

CLAIMS

1. A method for concealing user information contained in an application, the method comprising:
 - obtaining operation rights to an attribute list of a media file in an application (S101);
 - reading the attribute list of the media file in the application;
 - writing user information generated in the application into the attribute list of the media file (S102); and
 - re-saving the media file (S103).
2. The method according to claim 1, wherein the user information comprises sensitive or confidential information.
3. The method according to claim 1, wherein obtaining operation rights to an attribute list of a media file in an application comprises:
 - obtaining a file handle of the media file in the application; and
 - obtaining read/write permission for the attribute list of the media file in the application using the file handle of the media file.
4. The method according to claim 1, wherein writing user information generated in the application into the attribute list of the media file comprises:
 - writing the user information generated in the application into the attribute list of the media file in a form of a key-value pair.
5. The method according to claim 1, wherein the media file comprises any one of a picture file, an audio file, or a video file.
6. The method according to claim 1, wherein the user information comprises encrypted user information.

7. A method for concealing user information contained in an application, the method comprising:
- obtaining operation rights to an attribute list of a media file in an application;
 - performing logic processing on user information generated in the application;
 - reading the attribute list of the media file in the application;
 - writing user information that undergoes logic processing in the application into the attribute list of the media file; and
 - re-saving the media file.
8. The method according to claim 7, wherein the user information comprises sensitive or confidential information.
9. The method according to claim 7, wherein obtaining operation rights to an attribute list of a media file in an application comprises:
- obtaining a file handle of the media file in the application; and
 - obtaining read/write permission for the attribute list of the media file in the application using the file handle of the media file.
10. The method according to claim 7, wherein writing user information generated in the application into the attribute list of the media file comprises:
- writing the user information generated in the application into the attribute list of the media file in a form of a key-value pair.
11. The method according to claim 7, wherein the media file comprises any one of a picture file, an audio file, or a video file.
12. The method according to claim 7, wherein the user information comprises encrypted user information.
13. The method according to claim 7, wherein performing logic processing on user information generated in the application comprises performing reversible logic processing on the user

information generated in the application.

14. The method according to claim 7, wherein performing logic processing on user information generated in the application comprises:

performing symmetric encryption processing on the user information generated in the application by using a symmetric encryption algorithm.

15. The method according to any one of claims 1 to 14, further comprising:

writing user information generated in different application scenarios into different media files; and

re-saving the different media files.

16. The method according to any one of claims 1 to 15, wherein re-saving a media file comprises storing the media file in an installation path of the application.

17. A device for concealing user information contained in an application, the device comprising multiple modules configured to perform operations according to the method of any one of claims 1 to 16.