CLAIMS

What is claimed is:

1. A data processing method for a virtual scene, performed by a server and comprising:

receiving a save request for picture data of the virtual scene;

the save request being generated in a process in which a target user performs a virtual scene operation on the virtual scene, and being used for requesting to save picture data corresponding to operation progress of the virtual scene operation;

generating, based on the save request, an archive file used for indicating the operation progress of the virtual scene operation;

generating and storing, based on the archive file, a data snapshot of the picture data corresponding to the operation progress, wherein the data snapshot is generated by:

performing image recognition on the archive file to identify image information of the archive file, pre-loading data and interference information except the operation progress of the archive file based on the identified image information, and rendering a picture of the virtual scene corresponding to the operation progress, to obtain the data snapshot including the picture data corresponding to the operation progress; and

returning the data snapshot in a case of receiving an acquiring request for the picture data of the operation progress, so as to present, based on the data snapshot, a picture of the virtual scene corresponding to the operation progress.

2. The method according to claim 1, wherein before the returning the data snapshot, the method further comprises:

determining, based on the acquiring request for the picture data, a snapshot identifier of the data snapshot for the picture data corresponding to the operation progress; and

acquiring, based on the snapshot identifier, the data snapshot of the picture data corresponding to the operation progress from the stored data snapshot.

3. A data processing method for a virtual scene, performed by an electronic device and comprising:

receiving, in a process in which a target user performs a virtual scene operation on the virtual scene, a save instruction used for saving picture data corresponding to operation progress of the virtual scene operation;

transmitting a save request for the picture data to a server in response to the save instruction, so that the server generates, based on the save request, an archive file used for indicating the operation progress of the virtual scene operation, performs image recognition on the archive file to identify image information of the archive file, pre-loads data and interference information except the operation progress of the archive file based on the identified image information, and renders a picture of the virtual scene corresponding to the operation progress, to obtain a data snapshot including the picture data corresponding to the operation progress, and stores the data snapshot;

transmitting an acquiring request for the picture data corresponding to the picture to the server in a case of receiving a picture display instruction for the operation progress, so that the server acquires and returns, based on the acquiring request for the picture data, a data snapshot of the picture data corresponding to the operation progress; and

receiving the returned data snapshot, and presenting, based on the data snapshot, a picture of the virtual scene corresponding to the operation progress.

4. The method according to claim 3, wherein before the transmitting an acquiring request for the picture data corresponding to the picture to the server, the method further comprises:

presenting a continue operation function item for the virtual scene, the continue operation function item being used for presenting a picture of the virtual scene corresponding to the operation progress based on the operation progress of the virtual scene; and

receiving a picture display instruction for the operation progress in response to a trigger operation for the continue operation function item.

5. The method according to claim 4, wherein the presenting a continue operation function item for the virtual scene comprises:

running an application corresponding to the virtual scene to present an initial page corresponding to the virtual scene; and

presenting, on the initial page corresponding to the virtual scene, the continue operation function item corresponding to the virtual scene.

6. The method according to claim 4, wherein the presenting a continue operation function item for the virtual scene comprises:

presenting a first continue selection function item corresponding to the virtual scene;

presenting, in response to a trigger operation for the first continue selection function item, a continue selection interface used for selecting operation progress of a virtual scene corresponding to

a current login account; and

presenting, in the continue selection interface, the continue operation function item corresponding to the operation progress of the current login account.

7. The method according to claim 4, wherein the presenting a continue operation function item for the virtual scene comprises:

presenting a second continue selection function item corresponding to the virtual scene;

presenting, in response to a trigger operation for the second continue selection function item, a second continue selection interface used for selecting operation progress of a virtual scene corresponding to a current login account; and

presenting, in the second continue selection interface, the continue operation function item corresponding to operation progress of a target login account, the target login account being different from the current login account.

8. The method according to claim 7, wherein before the transmitting an acquiring request for the picture data corresponding to the picture to the server, the method further comprises:

presenting an operation progress selection interface in a case that there are at least two target login accounts;

presenting, in the operation progress selection interface, a progress selection item corresponding to the operation progress of the target login account; the target login account being in a one-to-one correspondence with the progress selection item; and

determining, in response to a progress selection instruction triggered by the progress selection item, that operation progress corresponding to a corresponding progress selection item is operation progress of a virtual scene corresponding to the target user.

9. The method according to claim 8, wherein the method further comprises:

presenting a progress level corresponding to each progress selection item and a progress level corresponding to the current login account;

receiving a selection operation for the progress selection item;

triggering, in response to the selection operation, the progress selection instruction in a case that a difference between a progress level corresponding to the selected progress selection item and the progress level corresponding to the current login account is less than a threshold; and

presenting, in a case that the difference reaches the threshold, prompt information used for

instructing to perform operation progress reselection.

10. The method according to claim 7, wherein the presenting, based on the data snapshot, a picture of the virtual scene corresponding to the operation progress comprises:

presenting, based on the data snapshot, a picture of a virtual scene corresponding to the operation progress of the target login account.

11. The method according to claim 3, wherein the receiving a save instruction used for saving picture data corresponding to operation progress of the virtual scene operation comprises:

presenting, in a view interface used for presenting the picture of the virtual scene, a save function item corresponding to the virtual scene;

the save function item being used for saving the operation progress of the virtual scene corresponding to the current login account; and

receiving, in response to a trigger operation for the save function item, a save instruction used for saving the picture data corresponding to the operation progress of the virtual scene operation.

12. The method according to claim 3, wherein the receiving a save instruction used for saving picture data corresponding to operation progress of the virtual scene operation comprises:

presenting, in response to a picture close operation instructing to close the presented picture, an information prompt window used for prompting whether to save the operation progress of the virtual scene; and

receiving, by using the information prompt window, a save instruction used for saving the picture data corresponding to the operation progress of the virtual scene operation.

13. The method according to claim 3, wherein after the presenting a picture of the virtual scene corresponding to the operation progress, the method further comprises:

presenting a shared function item corresponding to the operation progress of the virtual scene; and

sharing the operation progress of the virtual scene corresponding to the current login account in response to a trigger operation for the shared function item, so that

another account different from the current login account is capable of presenting a picture of the virtual scene based on the operation progress of the virtual scene corresponding to the current login account.

14. A data processing apparatus for a virtual scene, comprising:

a request receiving module, configured to receive a save request for picture data of the virtual scene;

the save request being generated in a process in which a target user performs a virtual scene operation on the virtual scene, and being used for requesting to save picture data corresponding to operation progress of the virtual scene operation;

a file generation module, configured to generate, based on the save request, an archive file used for indicating the operation progress of the virtual scene operation;

a snapshot generation module, configured to generate and store, based on the archive file, a data snapshot of the picture data corresponding to the operation progress; and

a snapshot returning module, configured to: return the data snapshot in a case of receiving an acquiring request for the picture data of the operation progress, so as to present, based on the data snapshot, a picture of the virtual scene corresponding to the operation progress;

wherein the snapshot generation module is configured to perform image recognition on the archive file to identify image information of the archive file, pre-load data and interference information except the operation progress of the archive file based on the identified image information, and render a picture of the virtual scene corresponding to the operation progress, to obtain the data snapshot including the picture data corresponding to the operation progress.

15. A data processing apparatus for a virtual scene, comprising:

an instruction receiving module, configured to: receive, in a process in which a target user performs a virtual scene operation on the virtual scene, a save instruction used for saving picture data corresponding to operation progress of the virtual scene operation;

a first transmitting module, configured to: transmit a save request for the picture data to a server in response to the save instruction, so that the server generates, based on the save request, an archive file used for indicating the operation progress of the virtual scene operation, performs image recognition on the archive file to identify image information of the archive file, pre-loads data and interference information except the operation progress of the archive file based on the identified image information, and renders a picture of the virtual scene corresponding to the operation progress, to obtain a data snapshot including the picture data corresponding to the operation progress, and stores the data snapshot;

a second transmitting module, configured to: transmit an acquiring request for the picture data corresponding to the picture to the server in a case of receiving a picture display instruction for the operation progress, so that the server acquires and returns, based on the acquiring request, a data

snapshot of the picture data corresponding to the operation progress; and

a picture presentation module, configured to: receive the returned data snapshot, and present, based on the data snapshot, a picture of the virtual scene corresponding to the operation progress.

16. A computer readable storage medium that stores executable instructions, when executed by a processor, implementing the data processing method for a virtual scene according to any one of claims 1 to 13.

17. An electronic device, comprising:

a memory, configured to store executable instructions; and

a processor, configured to implement the data processing method for a virtual scene according to any one of claims 1 to 13 when executing the executable instructions stored in the memory.