

WHAT IS CLAIMED IS:

1. A method for controlling an access to an application on a mobile terminal, comprising:
scanning an opened application and obtaining an application identification;
comparing the application identification with a pre-stored target application identification;
displaying an unlock interface, when the application identification is compared to be consistent with the pre-stored target application identification; and
obtaining an unlock command to run the application on the mobile terminal.
2. The method of claim 1, wherein the scanning of the opened application and the obtaining of the application identification comprise:
scanning a stack top of a stack of a view interface of the application to obtain the application identification.

3. The method of claim 1, wherein the scanning of the opened application and the obtaining of the application identification comprise:

monitoring logs;

parsing information of startup items in the logs; and

obtaining the application identification.

4. The method of any claim of claims 1-3, wherein the unlock interface comprises an unlock interface for inputting a password, an unlock interface for sliding a pattern on the unlock interface, and a combination thereof.

5. The method of any claim of claims 1-3, further comprising:

stopping scanning the opened application on the mobile phone, when a screen of the mobile phone is off or the mobile phone is on a standby mode is detected.

6. The method of claim 1, wherein the scanning of the opened application comprises:

scanning a stack top of a stack of a view interface of the application at a scheduled time by setting a time interval for scanning.

7. The method of claim 1, wherein the comparing of the application identification with the pre-stored target application identification comprises:

comparing a character string of a name of the application one by one with character strings of names of target applications in a memory list; or

comparing an application ID of the application identification one by one with application IDs of target applications in a memory list; or

comparing an application ID and a name of the application identification one by one with application IDs and names of target applications in the memory list.

8. A system for controlling an access to an application on a mobile terminal, comprising:

a scanning module, configured to scan an opened application and obtain an application identification;

a comparing module, configured to compare the application identification with a pre-stored target application identification;

a displaying module, configured to display an unlock interface, when the application identification is compared to be consistent with the pre-stored target application identification;
and

an executing module, configured to obtain an unlock command to run the application.

9. The system of claim 8, wherein the scanning module comprises:

a stack top scanning module, configured to scan a stack top of a stack of a view interface of the application to obtain the application identification.

10. The system of claim 8, wherein the scanning module comprises:
a log monitoring module, configured to monitor logs; and
a parsing module, configured to parse information of startup items in the logs and to obtain the application identification.
11. The system of any claim of claims 8-10, wherein the unlock interface comprises an unlock interface for inputting a password, an unlock interface for sliding a pattern on the unlock interface, and a combination thereof.
12. The system of any claim of claims 8-10, wherein the scanning module is configured to stop scanning the application on the mobile phone, when it is detected that a screen of the mobile phone is off or the mobile phone is on a standby mode.
13. The system of claim 8, wherein the scanning module is configured to scan a stack top of a stack of a view interface of the application at a scheduled time by setting a time interval for scanning.
14. The system of claim 8, wherein the comparing module is configured to:
compare a character string of a name of the application one by one with character strings of names of target applications in a memory list; or
compare an application ID of the application identification one by one with application IDs of target applications in a memory list; or

compare an application ID and a name of the application identification one by one with application IDs and names of target applications in the memory list.

Claims

1. A method for controlling an access to an application on a mobile terminal, comprising:

scanning an opened application and obtaining an application identification;

5 comparing the application identification with a pre-stored target application identification;

displaying an unlock interface, when the application identification is compared to be consistent with the pre-stored target application identification; and

10 receiving unlock information including at least one of a password, and a sliding pattern on the unlock interface, and obtaining an unlock command to run the application on the mobile terminal.

2. The method of claim 1, wherein the scanning of the opened application and the obtaining of the application identification comprise:

15 scanning a stack top of a stack of a view interface of the application to obtain the application identification.

3. The method of claim 1, wherein the scanning of the opened application and the obtaining of the application identification comprise:

20 monitoring logs;

parsing information of startup items in the logs; and

obtaining the application identification.

4. The method of any claim of claims 1-3, wherein the unlock interface
25 comprises an unlock interface for inputting a password, an unlock interface for sliding a pattern on the unlock interface, and a combination thereof.

5. The method of any claim of claims 1-3, further comprising:

stopping scanning the opened application on the mobile phone, when a screen of the mobile phone is off or the mobile phone is on a standby mode is detected.

5 6. The method of claim 1, wherein the scanning of the opened application comprises:

scanning a stack top of a stack of a view interface of the application at a scheduled time by setting a time interval for scanning.

10 7. The method of claim 1, wherein the comparing of the application identification with the pre-stored target application identification comprises:

comparing a character string of a name of the application one by one with character strings of names of target applications in a memory list; or

15 comparing an application ID of the application identification one by one with application IDs of target applications in a memory list; or

comparing an application ID and a name of the application identification one by one with application IDs and names of target applications in the memory list.

20 8. A system for controlling an access to an application on a mobile terminal, comprising:

a scanning module, configured to scan an opened application and obtain an application identification;

a comparing module, configured to compare the application identification with a pre-stored target application identification;

25 a displaying module, configured to display an unlock interface, when the application identification is compared to be consistent with the pre-stored target application identification; and

an executing module, configured to receive unlock information including at least one of a password, and a sliding pattern on the unlock interface, and obtain an unlock command to run the application.

5 9. The system of claim 8, wherein the scanning module comprises:

a stack top scanning module, configured to scan a stack top of a stack of a view interface of the application to obtain the application identification.

10. The system of claim 8, wherein the scanning module comprises:

10 a log monitoring module, configured to monitor logs; and

a parsing module, configured to parse information of startup items in the logs and to obtain the application identification.

15 11. The system of any claim of claims 8-10, wherein the unlock interface comprises an unlock interface for inputting a password, an unlock interface for sliding a pattern on the unlock interface, and a combination thereof.

20 12. The system of any claim of claims 8-10, wherein the scanning module is configured to stop scanning the application on the mobile phone, when it is detected that a screen of the mobile phone is off or the mobile phone is on a standby mode.

25 13. The system of claim 8, wherein the scanning module is configured to scan a stack top of a stack of a view interface of the application at a scheduled time by setting a time interval for scanning.

14. The system of claim 8, wherein the comparing module is configured to:

compare a character string of a name of the application one by one with character strings of names of target applications in a memory list; or

compare an application ID of the application identification one by one with application IDs of target applications in a memory list; or

- 5 compare an application ID and a name of the application identification one by one with application IDs and names of target applications in the memory list.