Abstract

In a printer driver 11, a source code for an image processing procedure called out by an application program is generated. A grain size detection process 48 counts the number of procedures which have been called out and a parallelization position detection process 49 checks whether each procedure called out is attended with pixel generation or not and whether the procedure depends on the preceding procedure or not. While calling-out of procedures not dependent on the preceding procedure is continued, source codes for those procedures are accumulated in a buffer 60. Whenever a procedure attended with pixel generation is called out, the printer driver 11 outputs a set of source codes accumulated in the buffer 60 in a description of a complex sentence indicating a parallel processing unit in accordance with the grammar of a parallel sentence structure as long as the aforementioned count value reaches the grain size of a preliminarily set unit of parallel processing. Accordingly, a source code containing parallel executable portions is outputted in accordance with the grammar of page description language.

This Sheet Has Been Replaced

