

Claims

1. A method for detecting virus of an installation package, comprising:
unpacking an installation package, and caching description information obtained by unpacking the installation package;
receiving a virus detection startup instruction, and reading the cached description information;
analyzing the installation package according to read description information, and determining whether there is a virus in the installation package.

2. The method according to claim 1, wherein, unpacking the installation package comprises:

creating an Active Object about unpacking;

scheduling the Active Object, performing installation package path scanning, and reading description information of an installation package obtained by unpacking the installation package.

3. The method according to claim 2, wherein, before scheduling the Active Object, further comprising:

determining whether current resource is in an idle state, when current resource is in an idle state, performing the scheduling the Active Object.

4. The method according to claim 3, wherein, the determining whether current resource is in an idle state comprises:

determining whether current resource occupancy rate is less than or equal to a set value, when current resource occupancy rate is less than or equal to a set value, determining that current resource is in an idle state.

5. The method according to claim 4, wherein, the current resource occupancy rate comprises:

CPU occupancy rate or memory occupancy rate.

6. The method according to any one of claims 1 to 5, ~~wherein, the description comprises after receiving a virus detection startup instruction, and before reading the cached description information, further comprising:~~

~~an installation package name, a manufacture certificate, a Union Identification (UID), an installation package version number and a file size~~

determining whether there is cached description information;

when there is cached description information, performing the reading the cached description information;

when there is not cached description information, unpacking the installation package, analyzing the installation package according to description information obtained by unpacking the installation package, and determining whether there is a virus in the installation package.

7. A device for detecting virus of an installation package, comprising: an unpacking unit, an instruction processing unit and an analyzing unit;

the unpacking unit is configured to unpack the installation package, and cache description information obtained by unpacking the installation package;

the instruction processing unit is configured to receive a virus detection startup instruction, read cached description information from the unpacking unit, and transmit the description information to the analyzing unit;

the analyzing unit is configured to analyze the installation package according to the description information, and determine whether there is a virus in the installation package.

8. The device according to claim 7, wherein, the unpacking unit comprises an Active Object creating subunit and a scheduler;

the Active Object creating subunit is configured to create an Active Object about unpacking;

the scheduler is configured to schedule the Active Object created by the Active Object creating subunit, perform installation package path scanning, and read description information of an installation package obtained after the installation package path scanning.

9. The device according to claim 8, wherein, the scheduler comprises a determining module and a scheduling module;

the determining module is configured to, after determining that current resource is in an idle state, send a scheduling instruction to the scheduling module;

the scheduling module is configured to receive the scheduling instruction, schedule the Active Object created by the Active Object creating subunit, perform installation package path scanning, and unpack the installation package.

10. The device according to claim 9, wherein, the current resource occupancy rate comprises CPU occupancy rate or memory occupancy rate.