

# MAXROLL - Number of CMROLL Calls Before Roll-Out

This Natural profile parameter is for mainframes and applies under Complete and CICS only.

It determines the number of CMROLL calls after which a roll-out of the Natural thread is to be performed.

<b>Possible settings</b>	0 - 32767	Number of CMROLL calls.  MAXROLL=0 indicates that no conditional CMROLL requests are issued.
<b>Default setting</b>	128	
<b>Dynamic specification</b>	YES	
<b>Specification within session</b>	NO	

The MAXROLL parameter can be used to control the frequency of conditional CMROLL requests. For example, MAXROLL=128 means that a conditional CMROLL request is issued after every 128th statement at compilation.

In certain cases, the Natural nucleus issues a conditional CMROLL request (wait time = 0), particularly at compilation after each statement. This is done to reset the CPU time window (under Complete) in order to avoid an automatic cancel due to the CPU time limit being exceeded; however, this has a negative impact on performance.