEL	PARENT_LEVEL	RECORD_TYPE	PAYLOAD
cdb1_ora_14355.trc	218		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 =====
cdb1_ora_14355.trc	219		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 PARSING IN CURSOR #139
cdb1_ora_14355.trc	219		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 select payload from v\$
cdb1_ora_14355.trc	219		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 8579.trc' and trace_fi
cdb1_ora_14355.trc	219		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 nd trace_filename = 'o
cdb1_ora_14355.trc	219		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 lename = 'orcl_m002_18
cdb1_ora_14355.trc	219		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 rcl_m002_18579.trc' an
cdb1_ora_14355.trc	220		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 579.trc' and trace_fil
cdb1_ora_14355.trc	221		0 25-MAY-20 06.34.56.080000000 PM GMT	0	0		1 END OF STMT
cdb1_ora_14355.trc	222		0 25-MAY-20 06.34.56.081000000 PM GMT	0	0		1 PARSE #139963692572672

Unfortunately there is no way to order these lines.

The underlying x\$dbgtrview has an column INDX which can be used, if externalized.

Beside fixing the wrong line number for all but the last chunk, I suggest an additional column to order the chunks of a line.

To give proper credits This observation was done by [Jeff Holt](#).