

scanning files in the scan queue according to the scanning progress;

wherein, after scanning of one file is finished, searching for a node where the file is located in the tree structure, setting an attribute of the node where the file is located as SCANNING FINISHED, and after scanning of all files and sub-directories under one directory is finished, setting an attribute of a node where the directory is located as SCANNING FINISHED.

22. The non-transitory computer-readable medium according to claim 21, wherein the step of recording a scanning progress of the current virus scanning comprises:

upon ending of the current virus scanning, according to the tree structure, recording attributes of each directory enumerated or traversed during the current virus scanning and whether the directory has been scanned, recording attributes of each file enumerated or traversed during the current virus scanning and whether the file has been scanned, recording whether the scanned file is a risk file, and when the file is a risk file, recording a risk name and a hash value of the file.

23. The non-transitory computer-readable medium according to ~~claim 5~~claim 21, wherein the method, after the step of beginning the current virus scanning according to the scanning progress, further comprises:

deleting all files and sub-directories under the node where the directory is located labeled as SCANNING FINISHED.

24. The non-transitory computer-readable medium according to ~~claim 1~~claim 17, wherein the method, after the step of detecting the status of the system, further comprises:

when the system status is busy, if the current virus scanning does not begin, waiting for the current virus scanning, and if the current virus scanning has begun, reducing the speed of the current virus scanning, and when system statuses detected within a first predetermined time are all busy, stopping the current virus scanning, and recording a scanning progress of the current virus scanning.