

CLAIMS

1. A method for automatic login across terminal devices, comprising:

receiving, by a server, a login request that is sent by a terminal device, the login request comprising unique identification information and a login Internet Protocol (IP) address of the terminal device;

identifying, by the server and according to the IP address in the login request, a terminal device that has logged in successfully at the same IP address using server-stored relationships among corresponding unique identification information, login IP addresses, and user login identities (IDs) of terminal devices that have logged in successfully;

determining, by the server and according to the unique identification information in the login request, whether a corresponding relationship between unique identification information for the terminal device sending the login request and unique identification information for the identified terminal device that has logged in successfully at the same IP address are correlated exists using server-stored relationships between unique identification information for different terminal devices; and

in response to determining that a corresponding relationship between unique identification information for the terminal device sending the login request and unique identification information for the identified terminal device that has logged in successfully at the same IP address are correlated exists, sending, by the server and to a browser corresponding to a current login page of the terminal device, a data cookie corresponding to a user login ID of the terminal device that has logged in successfully, so that the terminal device logs in automatically.

2. The method of claim 1, further comprising, in response to the terminal device logging in successfully, storing, at the server and in the form of a corresponding relationship, unique identification information, a login IP address and a user login ID of the terminal device.

3. The method of claim 1, wherein the server-stored relationships between unique identification information for different terminal devices are obtained by:

receiving, at the server, unique identification information of a first terminal device;

generating, by the server, a quick response code using the received unique identification information of the first terminal device; and

sending, from the server and to the first terminal device for display, the generated quick response code, so that the generated quick response code is accessible by a second terminal device to derive the unique identification information of the first terminal device, and wherein the second terminal device sends unique identification information and the unique identification information

of the first terminal device to the server to establish a relationship between the first terminal device and the second terminal device.

4. The method of claim 1, wherein the server-stored relationships between unique
5 identification information for different terminal devices are obtained by:

generating, by a first terminal device, a quick response code using first terminal device
unique identification information;

sending from the first terminal device, the generated quick response code to a second
terminal device; and

10 sending, from the first terminal device, a corresponding relationship between unique
identification information for the first terminal device and unique identification information for the
second terminal device to the server.

5. The method of claim 1, wherein the server-stored relationships between unique
15 identification information for different terminal devices are obtained by:

connecting multiple terminal devices via Bluetooth;

obtaining, at a first terminal device of the multiple terminal devices, unique identification
information for a second terminal device of the multiple terminal devices; and

20 sending, by the first terminal device, a corresponding relationship between unique
identification information for the first terminal device and the obtained unique identification
information for the second terminal device to the server.

6. The method of claim 1, wherein the server-stored relationships between unique
identification information for different terminal devices are obtained by:

25 sending, from multiple terminal devices and to a near field communication device, unique
identification information for the multiple terminal devices; and

sending, from the near field communication device and to the server, corresponding
relationships between unique identification information for the multiple terminal devices.

30 7. The method of claim 1, wherein the server-stored relationships between unique
identification information for different terminal devices are obtained by:

sending, from a first terminal device and to a second terminal device, unique identification
information for the first terminal device; and

35 sending, from the second terminal device and to the server, a corresponding relationship
between unique identification information for the first terminal device and the second terminal

device.

8. The method of claim 1, wherein receiving, by a server, a login request that is sent by a terminal device and comprises unique identification information and a login IP address of the terminal device specifically comprises:

obtaining, by the server, the login request that is sent by the terminal device when accessing the login page, the login request comprising the unique identification information and the login IP address of the terminal device, the unique identification information and the login IP address of the terminal device being obtained by the login page by calling, with JavaScript (JS), a FLASH tool plug-in of the current login page.

9. A method for automatic login across terminal devices, comprising:

sending, by a terminal device when accessing a login page, a login request comprising unique identification information and a login IP address of the terminal device to a server; and

obtaining, by the terminal device, a query result that is obtained by the server according to the login request and comprises a user login ID of a terminal device that has logged in successfully, so that the terminal device logs in according to the query result, wherein the terminal device and the terminal device that has logged in successfully share the same login IP address.

10. The method of claim 9, wherein the step of sending, by a terminal device when accessing a login page, a login request carrying unique identification information and a login IP address of the terminal device to a server specifically comprises:

adding, by the terminal device when accessing the login page, the unique identification information and the login IP address of the terminal device to the login request and sending the login request to the server, the unique identification information and the login IP address of the terminal device being obtained by the login page by calling, with JS, a software FLASH tool plug-in of the current login page.

11. The method of claim 9, wherein the terminal device logs in according to the query result, comprising:

automatically logging in using a data cookie which is in a browser corresponding to the current login page and is corresponding to the user login ID of the terminal device that has logged in successfully, the user login ID being obtained according to the query result and sent by the server.

12. A server comprising multiple modules configured to perform the method of any one of claims 1 to 8.

13. A terminal device comprising multiple modules configured to perform the actions of any
5 one of claims 9 to 11.