CLAIMS

What is claimed is:

1. A multimedia material processing method, applied to a multimedia playback device, comprising:

obtaining a cache list sent by a service device, wherein the cache list indicates a to-be-cached multimedia material;

caching the to-be-cached multimedia material to cached multimedia material;

requesting the service device to determine a target multimedia material, wherein the target multimedia material is a to-be-played multimedia material;

re-determining the target multimedia material from the cached multimedia material if the target multimedia material fails to be determined or the target multimedia material is successfully determined but the target multimedia material is not cached;

obtaining an offline list sent by the service device, wherein the offline list is used to indicate a multimedia material to be taken offline;

determining whether the multimedia material to be taken offline is a currently played multimedia material;

stopping playing the currently played multimedia material if the multimedia material to be taken offline is the currently played multimedia material, and determining the target multimedia material from a cached multimedia material that would not be taken offline; and

disabling multimedia data corresponding to the multimedia material to be taken offline in the cached multimedia material.

2. The processing method according to claim 1, further comprising:

playing the target multimedia material when a playback condition of the target multimedia material is satisfied.

3. The processing method according to claim 2, wherein

the cache list comprises download information and playback information that are of the to-be-cached multimedia material; and

the caching the to-be-cached multimedia material comprises:

downloading multimedia data of the to-be-cached multimedia material based on the download information of the to-be-cached multimedia material; and

associating and caching the to-be-cached multimedia data and the playback information of the to-be-cached multimedia material for the to-be-cached multimedia

material.

4. The processing method according to claim 3, wherein

the playing the target multimedia material comprises:

playing the cached multimedia data of the target multimedia material based on the cached playback information of the target multimedia material.

5. The processing method according to claim 4, wherein

a playback interface of the multimedia playback device is divided into at least one rendering block, and different rendering blocks correspond to different playback areas in the playback interface; and the playback information of the multimedia material is used to indicate a rendering block corresponding to the multimedia data of the multimedia material; and

the playing the cached multimedia data of the target multimedia material based on the cached playback information of the target multimedia material comprises:

determining a rendering block corresponding to the target multimedia material based on the cached playback information of the target multimedia material; and

setting a playback address of the rendering block corresponding to the target multimedia material to a cache address of the multimedia data of the target multimedia material, so that the rendering block corresponding to the target multimedia material plays the cached multimedia data of the target multimedia material.

6. The processing method according to claim 1, further comprising:

obtaining access information of a wireless network within a predetermined range of the multimedia playback device when the multimedia playback device plays the multimedia material;

obtaining, based on the access information, information about a user accessing the wireless network; and

associating and recording the information about the user and a multimedia material played by the multimedia playback device at a time corresponding to the information about the user.

7. The processing method according to claim 6, further comprising:

record a task event of caching the to-be-cached multimedia material, a task event of playing the target multimedia material, and a task event of obtaining the information about the user accessing the wireless network, and send the task events to the service device.

8. The processing method according to claim 3, wherein

the playback information of the multimedia material further indicates a conflicted multimedia material formed by the multimedia material conflicted with said multimedia material; and

the re-determining the target multimedia material from the cached multimedia material comprises:

determining, based on the cached playback information of the currently played multimedia material, a conflicted multimedia material set formed by the currently played multimedia material conflicted with said multimedia material; and

determining the to-be-played target multimedia material from the cached multimedia material that does not belong to the conflicted multimedia material set.

9. The processing method according to claim 1, wherein

the requesting the service device to determine the target multimedia material from comprises:

re-requesting the service device to determine the to-be-played target multimedia material when a remaining playback time corresponding to the currently played multimedia material reaches a predetermined execution condition.

10. A multimedia material processing apparatus, applied to a multimedia playback device, comprising:

an obtaining module, configured to obtain a cache list sent by a service device, wherein the cache list indicates a to-be-cached multimedia material;

a caching module, configured to cache the to-be-cached multimedia material to cached multimedia material;

a request module, configured to request the service device to determine a to-be-played target multimedia material; and

a determining module, configured to re-determine the target multimedia material from the cached multimedia material if the target multimedia material fails to be determined or the target multimedia material is successfully determined but the target multimedia material is not cached;

wherein the obtaining module is further configured to:

obtain an offline list sent by the service device, wherein the offline list is used to indicate a multimedia material to be taken offline,

wherein the multimedia material processing apparatus further comprises a play module configured to:

determine whether the multimedia material to be taken offline is a currently played

multimedia material, and

stop playing the currently played multimedia material if the multimedia material to be taken offline is the currently played multimedia material, and determining the target multimedia material from a cached multimedia material that would not be taken offline, and

wherein the caching module is further configured to:

disable multimedia data corresponding to the multimedia material to be taken offline in the cached multimedia material.

11. A multimedia playback device, comprising a memory, a processor, and a computer program that is stored in the memory and that can run on the processor, wherein the computer program is executed by the processor to:

obtain a cache list sent by a service device, wherein the cache list indicates a to-be-cached multimedia material;

cache the to-be-cached multimedia material to cached multimedia material;

request the service device to determine a to-be-played target multimedia material;

re-determine the target multimedia material from the cached multimedia material if the target multimedia material fails to be determined or the target multimedia material is successfully determined but the target multimedia material is not cached;

obtaining an offline list sent by the service device, wherein the offline list is used to indicate a multimedia material to be taken offline;

determining whether the multimedia material to be taken offline is a currently played multimedia material;

stopping playing the currently played multimedia material if the multimedia material to be taken offline is the currently played multimedia material, and determining the target multimedia material from a cached multimedia material that would not be taken offline; and

disabling multimedia data corresponding to the multimedia material to be taken offline in the cached multimedia material.

12. A computer readable storage medium, wherein the computer readable storage medium stores a computer program, and when the computer program is executed by a processor, the following steps are implemented:

obtaining a cache list sent by a service device, wherein the cache list indicates a to-be-cached multimedia material;

caching the to-be-cached multimedia material to cached multimedia material;

requesting the service device to determine a to-be-played target multimedia material;

re-determining the target multimedia material from the cached multimedia material if the target multimedia material fails to be determined or the target multimedia material is successfully determined but the target multimedia material is not cached;

obtaining an offline list sent by the service device, wherein the offline list is used to indicate a multimedia material to be taken offline;

determining whether the multimedia material to be taken offline is a currently played multimedia material;

stopping playing the currently played multimedia material if the multimedia material to be taken offline is the currently played multimedia material, and determining the target multimedia material from a cached multimedia material that would not be taken offline; and

disabling multimedia data corresponding to the multimedia material to be taken offline in the cached multimedia material.