## CLAIMS

What is claimed is:

1. A graphic display method based on a virtual scene, performed by a computer device, the method comprising:

displaying a view of a virtual scene from a perspective of a first virtual object, the virtual scene comprising a safe region, wherein a virtual object positioned outside the safe region endures a change of an attribute value; and

determining a region indication graphic based on a current safe region, a target safe region, and the first virtual object, and rotating the region indication graphic to display the rotated region indication graphic, the region indication graphic indicating a relative positional relationship between the first virtual object and the current safe region and a relative positional relationship between the first virtual object and the target safe region, the target safe region being a region that replaces the current safe region in a next region update,

wherein the region indication graphic comprises an oriented icon indicating a position and an orientation of the first virtual object in the virtual scene, and the rotating the region indication graphic comprises:

rotating the region indication graphic based on a position of the oriented icon on the region indication graphic to position the oriented icon at a bottom of the region indication graphic; or

rotating the region indication graphic based on a position and pointing direction of the oriented icon on the region indication graphic to make a direction of the oriented icon point to a target direction.

2. The method according to claim 1, wherein the determining a region indication graphic based on the current safe region, a target safe region, and the first virtual object comprises:

generating a region combination graphic based on the safe region and the target safe region, the region combination graphic indicating a relative positional relationship between the safe region and the target safe region; and

determining the region indication graphic based on the region combination graphic and a location of the first virtual object.

3. The method according to claim 2, wherein the generating a region combination graphic based on the safe region and the target safe region comprises:

generating the region combination graphic based on respective positions of the safe region and the target safe region in the virtual scene.

4. The method according to claim 3, wherein the generating the region combination graphic based on respective positions of the safe region and the target safe region in the virtual scene, comprises:

generating the region combination graphic based on a central position and a boundary position of the safe region in a virtual map of the virtual scene and a central position and a boundary position of the target safe region in the virtual map.

5. The method according to claim 2, wherein the generating a region combination graphic based on the safe region and the target safe region comprises:

generating the region combination graphic based on a position of the safe region in the virtual scene, a distance between a central position of the safe region and the first virtual object, and a position of the target safe region in the virtual scene.

6. The method according to claim 1, wherein the oriented icon of the first virtual object is obtained by:

in response to that the first virtual object is positioned inside the safe region, adding the oriented icon inside the region combination graphic based on a distance and position relationship between the first virtual object and the central position of the safe region, and adjusting a pointing direction of the oriented icon to the orientation of the first virtual object, so as to obtain the region indication graphic; and

in response to that the first virtual object is positioned outside the safe region, determining a candidate position closest to the first virtual object on the boundary of the safe region on the region combination graphic based on a line between the first virtual object and the central position of the safe region, adding the oriented icon to the candidate position, and adjusting the pointing direction of the oriented icon to the orientation of the first virtual object, to obtain the region indication graphic.

7. The method according to claim 1, wherein the region indication graphic comprises a region combination graphic and an oriented icon, the region combination graphic indicating a relative positional relationship between the safe region and the target safe region, the oriented icon indicating a position and orientation of the first virtual object in the virtual scene, and the region combination graphic comprising a first region graphic corresponding to the safe region

and a second region graphic corresponding to the target safe region, and the displaying the region indication graphic comprises:

displaying the first region graphic, the second region graphic, and the oriented icon in different colors.

8. The method according to claim 1, further comprising:

adjusting the region indication graphic based on a current position and a current orientation of the first virtual object in the virtual scene in response to a change in at least one of the position and the orientation of the first virtual object in the virtual scene.

9. The method according to claim 1, further comprising:

displaying a countdown icon based on the region indication graphic, the countdown icon indicating a remaining time before the next region update.

10. The method according to claim 9, wherein the displaying a countdown icon based on the region indication graphic comprises at least one:

displaying the countdown icon below the region indication graphic; or

in response to that the region indication graphic comprises an oriented icon, displaying the countdown icon below the oriented icon, the oriented icon indicating a position and an orientation of the first virtual object in the virtual scene.

11. The method according to claim 1, wherein the target safe region is positioned inside the safe region, and has a smaller area than the safe region, or the target safe region has an overlapping portion with the safe region.

12. The method according to claim 1, further comprising:

in response to that the first virtual object is positioned inside the safe region, displaying a distance between the first virtual object and the target safe region in the region indication graphic; and

in response to that the first virtual object is positioned outside the safe region, displaying a distance between the first virtual object and the safe region and the distance between the first virtual object and the target safe region in the region indication graphic.

13. The method according to claim 1, further comprising:

canceling the displaying of the region indication graphic after a target duration.

14. A graphic display apparatus based on a virtual scene, the apparatus comprising:

one or more processors and one or more memories storing at least one computer program therein, the computer program being loaded and executed by the one or more processors to implement:

displaying a view of a virtual scene from a perspective of a first virtual object, the virtual scene comprising a safe region, wherein a virtual object positioned outside the safe region endures a change of an attribute value; and

determining a region indication graphic based on a current safe region, a target safe region, and the first virtual object, and rotating the region indication graphic to display the rotated region indication graphic, the region indication graphic indicating a relative positional relationship between the first virtual object and the current safe region and a relative positional relationship between the first virtual object and the target safe region, the target safe region being a region that replaces the current safe region in a next region update,

wherein the region indication graphic comprises an oriented icon indicating a position and an orientation of the first virtual object in the virtual scene, and the rotating the region indication graphic comprises:

rotating the region indication graphic based on a position of the oriented icon on the region indication graphic to position the oriented icon at a bottom of the region indication graphic; or

rotating the region indication graphic based on a position and pointing direction of the oriented icon on the region indication graphic to make a direction of the oriented icon point to a target direction.

15. The apparatus according to claim 14, wherein the displaying a region indication graphic based on the current safe region, a target safe region, and the first virtual object comprises:

generating a region combination graphic based on the safe region and the target safe region, the region combination graphic indicating a relative positional relationship between the safe region and the target safe region; and

displaying the region indication graphic based on the region combination graphic and a location of the first virtual object.

16. The apparatus according to claim 15, wherein the generating a region combination graphic based on the safe region and the target safe region comprises:

generating the region combination graphic based on respective positions of the safe region and the target safe region in the virtual scene.

17. A computer-readable storage medium storing at least one computer program therein, the computer program being loaded and executed by a processor to implement:

displaying a view of a virtual scene from a perspective of a first virtual object, the virtual scene comprising a safe region, wherein a virtual object positioned outside the safe region endures a change of an attribute value; and

determining a region indication graphic based on a current safe region, a target safe region, and the first virtual object, and rotating the region indication graphic to display the rotated region indication graphic, the region indication graphic indicating a relative positional relationship between the first virtual object and the current safe region and a relative positional relationship between the first virtual object and the target safe region, the target safe region being a region that replaces the current safe region in a next region update,

wherein the region indication graphic comprises an oriented icon indicating a position and an orientation of the first virtual object in the virtual scene, and the rotating the region indication graphic comprises:

rotating the region indication graphic based on a position of the oriented icon on the region indication graphic to position the oriented icon at a bottom of the region indication graphic; or

rotating the region indication graphic based on a position and pointing direction of the oriented icon on the region indication graphic to make a direction of the oriented icon point to a target direction.