

What is claimed is:

1. A method of page displaying comprising:

obtaining page data of a current page of an application; wherein the page data comprises a page screenshot and view identifiers, view names, and hierarchical information of a plurality of views;

adding the plurality of view identifiers to a plurality of arrays according to a preset rule, comprising extracting the view identifier corresponding to the view whose view name is the same as the view name of a preset root view in the page data, marking the view whose view name is the same as the view name of the preset root view as a parent view, and adding the extracted view identifier to the highest-level array; traversing the page data according to the hierarchical information between the plurality of views, extracting the view identifier of a child view corresponding to the parent view in the page data, and adding the view identifier of the child view to the next highest-level array; regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; when the corresponding child view exists in the page data, adding the view identifier of the corresponding child view to the next-level array, returning to the step of regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; and when the corresponding child view does not exist in the page data, obtaining the lowest-level array; wherein the plurality of arrays have different levels;

querying a view name corresponding to a view identifier in a highest-level array, and marking the view name corresponding to the view identifier in the highest-level array as a parent node;

querying a view name corresponding to a view identifier in a next highest-level array, and marking the view name corresponding to the view identifier in the next highest-level array as a child node of the parent node according to the hierarchical information between the plurality of views;

regarding the child node as a parent node of a view name corresponding to a view identifier in a next-level array to iterate until a lowest-level array;

generating a multi-fork tree corresponding to the current page of the

application using the parent node and the corresponding child node; and

generating hierarchical paths respectively corresponding to the plurality of views according to the multi-fork tree, adding a corresponding burial point frame to the respective view at the page screenshot according to the hierarchical paths, and transmitting the page screenshot provided with the burial point frame to a preset terminal, so that the page screenshot provided with the burial point frame is displayed by the preset terminal.

2. The method according to claim 1, wherein the page data further comprises attribute information of the plurality of views; the view name corresponding to the view identifier in the highest-level array is a root node of the multi-fork tree; the hierarchical path comprises a view path and an index path; the generating the hierarchical paths corresponding to the plurality of views respectively according to the multi-fork tree comprises:

identifying a touchable view in the page screenshot according to the attribute information;

querying a corresponding node in the multi-fork tree according to the view identifier corresponding to the touchable view, and marking the node as a target node;

using the first preset identifier to sequentially join the view names respectively corresponding to a plurality of nodes from the root node to the target node to obtain a directory string, and regarding the directory string as the view path of the view corresponding to the target node;

separately numbering the views corresponding to nodes of different hierarchies in the multi-fork tree, separately numbering the different view types corresponding to nodes of the same hierarchy, and regarding the numbers as view indexes of the corresponding views; and

using the second preset identifier to sequentially join the view names respectively corresponding to a plurality of nodes from the root node to the target node to obtain an index string, and regarding the index string as the index path of the

view corresponding to the target node.

3. The method according to claim 1, wherein the adding the corresponding burial point frame to the respective view at the page screenshot according to the hierarchical paths comprises:

traversing the multi-fork tree, sequentially numbering the plurality of nodes in the multi-fork tree, and regarding the numbers as a coinciding index of the view corresponding to the respective node;

adding the corresponding burial point frame to the respective view in the page screenshot according to the hierarchical paths; and

when the burial point frames corresponding to the plurality of touchable views are coincident with each other, obtaining the coinciding indexes corresponding to the respective views, and adjusting the positions of the burial point frames according to the coinciding indexes.

4. A method of page displaying comprising:

obtaining page data of a current page of an application; wherein the page data comprises a page screenshot and view identifiers, view names, and hierarchical information of a plurality of views;

transmitting the page data to a server, such that the server adds the plurality of view identifiers to a plurality of arrays according to a preset rule, comprising extracting the view identifier corresponding to the view whose view name is the same as the view name of a preset root view in the page data, marking the view whose view name is the same as the view name of the preset root view as a parent view, and adding the extracted view identifier to the highest-level array; traversing the page data according to the hierarchical information between the plurality of views, extracting the view identifier of a child view corresponding to the parent view in the page data, and adding the view identifier of the child view to the next highest-level array; regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; when the corresponding child view exists in the

page data, adding the view identifier of the corresponding child view to the next-level array, returning to the step of regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; and when the corresponding child view does not exist in the page data, obtaining the lowest-level array; wherein the plurality of arrays have different levels; marking a view name corresponding to a view identifier in a highest-level array as a parent node; marking a view name corresponding to a view identifier in a next highest-level array as a child node of the parent node; regarding the child node as a parent node of the view name corresponding to the view identifier in a next-level array to iterate until a lowest-level array; generating a multi-fork tree corresponding to the current page of the application using the parent node and the corresponding child node; and generating hierarchical paths respectively corresponding to the plurality of views according to the multi-fork tree, adding a corresponding burial point frame to the respective view at the page screenshot according to the hierarchical paths, and transmitting the page screenshot provided with the burial point frame to a preset terminal, so that the page screenshot provided with the burial point frame is displayed by the preset terminal; and

receiving the hierarchical paths corresponding to the plurality of buried point views returned by the server; wherein the hierarchical path is generated according to the multi-fork tree when the server detects a burial point operation corresponding to the plurality of views of the preset terminal; and when a touch event corresponding to the view is intercepted, matching the touched view and the buried point view according to the hierarchical path, and reporting the touch event when the matching is successful.

5. The method of claim 4, wherein the obtaining page data of the current page of the application comprises:

receiving a screenshot request transmitted by the server; the screenshot request carries a screenshot identifier corresponding to a page screenshot transmitted to the server last time;

taking a screenshot of the current page of the application to obtain a current page screenshot, obtaining a screenshot identifier corresponding to the current page screenshot; the step of transmitting the page data to the server comprises:

comparing the screenshot identifier of the last page screenshot with the screenshot identifier of the current page screenshot; and

transmitting the current page screenshot and the corresponding screenshot identifier to the server when the screenshot identifier of the last page screenshot is inconsistent with the screenshot identifier of the current page screenshot.

6. The method according to claim 4, wherein the hierarchical path comprises a view path and an index path; and the step of matching the touched view and the buried point view according to the hierarchical path, and reporting the touch event when the matching is successful comprises:

obtaining the view path and the index path of the touched view;

obtaining the view paths and the index paths of the plurality of buried point views transmitted by the server;

matching the view path of the touched view with the view path of the buried point view, and matching the index path of the touched view with the index path of the buried point view; and

when the view paths and the index paths of the touched view and the buried point view are successfully matched respectively, reporting the touch event corresponding to the touched view to the server.

7. An apparatus of page displaying comprising:

a data obtaining module configured to obtain page data of a current page of an application; wherein the page data comprises a page screenshot and view identifiers, view names, and hierarchical information of a plurality of views;

a multi-fork tree building module configured to add a plurality of view identifiers to a plurality of arrays according to a preset rule, comprising extracting the view identifier corresponding to the view whose view name is the same as the view

name of a preset root view in the page data, marking the view whose view name is the same as the view name of the preset root view as a parent view, and adding the extracted view identifier to the highest-level array; traversing the page data according to the hierarchical information between the plurality of views, extracting the view identifier of a child view corresponding to the parent view in the page data, and adding the view identifier of the child view to the next highest-level array; regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; when the corresponding child view exists in the page data, adding the view identifier of the corresponding child view to the next-level array, returning to the step of regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; and when the corresponding child view does not exist in the page data, obtaining the lowest-level array; wherein the plurality of arrays have different levels; query a view name corresponding to a view identifier in a highest-level array, mark the view name corresponding to the view identifier in the highest-level array as a parent node; query a view name corresponding to a view identifier in a next highest-level array, and mark the view name corresponding to the view identifier in the next highest-level array as a child node of the parent node according to the hierarchical information between the plurality of views; regard the child node as a parent node of a view name corresponding to a view identifier in a next-level array to iterate until a lowest-level array; and generate a multi-fork tree corresponding to the current page of the application using the parent node and the corresponding child node; and

a page displaying module configured to generate hierarchical paths respectively corresponding to the plurality of views according to the multi-fork tree, add a corresponding burial point frame to the respective view at the page screenshot according to the hierarchical paths, and transmit the page screenshot provided with the burial point frame to a preset terminal, so that the page screenshot provided with the burial point frame is displayed by the preset terminal.

8. A computer device comprising a processor; and a memory storing

computer-readable instructions therein which, when executed by the processor cause the processor to perform steps comprising:

- obtaining page data of a current page of an application; wherein the page data comprises a page screenshot and view identifiers, view names, and hierarchical information of a plurality of views;

- adding the plurality of view identifiers to a plurality of arrays according to a preset rule, comprising extracting the view identifier corresponding to the view whose view name is the same as the view name of a preset root view in the page data, marking the view whose view name is the same as the view name of the preset root view as a parent view, and adding the extracted view identifier to the highest-level array; traversing the page data according to the hierarchical information between the plurality of views, extracting the view identifier of a child view corresponding to the parent view in the page data, and adding the view identifier of the child view to the next highest-level array; regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; when the corresponding child view exists in the page data, adding the view identifier of the corresponding child view to the next-level array, returning to the step of regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; and when the corresponding child view does not exist in the page data, obtaining the lowest-level array; wherein the plurality of arrays have different levels;

- querying a view name corresponding to a view identifier in a highest-level array, and marking the view name corresponding to the view identifier in the highest-level array as a parent node;

- querying a view name corresponding to a view identifier in a next highest-level array, and marking the view name corresponding to the view identifier in the next highest-level array as a child node of the parent node according to the hierarchical information between the plurality of views;

- regarding the child node as a parent node of a view name corresponding to a view identifier in a next-level array to iterate until a lowest-level array;

- generating a multi-fork tree corresponding to the current page of the

application using the parent node and the corresponding child node; and

generating hierarchical paths respectively corresponding to the plurality of views according to the multi-fork tree, adding a corresponding burial point frame to the respective view at the page screenshot according to the hierarchical paths, and transmitting the page screenshot provided with the burial point frame to a preset terminal, so that the page screenshot provided with the burial point frame is displayed by the preset terminal.

9. The computer device according to claim 8, wherein the page data further comprises attribute information of the plurality of views; the view name corresponding to the view identifier in the highest-level array is a root node of the multi-fork tree; the hierarchical path comprises a view path and an index path; the processor is further caused to perform steps comprising:

identifying a touchable view in the page screenshot according to the attribute information;

querying a corresponding node in the multi-fork tree according to the view identifier corresponding to the touchable view, and marking the node as a target node;

using the first preset identifier to sequentially join the view names respectively corresponding to a plurality of nodes from the root node to the target node to obtain a directory string, and regarding the directory string as the view path of the view corresponding to the target node; and

separately numbering the views corresponding to nodes of different hierarchies in the multi-fork tree, separately numbering the different view types corresponding to nodes of the same hierarchy, and regarding the numbers as view indexes of the corresponding views; and using the second preset identifier to sequentially join the view names respectively corresponding to a plurality of nodes from the root node to the target node to obtain an index string, and regarding the index string as the index path of the view corresponding to the target node.

10. The computer device according to claim 8, wherein the processor is further

caused to perform steps comprising:

- traversing the multi-fork tree, sequentially numbering the plurality of nodes in the multi-fork tree, and regarding the numbers as a coinciding index of the view corresponding to the respective node;

- adding the corresponding burial point frame to the respective view in the page screenshot according to the hierarchical paths; and

- when the burial point frames corresponding to the plurality of touchable views are coincident with each other, obtaining the coinciding indexes corresponding to the respective views, and adjusting the positions of the burial point frames according to the coinciding indexes.

11. A computer device comprising a processor; and a memory storing computer-readable instructions therein, which, when executed by the processor cause the processor to perform steps comprising:

- obtaining page data of a current page of an application; wherein the page data comprises a page screenshot and view identifiers, view names, and hierarchical information of a plurality of views;

- transmitting the page data to a server, such that the server adds the plurality of view identifiers to a plurality of arrays according to a preset rule, comprising extracting the view identifier corresponding to the view whose view name is the same as the view name of a preset root view in the page data, marking the view whose view name is the same as the view name of the preset root view as a parent view, and adding the extracted view identifier to the highest-level array; traversing the page data according to the hierarchical information between the plurality of views, extracting the view identifier of a child view corresponding to the parent view in the page data, and adding the view identifier of the child view to the next highest-level array; regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; when the corresponding child view exists in the page data, adding the view identifier of the corresponding child view to the next-level array, returning to the step of regarding the child view as the parent view, querying

whether a corresponding child view exists in the page data; and when the corresponding child view does not exist in the page data, obtaining the lowest-level array; wherein the plurality of arrays have different levels; marking a view name corresponding to a view identifier in a highest-level array as a parent node; marking a view name corresponding to a view identifier in a next highest-level array as a child node of the parent node; regarding the child node as a parent node of a view name corresponding to a view identifier in a next-level array to iterate until a lowest-level array; generating a multi-fork tree corresponding to the current page of the application using the parent node and the corresponding child node; and generating hierarchical paths respectively corresponding to the plurality of views according to the multi-fork tree, adding a corresponding burial point frame to the respective view at the page screenshot according to the hierarchical paths, and transmitting the page screenshot provided with the burial point frame to a preset terminal, so that the page screenshot provided with the burial point frame is displayed by the preset terminal; and

receiving the hierarchical paths corresponding to the plurality of buried point views returned by the server; wherein the hierarchical path is generated according to the multi-fork tree when the server detects a burial point operation corresponding to the plurality of views of the preset terminal; and when a touch event corresponding to the view is intercepted, matching the touched view and the buried point view according to the hierarchical path, and reporting the touch event when the matching is successful.

12. The computer device according to claim 11, wherein the processor is further caused to perform steps comprising:

receiving a screenshot request transmitted by the server; the screenshot request carries a screenshot identifier corresponding to a page screenshot transmitted to the server last time; and

taking a screenshot of the current page of the application to obtain a current page screenshot, obtaining a screenshot identifier corresponding to the current page

screenshot;

- the step of transmitting the page data to the server comprises:

- comparing the screenshot identifier of the last page screenshot with the screenshot identifier of the current page screenshot; and

- transmitting the current page screenshot and the corresponding screenshot identifier to the server when the screenshot identifier of the last page screenshot is inconsistent with the screenshot identifier of the current page screenshot.

13. The computer device according to claim 11, wherein the hierarchical path comprises a view path and an index path; the processor is further caused to perform steps comprising:

- obtaining the view path and the index path of the touched view;

- obtaining the view paths and the index paths of the plurality of buried point views transmitted by the server; and

- matching the view path of the touched view with the view path of the buried point view, and matching the index path of the touched view with the index path of the buried point view; and when the view paths and the index paths of the touched view and the buried point view are successfully matched respectively, and reporting the touch event corresponding to the touched view to the server.

14. One or more non-transitory storage medium storing computer-readable instructions thereon that, when executed by one or more processors, cause the one or more processors to perform steps comprising:

- obtaining page data of a current page of an application; wherein the page data comprises a page screenshot and view identifiers, view names, and hierarchical information of a plurality of views;

- adding the plurality of view identifiers to a plurality of arrays according to a preset rule, comprising extracting the view identifier corresponding to the view whose view name is the same as the view name of a preset root view in the page data, marking the view whose view name is the same as the view name of the preset root

view as a parent view, and adding the extracted view identifier to the highest-level array; traversing the page data according to the hierarchical information between the plurality of views, extracting the view identifier of a child view corresponding to the parent view in the page data, and adding the view identifier of the child view to the next highest-level array; regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; when the corresponding child view exists in the page data, adding the view identifier of the corresponding child view to the next-level array, returning to the step of regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; and when the corresponding child view does not exist in the page data, obtaining the lowest-level array; wherein the plurality of arrays have different levels;

querying a view name corresponding to a view identifier in a highest-level array, and marking the view name corresponding to the view identifier in the highest-level array as a parent node;

querying a view name corresponding to the view identifier in a next highest-level array, and marking the view name corresponding to the view identifier in the next highest-level array as a child node of the parent node according to the hierarchical information between the plurality of views;

regarding the child node as a parent node of a view name corresponding to a view identifier in a next-level array to iterate until a lowest-level array;

generating a multi-fork tree corresponding to the current page of the application using the parent node and the corresponding child node; and

generating hierarchical paths respectively corresponding to the plurality of views according to the multi-fork tree, adding a corresponding burial point frame to the respective view at the page screenshot according to the hierarchical paths, and transmitting the page screenshot provided with the burial point frame to a preset terminal, so that the page screenshot provided with the burial point frame is displayed by the preset terminal.

15. The storage medium according to claim 14, wherein the page data further

comprises attribute information of the plurality of views; the view name corresponding to the view identifier in the highest-level array is a root node of the multi-fork tree; the hierarchical path comprises a view path and an index path; the processor is further caused to perform steps comprising:

- identifying a touchable view in the page screenshot according to the attribute information;

- querying a corresponding node in the multi-fork tree according to the view identifier corresponding to the touchable view, and marking the node as a target node;

- using the first preset identifier to sequentially join the view names respectively corresponding to a plurality of nodes from the root node to the target node to obtain a directory string, and regarding the directory string as the view path of the view corresponding to the target node; and

- separately numbering the views corresponding to nodes of different hierarchies in the multi-fork tree, separately numbering the different view types corresponding to nodes of the same hierarchy, and regarding the numbers as view indexes of the corresponding views; and using the second preset identifier to sequentially join the view names respectively corresponding to a plurality of nodes from the root node to the target node to obtain an index string, and regarding the index string as the index path of the view corresponding to the target node.

16. The storage medium according to claim 14, wherein the processor is further caused to perform steps comprising: traversing the multi-fork tree, sequentially numbering the plurality of nodes in the multi-fork tree, and regarding the numbers as a coinciding index of the view corresponding to the respective node;

- adding a corresponding burial point frame to the respective view in the page screenshot according to the hierarchical paths; and

- when the burial point frames corresponding to the plurality of touchable views are coincident with each other, obtaining the coinciding indexes corresponding to the respective views, and adjusting the positions of the burial point frames according to the coinciding indexes.

17. One or more non-transitory storage medium storing computer-readable instructions thereon that, when executed by one or more processors, cause the one or more processors to perform steps comprising: obtaining page data of a current page of an application; wherein the page data comprises a page screenshot and view identifiers, view names, and hierarchical information of a plurality of views;

transmitting the page data to a server, such that the server adds the plurality of view identifiers to a plurality of arrays according to a preset rule, comprising extracting the view identifier corresponding to the view whose view name is the same as the view name of a preset root view in the page data, marking the view whose view name is the same as the view name of the preset root view as a parent view, and adding the extracted view identifier to the highest-level array; traversing the page data according to the hierarchical information between the plurality of views, extracting the view identifier of a child view corresponding to the parent view in the page data, and adding the view identifier of the child view to the next highest-level array; regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; when the corresponding child view exists in the page data, adding the view identifier of the corresponding child view to the next-level array, returning to the step of regarding the child view as the parent view, querying whether a corresponding child view exists in the page data; and when the corresponding child view does not exist in the page data, obtaining the lowest-level array; wherein the plurality of arrays have different levels; marking a view name corresponding to a view identifier in a highest-level array as a parent node; marking a view name corresponding to a view identifier in a next highest-level array as a child node of the parent node; regarding the child node as a parent node of a view name corresponding to a view identifier in a next-level array to iterate until a lowest-level array; generating a multi-fork tree corresponding to the current page of the application using the parent node and the corresponding child node; and generating hierarchical paths respectively corresponding to the plurality of views according to the multi-fork tree, adding a corresponding burial point frame to the respective view

at the page screenshot according to the hierarchical paths, and transmitting the page screenshot provided with the burial point frame to a preset terminal, so that the page screenshot provided with the burial point frame is displayed by the preset terminal; and

receiving the hierarchical paths corresponding to the plurality of buried point views returned by the server; wherein the hierarchical path is generated according to the multi-fork tree when the server detects a burial point operation corresponding to the plurality of views of the preset terminal; and when a touch event corresponding to the view is intercepted, matching the touched view and the buried point view according to the hierarchical path, and reporting the touch event when the matching is successful.

18. The storage medium according to claim 17, wherein the processor is further caused to perform steps comprising: receiving a screenshot request transmitted by the server; the screenshot request carries a screenshot identifier corresponding to a page screenshot transmitted to the server last time; and

taking a screenshot of the current page of the application to obtain a current page screenshot, obtaining a screenshot identifier corresponding to the current page screenshot; the step of transmitting the page data to the server comprises:

comparing the screenshot identifier of the last page screenshot with the screenshot identifier of the current page screenshot; and

transmitting the current page screenshot and the corresponding screenshot identifier to the server when the screenshot identifier of the last page screenshot is inconsistent with the screenshot identifier of the current page screenshot.

19. The storage medium according to claim 17, wherein the hierarchical path comprises a view path and an index path; the processor is further caused to perform steps comprising:

obtaining the view path and the index path of the touched view;

obtaining the view paths and the index paths of the plurality of buried point

views transmitted by the server;

    matching the view path of the touched view with the view path of the buried point view, and matching the index path of the touched view with the index path of the buried point view; and

    when the view paths and the index paths of the touched view and the buried point view are successfully matched respectively, reporting the touch event corresponding to the touched view to the server.