

corresponding to a current joint object;

[0012] receiving graphic codes respectively corresponding to the joint payment initiator and the current joint object, wherein generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object comprises: the server determining, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object carried in the joint payment request, whether a binding relationship has been established between the joint payment initiator and the current joint object, and if so, generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object; and

[0013] displaying the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment.

[0014] A joint payment method based on a binding relationship, applied to a server, the method comprising:

[0015] receiving a joint payment request sent by a client;

[0016] parsing an identifier of a joint payment initiator and an identifier corresponding to a current joint object carried in the received joint payment request;

[0017] determining, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object, whether a binding relationship has been established between the joint payment initiator and the current joint object;

[0018] if so, the server generating graphic codes respectively corresponding to the joint payment initiator and the current joint object, and sending to the client the graphic codes respectively corresponding to the joint payment initiator and the current joint object, such that the client receives the graphic codes respectively corresponding to the joint payment initiator and the current joint object, and displays the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment.

[0019] A joint payment system based on a binding relationship, the system

comprising a client and a server:

[0020] the client sends a joint payment request to the server, the joint payment request carrying an identifier of a joint payment initiator and an identifier corresponding to a current joint object;

5 [0021] the server parses the identifier of the joint payment initiator and the identifier corresponding to the current joint object carried in the received joint payment request;

[0022] the server determines, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object,
10 whether a binding relationship has been established between the joint payment initiator and the current joint object;

[0023] if so, the server generates graphic codes respectively corresponding to the joint payment initiator and the current joint object, and sends to the client the graphic codes respectively corresponding to the joint payment initiator and the
15 current joint object; and

[0024] the client receives the graphic codes respectively corresponding to the joint payment initiator and the current joint object, and displays the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment.

20 [0025] A joint payment apparatus based on a binding relationship, applied to a client, the apparatus comprising:

[0026] a request sending module configured to send a joint payment request to a server, the joint payment request carrying an identifier of a joint payment initiator and an identifier corresponding to a current joint object;

25 [0027] a graphic code receiving module configured to receive graphic codes respectively corresponding to the joint payment initiator and the current joint object, wherein generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object comprises: the server determining, according to the identifier of the joint payment initiator and the
30 identifier corresponding to the current joint object carried in the joint payment request,

[0092] B, receiving graphic codes respectively corresponding to the joint payment initiator and the current joint object, and displaying the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment.

5 [0093] For a server, a task to be executed mainly includes:

[0094] a, parsing an identifier of a joint payment initiator and an identifier corresponding to a current joint object carried in a received joint payment request;

[0095] b, determining, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object, whether a
10 binding relationship has been established between the joint payment initiator and the current joint object; and

[0096] c, if so, generating graphic codes respectively corresponding to the joint payment initiator and the current joint object, and sending to a client the graphic codes respectively corresponding to the joint payment initiator and the
15 current joint object.

[0097] For details of the methods executed on respective sides of the client and the server, reference can be made to the foregoing description of the embodiments, and details will not be described herein again.

[0098] With respect to the aforementioned method embodiments, an
20 embodiment of the specification further provides a joint payment apparatus based on a binding relationship, applied to a client. As shown in FIG. 3, the apparatus includes: a request sending module 310, a graphic code receiving module 320, and a graphic code displaying module 330.

[0099] Request sending module 310 is configured to send a joint payment
25 request to a server, the joint payment request carrying an identifier of a joint payment initiator and an identifier corresponding to a current joint object;

[00100] graphic code receiving module 320 is configured to receive graphic codes respectively corresponding to the joint payment initiator and the current joint object, wherein generating the graphic codes respectively
30 corresponding to the joint payment initiator and the current joint object comprises: the server

[00118] Communication interface 540 is for being connected to a communication module (not shown) to achieve communication interactions between the device and other devices. The communication module may implement communication through a wired mode (for example, USB, network cable, etc.), and may also implement communication through a wireless mode (for example, a mobile network, Wi-Fi, Bluetooth, etc.).

[00119] Bus 550 includes a path for transmitting information among components (such as processor 510, memory 520, input/output interface 530, and communication interface 540) of the device.

[00120] It should be noted that although only processor 510, memory 520, input/output interface 530, communication interface 540, and bus 550 in the aforementioned device are shown, the device may further include other necessary components required for normal operation in a specific implementation process. In addition, a person skilled in the art can understand that the apparatus may only include components necessary to implement the technical solution provided by an embodiment of the present application, and does not necessarily include all components illustrated in the drawings.

[00121] An embodiment of the specification further provides a computer-readable storage medium on which a computer program is stored, and the program is executed by a processor to implement the aforementioned joint payment method based on a binding relationship. The method includes at least:

[00122] A joint payment method based on a binding relationship, applied to a client, the method including:

[00123] sending a joint payment request to a server, the joint payment request carrying an identifier of a joint payment initiator and an identifier corresponding to a current joint object;

[00124] receiving graphic codes respectively corresponding to the joint payment initiator and the current joint object, wherein generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object comprises: the server determining, according to the identifier of the joint

What Is Claimed Is

1 1. A joint payment method based on a binding relationship, the
2 method comprising:
3 a client sending a joint payment request to a server, the joint payment
4 request carrying an identifier of a joint payment initiator and an identifier
5 corresponding to a current joint object;
6 the server parsing the identifier of the joint payment initiator and the
7 identifier corresponding to the current joint object carried in the received joint
8 payment request;
9 the server determining, according to the identifier of the joint payment
10 initiator and the identifier corresponding to the current joint object, whether the
11 binding relationship has been established between the joint payment initiator and
12 the current joint object;
13 if so, the server generating graphic codes respectively corresponding to the
14 joint payment initiator and the current joint object, and sending to the client the
15 graphic codes respectively corresponding to the joint payment initiator and the
16 current joint object; and
17 the client receiving the graphic codes respectively corresponding to the
18 joint payment initiator and the current joint object, and displaying the graphic
19 codes respectively corresponding to the joint payment initiator and the current
20 joint object to complete joint payment.

1 2. The method according to claim 1, wherein the if so, the server
2 generating graphic codes respectively corresponding to the joint payment initiator
3 and the current joint object comprises:
4 if so, the server randomly generating the graphic codes respectively
5 corresponding to the joint payment initiator and the current joint object.

1 3. The method according to claim 1, wherein displaying the graphic
2 codes respectively corresponding to the joint payment initiator and the current
3 joint object to complete joint payment comprises:
4 displaying, according to a preset display rule, the graphic codes
5 respectively corresponding to the joint payment initiator and the current joint
6 object to complete the joint payment.

1 4. The method according to claim 1, the method further comprising:
2 if no binding relationship has been established between the joint payment
3 initiator and the current joint object, notifying the joint payment initiator that joint
4 payment fails, and guiding the joint payment initiator to establish a binding
5 relationship with the current joint object.

1 5. A joint payment method based on a binding relationship, applied to
2 a client, the method comprising:
3 sending a joint payment request to a server, the joint payment request
4 carrying an identifier of a joint payment initiator and an identifier corresponding
5 to a current joint object;
6 receiving graphic codes respectively corresponding to the joint payment
7 initiator and the current joint object, wherein generating the graphic codes
8 respectively corresponding to the joint payment initiator and the current joint
9 object comprises: the server determining, according to the identifier of the joint
10 payment initiator and the identifier corresponding to the current joint object
11 carried in the joint payment request, whether a binding relationship has been
12 established between the joint payment initiator and the current joint object, and if
13 so, generating the graphic codes respectively corresponding to the joint payment
14 initiator and the current joint object; and

15 displaying the graphic codes respectively corresponding to the joint
16 payment initiator and the current joint object to complete joint payment.

1 6. A binding based joint payment method, applied to a server, the
2 method comprising:
3 receiving a joint payment request sent by a client;
4 parsing an identifier of a joint payment initiator and an identifier
5 corresponding to a current joint object carried in the received joint payment
6 request;
7 determining, according to the identifier of the joint payment initiator and
8 the identifier corresponding to the current joint object, whether a binding
9 relationship has been established between the joint payment initiator and the
10 current joint object;
11 if so, the server generating graphic codes respectively corresponding to the
12 joint payment initiator and the current joint object, and sending to the client the
13 graphic codes respectively corresponding to the joint payment initiator and the
14 current joint object, such that the client receives the graphic codes respectively
15 corresponding to the joint payment initiator and the current joint object, and
16 displays the graphic codes respectively corresponding to the joint payment
17 initiator and the current joint object to complete joint payment.

1 7. A joint payment system based on a binding relationship, the
2 system comprising a client and a server:
3 the client sending a joint payment request to the server, the joint payment
4 request carrying an identifier of a joint payment initiator and an identifier
5 corresponding to a current joint object;
6 the server parsing the identifier of the joint payment initiator and the
7 identifier corresponding to the current joint object carried in the received joint
8 payment request;

9 the server determining, according to the identifier of the joint payment
10 initiator and the identifier corresponding to the current joint object, whether a
11 binding relationship has been established between the joint payment initiator and
12 the current joint object;
13 if the binding relationship has been established, the server generating
14 graphic codes respectively corresponding to the joint payment initiator and the
15 current joint object, and sending to the client the graphic codes respectively
16 corresponding to the joint payment initiator and the current joint object; and
17 the client receiving the graphic codes respectively corresponding to the
18 joint payment initiator and the current joint object, and displaying the graphic
19 codes respectively corresponding to the joint payment initiator and the current
20 joint object to complete joint payment.

1 8. The system according to claim 7, wherein the server specifically
2 generates, in the following manner, the graphic codes respectively corresponding
3 to the joint payment initiator and the current joint object:
4 if the binding relationship has been established, the server randomly
5 generating the graphic codes respectively corresponding to the joint payment
6 initiator and the current joint object.

1 9. The system according to claim 7, wherein the client specifically
2 displays, in the following manner, the graphic codes respectively corresponding to
3 the joint payment initiator and the current joint object to complete the joint
4 payment:
5 displaying, according to a preset display rule, the graphic codes
6 respectively corresponding to the joint payment initiator and the current joint
7 object to complete the joint payment.

1 10. The system according to claim 7, wherein the server is configured
2 to :
3 if no binding relationship has been established between the joint payment
4 initiator and the current joint object, notify the joint payment initiator that joint
5 payment fails, and guide the joint payment initiator to establish binding with the
6 current joint object.

1 11. A joint payment apparatus based on a binding relationship, applied
2 to a client, the apparatus comprising:
3 a request sending module configured to send a joint payment request to a
4 server, the joint payment request carrying an identifier of a joint payment initiator
5 and an identifier corresponding to a current joint object;
6 a graphic code receiving module configured to receive graphic codes
7 respectively corresponding to the joint payment initiator and the current joint
8 object, wherein generating the graphic codes respectively corresponding to the
9 joint payment initiator and the current joint object comprises: the server
10 determining, according to the identifier of the joint payment initiator and the
11 identifier corresponding to the current joint object carried in the joint payment
12 request, whether a binding relationship has been established between the joint
13 payment initiator and the current joint object, and if so, generating the graphic
14 codes respectively corresponding to the joint payment initiator and the current
15 joint object; and
16 a graphic code displaying module configured to display the graphic codes
17 respectively corresponding to the joint payment initiator and the current joint
18 object to complete joint payment.

1 12. A binding based joint payment apparatus, applied to a server, the
2 apparatus comprising:

3 a request receiving module configured to receive a joint payment request
4 sent by a client;
5 an identifier parsing module configured to parse an identifier of a joint
6 payment initiator and an identifier corresponding to a current joint object carried
7 in the received joint payment request;
8 a determining module configured to determine, according to the identifier
9 of the joint payment initiator and the identifier corresponding to the current joint
10 object, whether a binding relationship has been established between the joint
11 payment initiator and the current joint object; and
12 a graphic code generating module configured to, if the binding
13 relationship has been established, generate graphic codes respectively
14 corresponding to the joint payment initiator and the current joint object, and send
15 to the client the graphic codes respectively corresponding to the joint payment
16 initiator and the current joint object, such that the client receives the graphic codes
17 respectively corresponding to the joint payment initiator and the current joint
18 object, and displays the graphic codes respectively corresponding to the joint
19 payment initiator and the current joint object to complete joint payment.

1 13. A computer device, comprising a memory, a processor, and a
2 computer program stored in the memory and executable by the processor, wherein
3 the processor executes the program to implement the method according to claim
4 5.

1 14. A computer device, comprising a memory, a processor, and a
2 computer program stored in the memory and executable by the processor, wherein
3 the processor executes the program to implement the method according to claim
4 6.