apparatus 800 comprises: an obtaining module 802, a first determination module 804, a second determination module 806, and a sending module 808.

[0110] The obtaining module is used for obtaining, by a first processor, at least one piece of target identification information to be queried; the first determination module is used for determining, by the first processor, a second processor corresponding to the at least one piece of target identification information, wherein the second processor is used for obtaining a target query result corresponding to the at least one piece of target identification information; the second determination module is used for determining, by the first processor, a target communication mode for the second processor based on a deployment relationship between the first processor and the second processor, wherein the deployment relationship is used for indicating whether the first processor and the second processor are deployed on the same physical machine; and the sending module is used for sending, by the first processor, the at least one piece of target identification information to the second processor through the target communication mode.

[0111] It should be explained here that the above obtaining module, determination modules ~~100~~ and sending module ~~102~~ correspond to the steps S202 to S208 in Embodiment 1. The examples and application scenarios implemented by the four modules are the same as by the corresponding steps, but are not limited to the content disclosed in the above Embodiment 1. It should be explained that the above modules as a portion of the apparatus may run in computer terminal 10 provided in Embodiment 1.

[0112] Optionally, the second determination module comprises: a first determination unit and a second determination unit.

[0113] The first determination unit is used for determining that the target communication mode is the first communication mode in response to the deployment relationship being that the first processor and the second processor are deployed on the same physical machine; and the second determination unit is used for determining that the target communication mode is the second communication mode in response to the deployment relationship being that the first processor and the second processor are deployed on different physical machines; wherein the first communication mode is used for characterizing a communication mode in which communication is performed

processing for the plurality of pieces of target identification information to obtain processed target identification information.

[0146] By employing the embodiments of the present invention, there is provided a solution of communication between processors. First, a first processor may obtain at least one piece of target identification information to be queried; the first processor determines a second processor corresponding to the at least one piece of target identification information, wherein the second processor is used for obtaining a target query result corresponding to the at least one piece of target identification information; the first processor determines a target communication mode for the second processor based on a deployment relationship between the first processor and the second processor, wherein the deployment relationship is used for indicating whether the first processor and the second processor are deployed on the same physical machine; and the first processor sends the at least one piece of target identification information to the second processor through the target communication mode, so as to improve query efficiency by improving communication speed between the processors. It is easy to notice that by means of the target communication mode for the second processor as determined by the deployment relationship between the first processor and the second processor, communication links in physical machines may be fully utilized to communicate the processors located in the same physical machine, thereby improving the speed of communication between the processors in the same physical machine. Meanwhile, it is possible to alleviate occupancy of network resources among different physical machines, thereby improving the communication speed of processors located among different physical machines, and then solving the technical problem in the related art that the query efficiency of querying the target identification information is reduced due to low efficiency of communication between the processors.

[0147] Those of ordinary skill in the art may understand that the structure shown in FIG. 9 is only illustrative, and the computer terminal may also be a smart phone (e.g., an Android phone, an iOS phone, etc.), a tablet computer, a palm computer, and a mobile internet device (MID), a PAD or other terminal devices. FIG. 9 is not a limitation to the structure of the above electronic apparatus. For example, computer terminal ~~9~~ A may also include more or fewer components than those shown in FIG. 9 (e.g., a network interface, a display apparatus, etc.), or have a configuration different from that shown in FIG. 9.