

CLAIMS

What is claimed is:

1. A method for displaying interface content, comprising:

acquiring an initial position and a movement direction of a touch point;

5 determining a motion parameter of an interface element object in each grid on a screen according to the initial position and the movement direction, wherein the screen is divided in advance into multiple grids, and each grid comprises a preset quantity of pixels; and

moving the interface element object in each grid according to the motion parameter of the interface element object in each grid.

10 2. The method according to claim 1, wherein a coordinate system is set on the screen;

the acquiring an initial position of a touch point comprises acquiring an initial horizontal coordinate and an initial vertical coordinate of the touch point in the coordinate system; and

the movement direction of the touch point comprises a direction of a horizontal axis or a direction of a vertical axis.

15 3. The method according to claim 2, wherein the determining a motion parameter of an interface element object in each grid on a screen according to the initial position and the movement direction comprises:

in the direction of the horizontal axis of the coordinate system, an interface element object in a grid in which a point that is N first unit distances away from the initial horizontal coordinate is
20 located needs to move along the movement direction after a delay of M first unit times; and

in the direction of the vertical axis of the coordinate system, an interface element object in a grid in which a point that is A second unit distances away from the initial vertical coordinate is located needs to move along the movement direction after a delay of B second unit times; and

25 a grid within a preset range moves simultaneously with the touch point, wherein the touch point is within the preset range.

4. The method according to claim 3, wherein the grid within the preset range comprises:

a grid that is in a column comprising a grid in which the touch point is located, and that is on a side, along the movement direction, of the grid in which the touch point is located; and/or

30 a grid that is covered by a circle with the initial position of the touch point as a center and c pixels as a radius, wherein being covered comprises being partially covered and being completely covered, and c is a non-negative number.

5. The method according to claim 3, wherein

the grid in which a point that is N first unit distances away from the initial horizontal

coordinate is located is a grid in which a point that is $N \times a$ pixels away from the initial horizontal coordinate is located; and

the grid in which a point that is A second unit distances away from the initial vertical coordinate is located is a grid in which a point that is $A \times b$ pixels away from the initial vertical coordinate is located.

6. A terminal device, comprising:

an acquiring unit, configured to acquire an initial position and a movement direction of a touch point;

a parameter determining unit, configured to determine a motion parameter of an interface element object in each grid on a screen according to the initial position and the movement direction, wherein the screen is divided in advance into multiple grids, and each grid comprises a preset quantity of pixels; and

a movement unit, configured to move the interface element object in each grid according to the motion parameter of the interface element object in each grid.

7. The terminal device according to claim 6, wherein a coordinate system is set on the screen of the terminal device;

the acquiring unit is specifically configured to:

~~acquire the initial position of the touch point, comprising:~~ acquire an initial horizontal coordinate and an initial vertical coordinate of the touch point in the coordinate system; and

the movement direction of the touch point comprises a direction of a horizontal axis or a direction of a vertical axis.

8. The terminal device according to claim 7, wherein the parameter determining unit is specifically configured to:

in the direction of the horizontal axis of the coordinate system, an interface element object in a grid in which a point that is N first unit distances away from the initial horizontal coordinate is located needs to move along the movement direction after a delay of M first unit times; and

in the direction of the vertical axis of the coordinate system, an interface element object in a grid in which a point that is A second unit distances away from the initial vertical coordinate is located needs to move along the movement direction after a delay of B second unit times; and

a grid within a preset range moves simultaneously with the touch point, wherein the touch point is within the preset range.

9. The terminal device according to claim 8, wherein the grid within the preset range comprises:

a grid that is in a column comprising a grid in which the touch point is located, and that is on a