

# Local Data Area View Description

In the following table, all fields are listed and described in the order in which they appear in the local data area L-NMHIST. The actual file listing follows the table.

D in the DE column indicates that the field is a descriptor. A format indicator followed by a numeric field length is found in the Format/Length column. Possible format indicators include A (alphanumeric), B (binary), and N numeric.

Lvl Field	DE	Format/Length	Description
1 REVIEW-NM-FILE-VIEW			View name to be used when reading the Natural Monitor repository file.
2 CONTROL-FIELDS			History record control fields group name.
3 NM-SUBSYSTEM		A2	Natural Monitor subsystem type. Response time subsystem history records have a NM-SUBSYSTEM value of RT.
3 NM-DATE-SAVED		N8.0	For RT subsystem history reports this field contains the date (in YYYYMMDD format) that the record was saved.
3 NM-TIME-SAVED		N6.0	For RT subsystem history reports this field contains the time (in HHMMSS 24-hour format) that the record was saved.
3 NM-DATE-COMPLEMENT		N8.0	For RT subsystem history reports this field contains the twos-complement of the date that the record was saved.
3 NM-TIME-COMPLEMENT		N6.0	For RT subsystem history reports this field contains the twos-complement of the time that the the record was saved.
3 NM-SORT-FLD		A32	For RT subsystem history reports this field contains the report name for which the record was saved.
3 NM-SEQ		B2	For RT subsystem history reports this field contains the record sequence number for the record that was written. A value of 1 in this field denotes that the record is a response time interval record (corresponding to the VW and VH display). A value greater than 1 in this field denotes the record sequence number for detailed records.
2 NM-RECORD-TYPE		B4	This field is not currently used.
2 RESPONSE-TIME-SUBSYSTEM			Response time subsystem fields group name.

The following fields refer to response time subsystem report definitions (ER (edit report) command):

Lvl Field	DE	Format/ Length	Description
3 RT-REPORT-NAME		A32	Report name.
3 RT-DEF-INTERVAL		B2	Graphing interval parameter.
3 RT-DEF-THRESHOLD		B2	Response time threshold at which a detail record is to be created.
3 RT-DEF-MAX-DETAIL		B2	Number of detail records to be retained.
3 RT-DEF-WRAP-OPTION		A4	Detail record wrapping option.
3 RT-DEF-TS-OPTION		A4	Transaction summary record option.
3 RT-DEF-AUTOSTART		A1	Autostart indicator.
3 RT-DEF-HISTORY-INTERVAL		N3.0	History interval (in minutes).
3 RT-DEF-USERID		A8	User ID selection criterion.
3 RT-DEF-PGMNAME		A8	TP transaction program name selection criterion.
3 RT-DEF-NATAPPL		A8	Natural application selection criterion.
3 RT-DEF-NATPGM		A8	Natural program selection criterion.
3 RT-DEF-HISTORY-REFRESH		A1	History refresh indicator.

The following fields refer to response time subsystem interval data historical records (VW and VH (view and view horizontal) commands):

Lvl Field	DE	Format/ Length	Description
3 RT-VW-START-DATE		A8	Start date for interval data historical record (for DATE=OLD in YY/MM/DD format; for DATE=NEW in YYYYMMDD format).
3 RT-VW-START-TIME		A8	Start time for interval data historical record (in HH:MM:SS 24-hour format).
3 RT-VW-THRESHOLD		B4	Interval threshold specified.
2 RT-VW-DATA			Periodic group for interval data historical record.
3 RT-VW-INTERVAL		B4(1:11)	MU containing the intervals for which the interval data historical record was created.
3 RT-VW-TRANS		B4(1:11)	MU containing the number of transactions for each interval.
3 RT-VW-ACALLS		B4(1:11)	MU containing the number of database calls for each interval.

The following fields refer to response time subsystem detailed transaction historical records (VD (view detail) command):

<b>Lvl Field</b>	<b>DE</b>	<b>Format/ Length</b>	<b>Description</b>
2 RT-VD-USERID		A8	TP system user ID.
2 RT-VD-TERMINAL-NAME		A8	TP system terminal name for RT subsystem historical detailed record.
2 RT-VD-NATURAL-UID		A8	Natural user ID (*USER).
2 RT-VD-PROGRAM		A8	TP system transaction program name.
2 RT-VD-TRANS-ENDTIME		A8	The transaction end time (in HH:MM:SS 24-hour format).
2 RT-VD-TRANS-NUMBER		B4	The TP system transaction number.
2 RT-VD-ADABAS-CALLS		B4	The total number of database calls issued.
2 RT-VD-ADABAS-CALLS-TR		B4	The total number of database calls issued for which Natural Monitor has been able to calculate a database elapsed time.
2 RT-VD-TOTAL-ELAPSE-TIME		B4	The total database elapse time (in milliseconds) for all database calls issued.
2 RT-VD-TOTAL-COMMAND-TIME		B4	The total database command time (in units of 16 microseconds) for all all database calls issued.
2 RT-VD-RSP-TIME		B4	The response time (in milliseconds).
2 RT-VD-CPU-TIME		B4	This field is not currently used.
2 RT-VD-HIGH-CMD		A2	The database command issued by the Natural program that had the highest database command time.
2 RT-VD-HIGH-DBID		B2	The database ID accessed by the Natural program that had the highest database command time.
2 RT-VD-HIGH-FNR		B2	The database FNR accessed by the Natural program that had the highest database command time.
2 RT-VD-HIGH-STMT		B3	The Natural statement number that generated the database command within the Natural program that had the highest database command time.
2 RT-VD-HIGH-LEVEL		B1	The Natural call level of the the Natural program that had the highest database command time.
2 RT-VD-THREAD-NUMBER		B1	The Natural thread number that was used by the Natural transaction.
2 RT-VD-HIGH-ADABAS-CALLS		B4	The total number of database calls issued by the Natural program that had the highest database command time
2 RT-VD-HIGH-NATURAL-LOADS		B4	The total number times the Natural program that had the highest database command time was loaded.
2 RT-VD-HIGH-ELAPSE-TIME		B4	The database elapsed time for the Natural program that had the highest database command time.
2 RT-VD-HIGH-COMMAND-TIME		B4	The database command time for the Natural program that had the highest database command time.

The following fields are superdescriptors used to read the Review Natural Monitor repository file:

<b>Lvl Field</b>	<b>DE</b>	<b>Format/ Length</b>	<b>Description</b>
2 NM-KEY	D	A50	Primary search key superdescriptor for reading the Natural Monitor repository file.
2 NM-KEY-2S	D	A50	Secondary twos-complement search key superdescriptor for reading the Natural Monitor repository file.
2 NM-KEY1	D	A48	Internal use search key superdescriptor for reading the Natural Monitor repository file.
2 NM-KEY1-2S	D	A48	Internal use search key superdescriptor for reading the Natural Monitor repository file.
2 NM-KEY2-2S	D	A16	Internal use search key superdescriptor for reading the Natural Monitor repository file.