

CLAIMS

1. A method for extracting data, the method comprising:

receiving a pressing operation instruction on a touchscreen (101), wherein the pressing operation instruction is received in response to a predetermined pressing operation of a finger of a user on the touchscreen, wherein the pressing operation is determined, by a terminal device that includes the touchscreen, as an instruction to trigger data extraction;

determining a pressing operation position on the touchscreen based on the pressing operation instruction (101), including determining an actual coverage area of the finger on the touchscreen;

determining, based on the pressing operation position, a data area, from which data needs to be extracted (102), wherein the data area (i) is larger than the actual coverage area and (ii) is a combination of the actual coverage area and a predetermined tolerance region;

determining a corresponding data extraction rule based on the data in the data area (103), comprising:

determining a type of the data in the data area, comprising:

sequentially parsing all the data in the data area;

determining whether a character input status of each piece of data is a double-byte or a single-byte, wherein double-byte means that one character occupies two standard character positions, and single-byte means that one character occupies one standard character position; and

determining a type of each piece of data based on the character input status;

and

determining, from a plurality of candidate data extraction rules, the corresponding data extraction rule based on the data types, wherein the plurality of candidate data extraction rules each specify respective types of data to be extracted and are assigned different priorities based on the respective data types;

wherein parsing the specific data in the data area based on the data extraction rule, to extract the pending data comprises parsing the specific data in the data area

based on the data extraction rule with the highest priority, to extract the pending data; and

parsing specific data in the data area based on the corresponding data extraction rule and extracting pending data, the pending data being data pending to be extracted that is extracted by the data extraction rule, wherein the specific data is some or all data in the data area (104).

2. The method according to claim 1, wherein parsing the specific data in the data area based on a data extraction rule with the highest priority, to extract the pending data comprises:

displaying a prompt information for confirming the pending data;

if a predetermined confirmation instruction is received, obtaining the pending data; and

if a predetermined reselection instruction is received, continuing to extract the specific data in the data area based on a data extraction rule priority until a predetermined confirmation instruction is received, to obtain the pending data after re-extraction.

3. The method according to claim 1, wherein determining the corresponding data extraction rule based on the data in the data area further comprises:

obtaining an attribute information of the data in the data area; and

determining the data extraction rule based on the attribute information;

wherein obtaining the attribute information of the data in the data area comprises:

segmenting all the data in the data area into words;

searching data obtained after word segmentation for data that matches a predetermined keyword, wherein the predetermined keyword is used to identify the attribute information; and

determining attribute information of the data based on the predetermined keyword.

4. The method according to claim 3, wherein before determining the corresponding data extraction rule based on the data in the data area, the method further comprises:

generating the data extraction rule, and configuring the data extraction rule.

5. The method according to claim 4, wherein configuring the data extraction rule comprises:

configuring a priority of the data extraction rule based on different data types; or

configuring the data extraction rule based on the attribute information of the data.

6. The method according to any one of claims 1 to 5, wherein after parsing specific data in the data area based on the data extraction rule, to extract the pending data, the method further comprises:

5 outputting prompt information indicating that the pending data is successfully obtained.

7. The method according to any one of claims 1 to 6, wherein parsing the specific data comprises removing redundant data comprising space and punctuation marks.

10 8. The method according to any one of claims 1 to 7, further comprising displaying a dialog box comprising the extracted pending data.

9. A device for extracting data, the device comprising plurality of modules configured to perform the method of any one of claims 1 to 7.