the metadata is converted into a corresponding source code according to a mapping relationship between field information and source code parameters configured in the metadata file; a corresponding metadata template is invoked according to the specified file format, and a corresponding interaction file template is generated according to the metadata obtained by parsing and the invoked metadata template; and an interaction file is generated according to the source code and the interaction file template. This is equivalent to specifying the file format in the metadata file, and combining the metadata in the metadata file with the metadata template corresponding to the specified file format to generate the interaction file template dynamically, and further generating the interaction file by combining the source code after metadata translation and the interaction file template. Since it is not necessary to write a set of interaction file code for generating a corresponding format for each file format, the written amount of code is reduced, and the redundancy of the code is avoided.

[0061] In addition, the corresponding interaction file templates are generated automatically according to the metadata instead of manually configuring multiple sets of fixed interaction file templates, which improves the efficiency of interaction file template generation compared with manually configuring multiple sets of interaction file templates.

[0062] As shown in FIG. 4, in an embodiment, the step of inserting the acquired data value into the corresponding location in the interaction file template to generate the interaction file includes the step of character padding processing, which specifically includes the following steps:

[0063] At step 402, the acquired data value is inserted into a field display position of the corresponding field in the interaction file template according to the source code.

[0064] In the embodiment, the server inserts the acquired data value into the field display location of the corresponding field in the interaction file template according to the source code, for example, inserting the acquired data value "No. XXX, XXX Road, Nanshan District, Shenzhen, Guangdong Province" in to the field display