

LOLA's [Database] Rules¹

DATABASE	SEG[MENT] NAME	RULES ² (ISRT, DLET, REPL)	
RR001A	RAPROOT	PLP	LP
	RATADDR	VVP	LC
	RAPSING	PLP	LP
	RATNAME	VVP	LC
	RAPSINRB	PLP	LP
	RATRBNM	VVP	LC
	RATSUBRB	PLP	
	RATSUBNM	VVP	
RR003A	RSPROOT	PLP	
	RSTNAME	VVP	
	RSTAROOT	VVP	uni[directional?]
RX001A	XPPROOT	PLP	
	XPPPROP1	PLP	
	XPTRASST	VVP	
	XPTRSCH	VVP	
	XPTRPAYR	VVP	
	XPTCOMBK	VVP	
	XPTSTRAL ³	VVP	
RX002A	XNPROOT	PLP	
	XNTRACCT	VVP	
	XNTRSIR	VVP	
	XNTRSUR	VVP	
	XNTRSCH	VVP	
	XNTALIAS	VVP	

i.e. all LP [are] PLP
LC [are] VVP

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- 1 [This document is undated and unattributed but is likely to be 1970-75 and by Alan E Cooper, then Database Administrator at LOLA.]
- 2 [The insert, delete, and replace rules in the physical DBD determine how updates apply across logical relationships and are specified by the letters P=Physical, L=Logical and V=Virtual. LP is refers to Logical Parent and LC to Logical Child. This is only stated on the first 6 segments but would apply to the other segments as well. See https://www.ibm.com/support/knowledgecenter/SSEPH2_13.1.0/com.ibm.ims13.doc.dag/ims_chooselogrel.htm for an example. 2016 note.]
- 3 [Should be XPTSTAC according to *Experiences in Using IMS 2 Appendix A/1 [Figure 8]*. 2016 note.]