What is claimed is:

1. A method for generating a file, comprising:

acquiring a metadata file, parsing the metadata file to obtain metadata and a specified file format; wherein the specified file comprises CSV (Comma-Separated Values) format and CSDC (China Securities Depository and Clearing) format;

converting the metadata into a corresponding source code according to a mapping relationship between field information and source code parameters configured in the metadata file;

invoking a corresponding metadata template according to the specified file format,

generating a corresponding interaction file template according to the metadata obtained by parsing and the invoked metadata template, comprising substituting the metadata into the metadata template, determining a display mode of a field in the metadata according to the metadata template, and determining a field display position of the field in the metadata in the metadata template; wherein the metadata template determines a character padding and/or a date display format and/or an amount display format corresponding to the field according to the data type of each field in the metadata; and

generating an interaction file according to the source code and the interaction file template.

2. The method according to claim 1, wherein the generating the corresponding interaction file template according to the metadata obtained by parsing and the invoked metadata template further comprises:

adding file header information in the metadata to a file header of the metadata template to obtain the interaction file template.

3. The method according to claim 2, wherein the display mode of the field comprises a character padding mode and/or a date display format and/or an amount display format.

4. The method according to any one of claims 1 to 3, wherein the generating the

interaction file according to the source code and the interaction file template comprises:

acquiring a data value corresponding to each field in the metadata according to the source code, and inserting the acquired data value into a corresponding location in the interaction file template to generate the interaction file.

5. The method according to claim 4, wherein the inserting the acquired data value into the corresponding location in the interaction file template to generate the interaction file comprises:

inserting the acquired data value into the field display position of the corresponding field in the interaction file template according to the source code;

acquiring a length of the inserted data value and a preset length of the field corresponding to the inserted data value; and

performing character padding processing to the data value according to a corresponding data type of the field when the length of the data value is less than the preset length, and obtaining the interaction file according to the file after the character padding processing.

6. The method according to claim 5, wherein the performing the character padding processing to the data value according to the corresponding data type of the field comprises:

detecting the data type of the field corresponding to the inserted data value;

performing zero digit character left padding and right aligning processing to the data value when the data type corresponding to the field is a numeric type; and

performing space character right padding and left aligning processing to the data value when the data type corresponding to the field is a character type.

7. An apparatus for generating a file, comprising:

a parsing module configured to acquire a metadata file, parsing the metadata file to obtain metadata and a specified file format;

a source code generating module configured to convert the metadata into

a corresponding source code according to a mapping relationship between field information and source code parameters configured in the metadata file; wherein the specified file comprises CSV (Comma-Separated Values) and CSDC (China Securities Depository and Clearing);

an interaction file template generation module configured to:

invoke a corresponding metadata template according to the specified file format,

generate a corresponding interaction file template according to the metadata obtained by parsing and the invoked metadata template

substitute the metadata into the metadata template,

determine a display mode of a field in the metadata according to the metadata template, and

determine a field display position of the field in the metadata in the metadata template; wherein the metadata template determines a character padding and/or a date display format and/or an amount display format corresponding to the field according to the data type of each field in the metadata; and

an interaction file generating module configured to generate an interaction file according to the source code and the interaction file template.

8. The apparatus according to claim 7, wherein the interaction file template generating module is further configured to: add file header information in the metadata to a file header of the metadata template to obtain the interaction file template.

9. The apparatus according to claim 7 or 8, wherein the interaction file generating module is further configured to acquire a data value corresponding to each field in the metadata according to the source code, and insert the acquired data value into a corresponding location in the interaction file template to generate the interaction file.

10. The apparatus according to claim 9, wherein the interaction file generating module comprises

a data value insertion module configured to insert the acquired data value into the field display position of the corresponding field in the interaction file template according to the source code; and

a character padding module configured to acquire a length of the inserted data value and a preset length of the field corresponding to the inserted data value; and perform character padding processing to the data value according to a corresponding data type of the field when the length of the data value is less than the preset length, and obtain the interaction file according to the file after the character padding processing.

11. A computer device, comprising a memory, a processor, the memory storing computer-readable instructions that are executed by the processor, wherein the computer- readable instructions are executed by the processor, causing the processor to perform the steps in a method of any one of claims 1 to 6.

12. A computer-readable storage medium storing computer-readable instructions that are executed by the processor, causing the processor to perform the steps in a method of any one of claims 1 to 6.