

CLAIMS

1. A method for automatic login, the method comprising:

querying a login status of a user's first login account on the first website, when a visit request for a target page on a second website is received from a user-side client (101);

generating an automatic login token based on a token generation rule agreed by the second website, if the first login account is in a logged-in state (102);

creating a first automatic login link that comprises a URL address of an automatic login portal of the second website and the automatic login token (103);

sending the first automatic login link to the client, enabling access to the first automatic login link to send the visit request for the target page that comprises the automatic login token to the automatic login portal of the second website (103);

determining whether the automatic login token was validated; and

in response to determining that the automatic login token was validated, a server of the second website authorizes the client to perform automatic login on the second website by using a second login account bound to the first login account, and jumps to the target page (103).

2. The method according to claim 1, wherein the method further comprises:

creating and sending a second automatic login link to the client when a resource visit request for the second website is received from the user-side client, wherein the second automatic login link comprises a URL address of a local automatic login portal and a URL address of the target page on the second website on which a resource requested by the client is located, so that the client visits the second automatic login link to send the visit request for the target page to the local automatic login portal (105).

3. The method according to claim 1, wherein the method further comprises:

transmitting a URL address of a local active login portal to the client to trigger the client to jump to a login page corresponding to the URL address of the local active login portal and use the first login account to complete active login, if the first login account is in a logged-off state (106).

4. The method according to claim 1, wherein the token generation rule agreed by the second website comprises a predetermined encryption algorithm and an encryption key that are stored in login domain configuration information of the second website.

5. The method according to claim 4, wherein generating the automatic login token based on a token generation rule agreed by the second website comprises:

obtaining the predetermined encryption algorithm and the encryption key from the login domain configuration information of the second website; and

performing calculation on a token generation parameter agreed by the second website, based on the obtained predetermined encryption algorithm and the obtained encryption key, to generate a random character string that is used as the automatic login token, wherein

the token generation parameter comprises one or a combination of the following content:

the first login account, a login domain name of the first website, and a generation time of the automatic login token.

6. The method according to claim 4, wherein the encryption algorithm comprises a symmetric encryption algorithm.

7. The method according to any one of claims 1 to 6, wherein the token generation rule agreed by the first website comprises a predetermined decryption algorithm and an encryption key that are stored in local login domain configuration information.

8. The method according to claim 7, wherein validating the automatic login token based on a token validation rule agreed by the first website comprises:

obtaining the predetermined decryption algorithm and the encryption key from the local login domain configuration information; and

decrypting the automatic login token based on the obtained predetermined decryption algorithm and the obtained encryption key, and validating whether a parameter generated after the decryption is a token generation parameter agreed by the first website; and if yes, determining that the automatic login token is validated.

9. The method according to any one of claims 1 to 8, wherein querying the login status of the user's first login account on the first website comprises invoking a login service component.

10. A device for automatic login, the device comprising a plurality of modules configured to perform the method of any one of claims 1 to 9.