METHOD FOR USING A DATA FLOW NET TO SPECIFY AND ASSEMBLE COMPUTER SOFTWARE

ABSTRACT

A method for specifying computer software called the Data Flow Net ("DF Net") which enables the reusability of portions of the software. Computer software is specified by combining sets of code fragments which implement some coherent functionalities. A method to represent a set of code fragments is provided. A method for combining sets of code fragments specified according to the DF Net method is described. A method for transforming software specified according to the DF Net method into executable instructions is further provided.

(Figure 3B)