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1  PROGRAM ReadCPUTemp
2  VAR
3      command1 : STRING := '/opt/vc/bin/vcgencmd measure_temp' ;
4      command2 : STRING := 'cat /proc/cpuinfo' ;
5      stdout   : STRING ( 2000 ) := '' ;
6      Result   : RTS_IEC_RESULT ;
7      xExecuteSysP : BOOL ;
8      xshowCPUInfo : BOOL ;
9  END_VAR
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12  //Attention: allow shell commands in CODESYSControl.cfg
13  IF xshowCPUInfo THEN
14      command1 := command2 ;
15  ELSE
16      command1 := '/opt/vc/bin/vcgencmd measure_temp' ;
17  END_IF
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19  IF xExecuteSysP THEN
20      xExecuteSysP := FALSE ;
21      SysProcess . SysProcessExecuteCommand2 ( pszCommand := command1 , pszStdOut :=
22      stdout , udiStdOutLen := SIZEOF ( stdout ) , pResult := ADR ( Result ) ) ;
23  END_IF
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