

Data Backfilling Method and Means

Field of the Invention

The present application relates to a field of Internet technology. In particular, it relates to a data backfilling method and means.

Background of the Invention

When users at a web page execute operations such as account registration and filling in account information, they need to enter the appropriate data in input boxes on the web page. Examples include account name, account password, contact information and other such information. For information classification reasons, the various kinds of information that they enter are allocated to different web pages. For example, after filling in "Name" and "Age" in the first page, a user skips to the second page by clicking "Next" on the first page. At the same time, the content entered in the first page is submitted to a server. If, while performing an operation on the second page, the user wishes to modify the first page "Name," the user may click "Previous" on the second page to return to the first page.

When the user returns to the first page, the browser needs to take "Name," "Age" and other such content previously entered by the user and backfill them into the corresponding input boxes of the first page so that the user may conveniently view and modify them.

However, in actual applications, when Chinese characters occur in the content entered by the user, "garbled characters" will often appear when backfilling takes place. As a result, the user's experience is adversely affected, for the user is unable to have a normal view of the content that was entered earlier.

Summary of the Invention

In view of the above, the present application provides a method and a system according to claims 1 and 6 for data backfilling that can smoothly achieve backfilling operations for page data and which will not let garbled characters appear in the backfill content.

To achieve the objective stated above, the present application puts forward the following technical schemes:

in accordance with a first aspect of the present application, it puts forward a data backfilling method, which comprises:

associatively sending user input data in the first page of a terminal and the identifiers of the input boxes in said first page to a server for them to be stored by said server, the stored content mapping to the sessionID of said terminal and to the identifier of said first page;

CLAIMS

1. A method, comprising:
 - sending, to a server, user input data corresponding to respective ones of one or more input boxes at a first web page and one or more input box identifiers associated with the one or more input boxes, wherein the user input data is associated with a session identifier associated with a terminal and a first web page identifier, wherein the user input data corresponding to respective ones of the one or more input boxes at the first web page is character encoded by and stored by the server upon being received by the server;
 - receiving an indication, at the terminal, that a user selection to view the first web page has been performed at a second web page;
 - in response to the indication, sending a data acquisition request to the server, wherein the data acquisition request comprises the session identifier associated with the terminal and the first web page identifier;
 - receiving, from the server, the user input data corresponding to respective ones of the one or more input boxes at the first web page and the one or more associated input box identifiers, wherein the user input data corresponding to respective ones of the one or more input boxes at the first web page was character decoded by the server before being sent to the terminal by the server; and
 - presenting, at the terminal, the first web page including the user input data corresponding to respective ones of the one or more input boxes.
2. The method of claim 1, wherein the user input data corresponding to respective ones of the one or more input boxes at the first web page is not stored at the terminal.
3. The method of claim 1, wherein sending the user input data corresponding to respective ones of the one or more input boxes at the first web page comprises to package the user input data corresponding to respective ones of the one or more input boxes at the first web page according to a preset format and to send a package of data to the server.
4. The method of claim 1, wherein sending the user input data corresponding to respective ones of the one or more input boxes at the first web page comprises packaging the user input data corresponding to respective ones of the one or more input boxes at the first web page according to a preset format and sending a package of data to the server, wherein the preset format comprises a JavaScript Object Notation, JSON, format.
5. The method of claim 1, wherein the indication comprises a first indication, wherein the method further comprising:
 - receiving updated user input data corresponding to respective ones of the one or more input boxes at the first web page;
 - receiving a second indication at the terminal that a third web page is selected; and

in response to the second indication, sending the updated user input data corresponding to respective ones of the one or more input boxes at the first web page to the server, wherein the updated user input data is associated with the session identifier associated with the terminal and the first web page identifier.

6. A system comprising a terminal and a server, whereby the terminal is configured to:
send, to the server, user input data corresponding to respective ones of one or more input boxes at a first web page and one or more input box identifiers associated with the one or more input boxes, wherein the user input data is associated with a session identifier associated with a terminal and a first web page identifier, wherein the user input data corresponding to respective ones of the one or more input boxes at the first web page is character encoded by and stored by the server upon being received by the server;

receive an indication, at the terminal, that the first web page is selected to be returned to from a second web page;

in response to the indication, send a data acquisition request to the server, wherein the data acquisition request comprises the session identifier associated with the terminal and the first web page identifier;

receive, from the server, the user input data corresponding to respective ones of the one or more input boxes at the first web page and the one or more associated input box identifiers, wherein the user input data corresponding to respective ones of the one or more input boxes at the first web page was character decoded by the server before being sent to the terminal by the server; and

present, at the terminal, the first web page including the user input data corresponding to respective ones of the one or more input boxes; and

one or more memories coupled to the one or more processors and configured to provide instructions to the one or more processors.

7. The system of claim 6, wherein the user input data corresponding to respective ones of the one or more input boxes at the first web page is not stored at the terminal.

8. The system of claim 6, wherein to send the user input data corresponding to respective ones of the one or more input boxes at the first web page comprises to package the user input data corresponding to respective ones of the one or more input boxes at the first web page according to a preset format and to send a package of data to the server.

9. The system of claim 6, wherein to send the user input data corresponding to respective ones of the one or more input boxes at the first web page comprises to package the user input data corresponding to respective ones of the one or more input boxes at the first web page according to a preset format and to send a package of data to the server, wherein the preset format comprises a JavaScript Object Notation, JSON, format.

10. The system of claim 6, wherein the indication comprises a first indication, wherein the one or more processors are further configured to:

- receive updated user input data corresponding to respective ones of the one or more input boxes at the first web page;
- receive a second indication, at the terminal that a third web page is selected; and
- in response to the second indication, send the updated user input data corresponding to respective ones of the one or more input boxes at the first web page to the server, wherein the updated user input data is associated with the session identifier associated with the terminal and the first web page identifier.