ess control and business software.

[0190] Since the software structure which is induced by this invention is determined theoretically, it is recurrent and becomes the one and only. As a result, the software developed is not a black box any more, thereby eliminating human errors from the quality viewpoint, so that the system becomes stiff with the clear structure. Therefore, not only an exact estimate of software development is made possible development but also planning and the development management can be performed with ease.

[0191] Fig. 45 shows its effects. Compared with the traditional method, the development period is shortened by 1/2 to 1/10; the total development volume is compressed by 20% to 80%; the maintainability increases by 40 to 100 times; and the working efficiency is enhanced by 40 to 100 times.

[0192] In the traditional software, definitives comprised of screens, vouchers and files take up 30% and their logic takes up 70% of the whole software developed, thereby necessitating a document respectively. However, in this invention, the homogeneity map which is corresponding to the above-mentioned logic in the traditional method does not require a document, so that it can cut the volume of documents by 70% compared with that of the traditional method.

Claims

1. The software production method comprising the following steps:

   the step to determine a definitive identifier which is a screen necessary to the software to be produced;
   the step to sort out words existing in said definitive identifier;
   the step to create the homogeneity map in which all pallets necessary to the software have been plot in accordance with the process flow based on the definitive identifier;
   the step to determine necessary files based on the sorted-out words and the created homogeneity map;
   the step to create first tense control vectors which execute screen editing or file editing, second tense control vectors which determine the homogeneity route, and third tense control vectors which execute file updating for all the sorted-out words;
   the step to create three kinds of the pallets which are made by binding the first, second and the third tense control vectors per screen unit, respectively, and to create pallet functions which execute each of the tense control vectors with autonomous significance inside each of the pallets; and
   the step to assemble the three kinds of the pallet functions into a pallet chain function having the structure of transmitting a screen based on the pallet function concerned with the first tense control vector, receiving the screen to execute the pallet function concerned with the second tense control vector, and determining, in accordance with this execution result, one homogeneity route from the plural homogeneity routes taking at least one homogeneity route for executing the pallet function concerned with the third tense control vector.

2. The processing apparatus comprising:

   first means for possessing a first tense control vector to execute screen editing or file editing which is to be created for all words existing in the screen necessary to the software to be produced, a second tense control vector to determine the homogeneity route, and a third tense control vector to execute file updating;
   second means for executing each of the tense control vectors with autonomous significance inside each of three kinds of pallets which are made by binding the first, the second and the third tense control vectors per screen unit, respectively; and
   third means for transmitting a screen based on the execution of the second means concerned with the first tense control vector, receiving the screen to execute the second means concerned with the second tense control vector, and determining, in accordance with this execution result, one homogeneity route from the plural homogeneity routes taking at least one homogeneity route for executing the second means concerned with the third tense control vector.

3. The recording medium on which a program is recorded, said program comprising;

   first means for possessing a first tense control vector to execute screen editing or file editing which is to be created for all words existing in the screen necessary to the software to be produced, a second tense control vector to determine the homogeneity route, and a third tense control vector to execute file updateing;
   second means for executing each of the tense control vectors with autonomous significance inside each of three kinds of pallets which are made by binding the first, the second and the third tense control vectors per screen unit, respectively; and
   third means for transmitting a screen based on the execution of the second means concerned with the first