

What is claimed is:

1. A method for increasing programming speed of a system firmware, applied to a terminal device with a file system and a flash memory, comprising the steps of:

(a) generating an intermediate file system according to the required build-in program data in the file system;

(b) adjusting the size of the intermediate file system;

(c) generating a mirror of the file system according to the adjusted intermediate file system, the size of the mirror of the file system is greater than the size of the intermediate file system, so as to accommodate files required by the system, the size of the files required by the system is limited in 16M;

(d) programming the mirror of the file system into the flash memory;

wherein, the difference value between the size of the mirror of the file system and the size of the required build-in program data in the file system is D , and $0 \leq D \leq 16M$ (Mbit).

2. The method for increasing programming speed of a system firmware as claimed in Claim 1, wherein:

after the step of generating a mirror of the file system and prior to the step of programming the mirror of the file system into the flash memory of the terminal device, further comprising a step of transmitting

the mirror of the file system to the memory of the terminal device.

3. The method for increasing programming speed of a system firmware as claimed in Claim 1, further comprising;

(e) after programming the mirror of the file system into the memory, adjusting the size of the file system to the size of the intermediate file system prior to the adjustment when the system firmware executes for the first time.

4. The method for increasing programming speed of a system firmware as claimed in Claim 1, wherein the file system comprises the format of ex2, ex3, ex4, ntfs and fat.

5. The method for increasing programming speed of a system firmware as claimed in Claim 1, wherein the terminal device is a mobile or a tablet computer.