

What is claimed is:

1. A compression and translation server, comprising:

a mapping processing device, equipped with the following functions, which
 5 comprise: reading accumulation log information output by a computer
 device group which has become an object; extracting a date and time, a
 user, a server, an object and a detail from the accumulation log
 10 information, to arrange on a log information table in a memory; using
 an operation master which associates a detail of the log information with
 an operation corresponding to human's operation, to attach the
 operation associated with the operation master to a detail from the log
 information table, in order to analyze the accumulation log information
 which is read according to time series;

a first processing device, according to the same row of the user, the server, and
 15 the object from the log information table, while excluding a part of the
 row from the log information table by checking an appearing pattern
 against a rule master, compressing the same operation within a constant
 time into one, combining a plurality of combinations of the operations
 from the log information table into one operation, and outputting as
 access log data; and

20 a pass 4 processing device, translating the access log data into natural language.

2. The compression and translation server as claimed in claim 1, whereby
 excluding the part of the row from the log information table by checking the appearing
 pattern against the rule master according to the same row of the user, the server, and
 the object form the log information table, comprising:

25 a pre-pass processing device, equipped with the following functions, which
 comprise: from a log information which is arranged on the log
 information table of the memory, expanding the user, the server, the
 object as a summary at other memory regions which are different from

the log information table, utilizing the expanded summary to make the row of same user, same server and same object of a plurality of rows which cover the log information as the only assembly; and

a pass 1 processing device, equipped with the following functions, which
5 comprise: checking the assembly against the rule master which is associated with a basic sequence and a combination of the continuing sequence of the basic sequence; in cases where the detail of the appearing pattern from the assembly matches the combination of the sequence from the rule master, setting the row from the log information
10 table which is matched with other basic sequence to be out of processing.

3. The compression and translation server as claimed in claim 1, whereby compressing the same operation within the constant time into one operation, combining the plurality of combinations of the operations from the log information table into one
15 operation, and outputting as the access log data, comprising:

a pass 2 processing device, equipped with the following functions, which
 comprise: utilizing the date and time from the log information table
 putput by the pass 1 processing device, determining the log information
 generated at a constant time, calculating and organizing the same
20 operation in the constant time, converting the

operation record of the rows into the operation record of one row, and selecting useful operation record, and

a pass 3 processing device, equipped with the following functions, which comprise:

- 5 by utilizing the pass 2 processing device, scanning the selected log information table according to the time sequence, in cases where the pattern of the operation within the row of the same user , the same server and the same object matches the pattern of a plurality of slave operations within the operation master which associating the basic operation with the
- 10 plurality of slave operations, among the plurality of matched operations, selecting a low priority operation, absorbing and compressing the low priority operation into a specific operation, and outputting as the access log data.