Abstract

Provided is an efficient mobile agent that requires only a short processing time and that can reduce to the minimum the employment of other resources.

According to the present invention, a template is provided by which complicated activities performed by a mobile agent are sorted into basic activity patterns. The template is linked to the execution of an activity that occurs at a place before any movement is initiated and to the execution of an activity that occurs after a movement causes. In accordance with its type, the template defines an instruction to be executed before and after a movement, and transmits it to the mobile agent. In response to the instruction, the mobile agent prepares a clone, moves to another place, or fuses clones. In addition, a plan object held in the mobile agent specifies the sequential order for the execution of templates and activities.