

DATA PROCESSING METHOD AND SYSTEM

TECHNICAL FIELD

[0001] This specification relates to the Internet field, and in particular, to a data processing method and system.

5

BACKGROUND

[0002] Cross-border e-commerce refers to an e-commerce platform and online transaction platform on which transaction entities belonging to different customs areas implement transactions, and make a payment and settlement through the e-commerce platform, and deliver products and complete the transactions through cross-border logistics. A cross-border e-commerce platform provides an exchange settlement service for a seller on the platform, that is, the cross-border e-commerce seller exchanges a foreign currency collected from a buyer into a domestic currency. According to regulations of regulatory authorities in some countries, before declaration can be made, transaction details need to be provided to prove that an exchange settlement amount is an overseas real transaction.

15 [0003] Currently, the cross-border e-commerce seller can choose to manually upload the transaction details to perform an exchange settlement operation. In this process, the seller needs to manually fill in all transaction details one by one based on a template specification provided by an exchange platform. However, data processing efficiency is low in this manual operation manner. Therefore, a data processing method and system need to be provided, to improve data processing efficiency of different platforms.

20

[0004] Content in the background part is merely information known to the inventor, and neither means that the information has entered the public domain before the application date of this disclosure, nor means that the information can become the existing technology of this disclosure.

SUMMARY

[0005] This specification provides a data processing method and system, to improve data processing efficiency of different platforms.

[0006] According to a first aspect, this specification provides a data processing method,
5 including: obtaining an identifier of a first data platform and corresponding first data in response to a data processing request of a target user; obtaining a data mapping relationship corresponding to the first data platform based on the identifier of the first data platform, where the data mapping relationship is used to represent a correspondence between data fields in a first data template of the first data platform and a second data template of a second data platform; and parsing the first
10 data based on the data mapping relationship, to generate second data of the second data platform.

[0007] According to a second aspect, this specification further provides a data processing system, including: at least one storage medium that stores at least one instruction set and that is configured to perform data processing; and at least one processor that is communicatively connected to the at least one storage medium. When the data processing system runs, the at least
15 one processor reads the at least one instruction set, and performs the data processing method in the first aspect of this specification based on an indication of the at least one instruction set.

[0008] According to a third aspect, this specification further provides a non-transitory storage medium that stores at least one group of executable instructions. When the at least one group of executable instructions is executed by at least one processor, the data processing method in the
20 first aspect of this specification is performed.

[0009] It can be learned from the foregoing technical solutions that according to the data processing method and system provided in this specification, in the solutions, the identifier of the first data platform and the corresponding first data are obtained in response to the data processing request of the target user; the data mapping relationship used to represent the correspondence
25 between the data fields in the first data template of the first data platform and the second data template of the second data platform is obtained based on the identifier of the first data platform; and the first data is parsed based on the data mapping relationship, to obtain the second data of the second data platform. In the solutions, the obtained data mapping relationship represents the correspondence between the data fields in the data template of the first data platform and the data
30 template of the second data platform. Therefore, based on this, the first data of the first data

platform can be converted into the second data that can be identified by the second data platform, to improve data conversion and processing efficiency of different platforms, so as to facilitate processing of exchange settlement limit accumulation of the different platforms, and improve processing efficiency of exchange settlement limit accumulation.

5 **[0010]** Other functions of the data processing method and system provided in this specification are partially listed in the following descriptions. Based on the descriptions, content described by using the following numbers and examples is clear to a person of ordinary skill in the art. Creative aspects of the data processing method and system provided in this specification can be fully explained by practice or using the methods, apparatuses, and combinations described in the
10 following detailed examples.

BRIEF DESCRIPTION OF DRAWINGS

[0011] To describe the technical solutions in the embodiments of this specification more clearly, the following briefly describes the accompanying drawings needed for describing the embodiments. Clearly, the accompanying drawings in the following description show merely some
15 embodiments of this specification, and a person of ordinary skill in the art can derive other drawings from these accompanying drawings without creative efforts.

[0012] FIG. 1A is a schematic diagram of a visual interface for applying for an exchange settlement limit in two manners according to a related technology;

[0013] FIG. 1B is a schematic diagram of a visual interface for obtaining an exchange
20 settlement limit in a manual operation manner according to a related technology;

[0014] FIG. 2 is a schematic diagram of a data processing scenario according to an embodiment of this specification;

[0015] FIG. 3 is a diagram of a hardware structure of a computing device 600 according to an embodiment of this specification;

25 **[0016]** FIG. 4 is a flowchart of a data processing method P100 according to an embodiment of this specification;

[0017] FIG. 5 is a schematic diagram of an operation interface for obtaining a first data template according to an embodiment of this specification;

[0018] FIG. 6 is a schematic diagram of a data mapping relationship according to an

embodiment of this specification;

[0019] FIG. 7 is a schematic diagram of another data mapping relationship according to an embodiment of this specification;

[0020] FIG. 8 is a schematic diagram of a selection interface for a data processing type
5 according to an embodiment of this specification;

[0021] FIG. 9 is a schematic diagram of an interface for adaptively generating a data mapping relationship according to an embodiment of this specification; and

[0022] FIG. 10 is a framework diagram of data processing according to an embodiment of this specification.

10

DESCRIPTION OF EMBODIMENTS

[0023] The following descriptions provide specific application scenarios and requirements of this specification, to enable a person skilled in the art to manufacture and use the content of this specification. Various local modifications to the disclosed embodiments are clear to a person skilled in the art. In addition, the general principles defined herein can be applied to other
15 embodiments and applications without departing from the spirit and scope of this specification. Therefore, this specification is not limited to the shown embodiments, but has a widest scope consistent with the claims.

[0024] The terms used herein are merely intended to describe specific example embodiments, and impose no limitation. For example, unless otherwise explicitly stated in the context, the
20 singular forms "one", "an", and "the" used herein can include plural forms. When being used in this specification, the terms "include", "comprise", and/or "contain" mean existence of an associated integer, step, operation, element, and/or component, but does not preclude existence of one or more other features, integers, steps, operations, elements, components, and/or groups or addition of other features, integers, steps, operations, elements, components, and/or groups to the
25 system/method.

[0025] In consideration of the following descriptions, these and other features of this specification, operations and functions of related components of the structure, and economy of combination and manufacturing of components can be significantly improved. With reference to the accompanying drawings, all of these form a part of this specification. However, it should be

clearly understood that the accompanying drawings are merely used for the purpose of illustration and description, and are not intended to limit the scope of this specification. It should be further understood that the accompanying drawings are not drawn to scale.

[0026] The flowcharts used in this specification show operations implemented by the system according to some embodiments of this specification. It should be clearly understood that the operations in the flowcharts may not be sequentially implemented. On the contrary, the operations can be implemented in a reverse order or simultaneously. In addition, one or more other operations can be added to the flowchart, and one or more operations can be removed from the flowchart.

[0027] For ease of description, the related terms in this specification are first explained as follows:

[0028] Transaction details are a record of a sale or transaction made by a user on an e-commerce platform or a transaction platform, and a list or report of detailed information such as a date, time, product information, a transaction amount, logistics information, a transaction status, and two transaction parties of the transaction is recorded in the transaction details. The transaction details can be used to describe the background of transaction funds between the two transaction parties, and used as materials to prove a source of the funds and describe transaction content.

[0029] An exchange settlement limit provides a total transaction amount in transaction details. For example, if a user provides transaction details that include a plurality of pieces of transaction data, a sum of transaction amounts in the plurality of pieces of transaction data is referred to as an accumulated exchange settlement limit.

[0030] In foreign trade, a cross-border e-commerce user usually needs to withdraw obtained overseas funds to a domestic account, that is, performs exchange settlement and withdrawal. Based on requirements of regulatory authorities in some countries, during exchange settlement and withdrawal, the cross-border e-commerce user needs to provide real and effective transaction details to prove validity of the funds. To help the cross-border e-commerce user quickly implement exchange settlement and withdrawal, a cross-border exchange settlement service for exchange settlement limit accumulation is provided in a related technology. The following describes the cross-border exchange settlement service with reference to the accompanying drawings.

[0031] FIG. 1A is a schematic diagram of a visual interface for applying for an exchange settlement limit in two manners according to a related technology. FIG. 1B is a schematic diagram of a visual interface for obtaining an exchange settlement limit in a manual operation manner

according to a related technology.

[0032] As shown in FIG. 1A, a cross-border exchange settlement service platform can provide limit increase manners such as "authorized store" and "upload transaction data". "Authorized store" means that some specific stores can enable, through authorization, the backend to automatically obtain transaction data of sellers in these specific stores, to prove validity of funds, so as to apply for an exchange settlement limit. For stores other than the specific stores, a user needs to upload transaction data in a manual operation manner of "uploading transaction data", to prove validity of funds, so as to obtain an exchange settlement limit.

[0033] When the user selects the manual operation manner of "uploading transaction data" to obtain the exchange settlement limit, a jump from the interface shown in FIG. 1A to the interface shown in FIG. 1B is made. Due to a difference in data field customization between an e-commerce platform or a transaction platform and the cross-border exchange settlement service platform, the same object is described in different manners in a data field in the transaction data uploaded by the user and a data field in a standard template. Therefore, before the cross-border service platform performs exchange settlement processing based on the transaction data uploaded by the user, the user needs to fill the transaction data into the standard template based on a specification requirement of the cross-border service platform.

[0034] As shown in FIG. 1B, after selecting the e-commerce platform or the transaction platform corresponding to the transaction data, the user needs to first download the standard template provided by the cross-border exchange settlement service platform, and fill data in different fields in the transaction data downloaded from the e-commerce platform or the transaction platform into corresponding fields in the standard template. For example, if a field representing an amount in the transaction data downloaded by the user from the e-commerce platform is named "turnover", and a field representing an amount in the standard template is named "trading volume", the user needs to find the field "trading volume" that has a similar meaning to "turnover" in the standard template, and fill an amount value in the "turnover" field into the "trading volume" field. This is repeated until all data in the transaction data is filled into the standard template. Then, the user manually uploads the completed standard template to the cross-border exchange settlement service platform, so that the backend performs exchange settlement limit increase processing for the user.

[0035] It can be learned from the foregoing process that in the related technology, there is a

relatively large amount of content that requires a manual operation of the user. In this case, an error is prone to occur, and exchange settlement processing efficiency is low.

5 **[0036]** Based on this, this specification provides a new data processing method and system. A data mapping relationship corresponding to a first data platform can be obtained based on a data processing request submitted by a target user for the first data platform, and first data that needs to be processed can be parsed based on a correspondence that is between data fields in data templates of different data platforms and that is represented by the data mapping relationship, to convert the first data into second data of a second data platform, so that subsequent exchange settlement limit accumulation of the different platforms is facilitated, to improve exchange settlement processing efficiency.

10 **[0037]** The data processing method in this specification can be applied to an exchange settlement limit accumulation scenario. For example, a data mapping relationship between data fields in a data template of a cross-border e-commerce platform or a cross-border transaction platform and a data template of a cross-border exchange settlement platform is obtained by using the data processing method in this specification, and transaction detail data that needs to be manually filled in is parsed based on the data mapping relationship, to convert the data into transaction detail data that can be identified by the cross-border exchange settlement platform, so that the cross-border exchange settlement platform quickly performs exchange settlement limit accumulation processing, to improve exchange settlement processing efficiency.

20 **[0038]** It should be noted that although the exchange settlement limit application scenario is used as an example for description, a person skilled in the art should understand that applications of the data processing method and system in this specification to other use scenarios also fall within the protection scope of this specification. For ease of understanding, the following uses the exchange settlement limit application scenario as an example for description.

25 **[0039]** FIG. 2 is a schematic diagram of a data processing scenario according to an embodiment of this specification. The data processing scenario 001 can be a scenario in which exchange settlement limit accumulation needs to be performed. As shown in FIG. 2, the data processing scenario 001 can include a target user 100, a client 200, a server 300, and a network 400.

30 **[0040]** The target user 100 can be a user who requests to perform data processing, for example, exchange settlement limit accumulation, and the target user 100 can perform a data processing task

application triggering operation on the client 200.

[0041] The client 200 can be a device that executes a data processing task in response to the triggering operation performed by the target user 100. In some embodiments, the client 200 can include a mobile device, a tablet computer, a laptop computer, a device built in a motor vehicle or similar content, or any combination thereof. In some embodiments, the mobile device can include a smart home device, a smart mobile device, a virtual reality device, an augmented reality device or a similar device, or any combination thereof. In some embodiments, the smart home apparatus can include a smart television, a desktop computer, or any combination. In some embodiments, the smart mobile device can include a smartphone, a personal digital assistant, a game device, a navigation device, or any combination thereof. In some embodiments, the virtual reality device or the augmented reality device can include a virtual reality helmet, virtual reality glasses, a virtual reality handle, an augmented reality helmet, augmented reality glasses, an augmented reality handle or similar content, or any combination thereof. For example, the virtual reality device or the augmented reality device may include smart glasses, a head mounted display, and VR. In some embodiments, the apparatus built in the motor vehicle can include a vehicle-mounted computer, a vehicle-mounted television, and the like.

[0042] In some embodiments, the data processing method subsequently described in this specification can be performed on the client 200. In this case, the client 200 can store data or instructions for performing the data processing method, and can execute or be configured to execute the data or the instructions. In some embodiments, the client 200 can include a hardware device with a data information processing function and a program needed to drive the hardware device to work.

[0043] In some embodiments, one or more application programs (apps) can be installed on the client 200. The app can provide a capability and an interface for interacting with the outside through the network 400 for the target user 100. The app includes but is not limited to a web browser app program, a search app program, a chat app program, a shopping app program, a video app program, a financial app program, an instant messaging tool, a mailbox client, social platform software, or the like. In some embodiments, a target app can be installed on the client 200. In some embodiments, the target user 100 can trigger a data processing request by using the target app. The target app can perform, in response to the data processing request, the data processing method subsequently described in this specification. In some embodiments, the target app can be a

payment app. The target app can further provide a cross-border exchange settlement service.

[0044] In some embodiments, as shown in FIG. 1, the client 200 can be communicatively connected to the server 300. The server 300 can be a server that provides various services, for example, a backend server that provides a data processing service for the client 200. The client
5 200 and the server 300 can be deployed on a same physical device, or can be respectively deployed on different physical devices. In some embodiments, the client 200 can interact with the server 300 through the network 400, to receive or send a message or the like. For example, the client 200 can send a data processing request and transaction data that requires data processing to the server 300. The server 300 can be communicatively connected to a plurality of clients 200, and receive
10 transaction data sent by each client 200.

[0045] In some embodiments, the data processing method subsequently described in this specification can alternatively be performed on the server 300. In this case, the server 300 can store data or instructions for performing the data processing method, and can execute or be configured to execute the data or the instructions. In some embodiments, the server 300 can include
15 a hardware device with a data information processing function and a program needed to drive the hardware device to work.

[0046] The network 400 is a medium configured to provide a communication connection between the client 200 and the server 300. The network 400 can facilitate exchange of information or data. As shown in FIG. 1, the client 200 and the server 300 can be connected through the network
20 400, and transmit information or data to each other through the network 400. In some embodiments, the network 400 can be any type of wired or wireless network, or a combination thereof. For example, the network 400 can include a cable network, a wired network, an optical fiber network, a telecommunications network, an intranet, the Internet, a local area network (LAN), a wide area network (WAN), a wireless local area network (WLAN), a metropolitan area network (MAN), a
25 public switched telephone network (PSTN), a Bluetooth network, a ZigBee network, a near field communication (NFC) network, or a similar network. In some embodiments, the network 400 can include one or more network access points. For example, the network 400 can include a wired or wireless network access point, for example, a base station or an Internet switching point. Through the access point, one or more components of the client 200 and the server 300 can be connected to
30 the network 400 to exchange data or information.

[0047] It should be understood that quantities of clients 200, servers 300, and networks 400 in

FIG. 1 are merely examples. There can be any quantity of clients 200, servers 300, and networks 400 based on implementation needs.

[0048] It should be noted that the data processing method subsequently described in this specification can be completely performed on the client 200, can be completely performed on the server 300, or can be partially performed on the client 200 and partially performed on the server 300.

[0049] FIG. 3 is a diagram of a hardware structure of a computing device according to an embodiment of this specification. The computing device 600 can perform the data processing method subsequently described in this specification. The computing device 600 can serve as a client 200 or a server 300.

[0050] As shown in FIG. 3, the computing device 600 can include at least one storage medium 630 and at least one processor 620. In some embodiments, the computing device 600 can further include a communication port 650 and an internal communication bus 610. In some embodiments, the computing device 600 can further include an I/O component 660.

[0051] The internal communication bus 610 can be connected to different system components. For example, each of the storage medium 630, the processor 620, the communication port 650, and the I/O component 660 can be connected to the internal communication bus 610.

[0052] The I/O component 660 supports input/output between the computing device 600 and other components.

[0053] The communication port 650 is used for data communication between the computing device 600 and the outside. For example, the communication port 650 can be used for data communication between the computing device 600 and a network 400. The communication port 650 can be a wired communication port, or can be a wireless communication port.

[0054] The storage medium 630 can include a data storage apparatus. The data storage apparatus can be a non-transitory storage medium, or can be a transitory storage medium. For example, the data storage apparatus can include one or more of a disk 632, a read-only storage medium (ROM) 634, or a random access storage medium (RAM) 636. The storage medium 630 further includes at least one instruction set stored in the data storage apparatus. The instruction set can include computer program code. The computer program code can include a program, a routine, an object, a component, a data structure, a process, a module, and the like that are used to perform the data processing method subsequently described in this specification.

[0055] The processor 620 is configured to execute the at least one instruction set. When the computing device 600 runs, the processor 620 reads the at least one instruction set, and performs the data processing method based on an indication of the at least one instruction set. The processor 620 can perform all or some of the steps of the data processing method. The processor 620 can be in a form of one or more processors. In some embodiments, the processor 620 can include one or more hardware processors, for example, a microcontroller, a microprocessor, a reduced instruction set computer (RISC), an application-specific integrated circuit (ASIC), an application-specific instruction set processor (ASIP), a central processing unit (CPU), a graphics processing unit (GPU), a physical processing unit (PPU), a microcontroller unit, a digital signal processor (DSP), a field programmable gate array (FPGA), an advanced RISC machine (ARM), a programmable logic device (PLD), any circuit or processor that can perform one or more functions, or any combination thereof. To merely describe a problem, only one processor 620 is described in the computing device 600 in this specification. However, it should be noted that the computing device 600 can further include a plurality of processors. Therefore, the operations and/or method steps disclosed in this specification can be performed by one processor, or can be jointly performed by a plurality of processors. For example, if the processor 620 described in this specification performs step A and step B, it should be understood as that step A and step B can be jointly or separately performed by two different processors 620 (for example, a first processor performs step A, and a second processor performs step B, or a first processor and a second processor jointly perform steps A and B).

[0056] An embodiment of this specification further provides a data processing system. The data processing system can include the computing device 600 shown in FIG. 3.

[0057] FIG. 4 is a flowchart of a data processing method P100 according to an embodiment of this specification. As described above, the computing device 600 can perform the data processing method P100 in this specification. Specifically, the computing device 600 can read an instruction set stored in a local storage medium of the computing device 600, and then perform the data processing method P100 in this specification based on a stipulation of the instruction set. As shown in FIG. 4, the method P100 can include the following steps.

[0058] S120: Obtain an identifier of a first data platform and corresponding first data in response to a data processing request of a target user.

[0059] In this specification, the target user 100 is a user who needs to perform data processing.

In different data processing scenarios, the target user 100 can be a user with different types of data processing requirements. In an example of an exchange settlement limit accumulation scenario, the target user 100 can be a user applying for increasing an exchange settlement limit.

5 **[0060]** The data processing request can be generated by a client 200 in response to triggering by the target user 100. That is, the target user 100 can trigger the data processing request by using the client 200, so that the computing device 600 receives the data processing request. The data processing request can carry the identifier of the first data platform and the first data. When the computing device 600 serves as the client 200, the computing device 600 can identify the data processing request triggered by the target user 100. When the computing device 600 serves as a
10 server 300, the computing device 600 can receive the data processing request sent by the client 200.

[0061] The first data platform can be a platform that provides a cross-border trade activity for the target user 100, for example, a cross-border e-commerce platform or a cross-border transaction platform. The target user 100 can perform a cross-border trade activity on the first data platform.
15 For example, the target user 100 sells a product to an overseas user, to obtain an overseas currency.

[0062] The identifier of the first data platform can represent a cross-border e-commerce platform or a transaction platform that is the first data platform. When the target user 100 performs the cross-border trade activity on the first data platform, the first data platform can generate transaction details (that is, the first data) based on the cross-border trade activity for the target user
20 100.

[0063] It should be noted that although an example in which the first data platform is a cross-border e-commerce platform and the first data is transaction detail data is used for description, a person skilled in the art should understand that the first data platform can alternatively be another appropriate data platform such as a payment platform, and the first data is corresponding payment
25 data. This also falls within the scope of the embodiments of this specification.

[0064] After receiving the data processing request of the target user 100, the computing device 600 can parse the data processing request to obtain the identifier of the first data platform and the corresponding first data.

[0065] Still referring to FIG. 4, after step S120, the method P100 can further include step S140.

30 **[0066]** S140: Obtain a data mapping relationship corresponding to the first data platform based on the identifier of the first data platform, where the data mapping relationship represents a

correspondence between data fields in a first data template of the first data platform and a second data template of a second data platform.

[0067] The first data platform corresponds to the first data template. The first data template is a template that corresponds to the first data platform and that is used to generate the first data for the target user 100. The first data template includes a plurality of first data fields, and the plurality of first data fields can be customized by the first data platform.

[0068] The first data platform can generate the first data for the target user 100 based on the first data template. The first data can include a plurality of first data fields and data corresponding to each first data field. The data corresponding to each first data field in the first data is specific content, in each first data field, that needs to be filled in. For example, if the first data field is an order number, the data corresponding to the first data field is a specific order number. For another example, if the first data field is an amount, a parameter corresponding to the first data field is a specific amount value.

[0069] The first data template can be a template that corresponds to the cross-border e-commerce platform or the cross-border transaction platform and that is used to generate transaction data. When the target user 100 executes a transaction on the first data platform, the first data platform can generate transaction details (that is, the first data) for the transaction based on a specification requirement of each first data field in the first data template.

[0070] The second data platform is a platform that performs data processing on the first data, to convert the first data into a data format that can be identified by the second data platform. In a cross-border exchange settlement service scenario, the second data platform can be a cross-border exchange settlement service platform. The second data platform can be carried in the computing device 600.

[0071] The second data platform corresponds to the second data template. The second data template is a template that is customized by the second data platform and that is used to help a program person perform exchange settlement limit accumulation processing based on data in the second data template. The second data template includes a plurality of second data fields, and the plurality of second data fields can be customized by the second data platform.

[0072] The first data platform and the second data platform are different data platforms, and respectively differently define the data fields in the data templates, for example, have different naming specifications. Therefore, formats of the first data template and the second data template

are different. In this case, the data fields in the first data template and the second data template may not be unified. For example, the same object is described in different manners. Therefore, before performing exchange settlement limit accumulation processing based on the first data, the computing device 600 needs to obtain the data mapping relationship corresponding to the first data platform, and convert, based on the data mapping relationship, the first data into data in the format that can be identified by the second data platform. Then, the computing device 600 performs exchange settlement limit accumulation processing based on the data obtained through conversion.

[0073] Before obtaining the data mapping relationship corresponding to the first data platform, the computing device 600 can pre-generate data mapping relationships respectively corresponding to different data platforms, and store the data mapping relationships in a mapping relationship library. Further, when receiving the data processing request of the target user 100, the computing device 600 can determine the data mapping relationship corresponding to the first data platform based on the identifier of the first data platform and a pre-generated correspondence between a data platform and a data mapping relationship.

[0074] There are a plurality of implementations in which the computing device 600 pre-generates data mapping relationships respectively corresponding to different data platforms. The first data platform is used as an example, and details can be as follows:

[0075] In some embodiments, the computing device 600 can obtain the first data template and the second data template, and match the first data field in the first data template and the second data field in the second data template to obtain the data mapping relationship corresponding to the first data platform.

[0076] The following sequentially describes implementation processes in which the computing device 600 obtains the first data template and the second data template.

[0077] The first data template is a key to obtaining the data mapping relationship by the computing device 600. Therefore, before obtaining the data mapping relationship, the computing device 600 needs to obtain the first data template. The computing device 600 can use a data template that includes the first data field and that is uploaded by the target user 100 based on the client 200 as the first data template, or can directly use the first data as the first data template. The following describes, with reference to the accompanying drawings, a manner in which the computing device 600 determines the first data template based on the data template that includes the first data field and that is uploaded by the target user 100.

[0078] FIG. 5 is a schematic diagram of an operation interface for obtaining a first data template according to an embodiment of this specification. As shown in FIG. 5, the computing device 600 can provide an option of an obtaining manner of the first data template for the target user 100 by using a visual interface of the client 200. The first data includes the first data field and corresponding data. Therefore, the computing device 600 can provide options "yes" and "no" for the target user 100 to independently choose whether to use the first data as the first data template. When the target user 100 selects "yes", the computing device 600 directly uses the first data as the first data template. When the target user 100 selects "no", the computing device 600 can further prompt, by using the visual interface of the client 200, the target user 100 with information indicating that the first data template needs to be manually uploaded.

[0079] The second data template can be pre-stored in a database corresponding to the second data platform. When the computing device 600 needs to generate the data mapping relationship, the second data template can be obtained from the database.

[0080] It should be noted that processes of obtaining the first data template and the second data template are not performed in an order. The computing device 600 can first obtain the first data template and then obtain the second data template, first obtain the second data template and then obtain the first data template, or can simultaneously obtain the first data template and the second data template. This is not limited in this embodiment of this specification.

[0081] After obtaining the first data template and the second data template, the computing device 600 can match the first data field in the first data template and the second data field in the second data template, to generate the data mapping relationship. Specifically, when determining that a second data field that has a similar meaning to at least one first data field in the first data template exists in all second data fields in the second data template, the computing device 600 can generate the data mapping relationship corresponding to the first data platform based on the at least one first data field and the corresponding second data field that have a similar meaning.

[0082] In some embodiments, the computing device 600 can sequentially perform the following steps for all of the plurality of first data fields: searching, based on a preset data field matching algorithm, the plurality of second data fields for a second data field that has a similar meaning to a current first data field, and generating a data mapping relationship between the found second data field that has a similar meaning and the current first data field. This is repeated until search ends. The preset data field matching algorithm can be a fuzzy matching algorithm, a

synonym matching algorithm, or the like. That search ends can be that the foregoing search process is completed for each of the plurality of first data fields, or a preset quantity of search times is reached.

[0083] The following describes a matching process of direct search with reference to the accompanying drawings.

[0084] FIG. 6 is a schematic diagram of a data mapping relationship according to an embodiment of this specification. As shown in FIG. 6, if fields such as a creation time, an order number, a transaction number, a product name, a payer, and a unit price are named the same in the first data template and the second data template, the computing device 600 can generate a one-to-one data mapping relationship between the foregoing fields in the first data template and corresponding fields in the second data template. However, in the first data template and the second data template, a quantity field is respectively named "quantity" and "number", and a transaction status field is respectively named "transaction status" and "whether the transaction is successful". Fields such as the quantity field and the transaction status field are described in different manners in the two templates, but have the same meaning. Therefore, the computing device 600 can generate a data mapping relationship between "quantity" and "number", and generate a data mapping relationship between "transaction status" and "whether the transaction is successful". Based on the foregoing process, the computing device 600 can establish a correspondence that is between the data fields in the first data template and the second data template and that is shown by an arrow in the figure.

[0085] In some embodiments, there may be a specific operation relationship between the first data field and the second data field. Therefore, the computing device 600 can further perform a mathematical operation on at least two first data fields in the first data template, perform matching with the second data field based on a mathematical operation result, and when determining that a second data field that has a similar meaning to the mathematical operation result of the at least two first data fields exists in all the second data fields in the second data template, generate a data mapping relationship based on the at least two first data fields and the corresponding second data field that has a similar meaning. The following describes, with reference to the accompanying drawings, a matching process implemented based on a mathematical operation.

[0086] FIG. 7 is a schematic diagram of another data mapping relationship according to an embodiment of this specification. As shown in FIG. 7, although "unit price" and "quantity" in the

first data template cannot be directly matched with corresponding data fields in the second data template, there is a mathematical operation relationship between "unit price" and "quantity", and a mathematical operation result of "unit price" and "quantity" can be matched with a data field "amount" that has a similar meaning in the second data template. Therefore, the computing device
5 600 can multiply the first data fields "unit price" and "quantity" in the first data template, to obtain an amount field. Further, the computing device 600 searches the second data template for a second data field that has a similar meaning to "amount", to generate a data mapping relationship between the two first data fields "unit price" and "quantity" and the second data field "amount". Based on the foregoing process, the computing device 600 can establish a correspondence that is between
10 the data fields in the first data template and the second data template and that is shown by an arrow in the figure.

[0087] Further, to improve efficiency of matching the first data field and the second data field, the computing device 600 can further first perform one-to-one matching search, that is, perform matching with a second data field that has a similar meaning in all the second data fields for each
15 first data field, then perform a mathematical operation on remaining first data fields that are not successfully matched with second data fields that have similar meanings, continue to perform matching with a second data field that has a similar meaning in all the second data fields based on a mathematical operation result, and generate a data mapping relationship based on at least two remaining first data fields that are successfully matched and a second data field that corresponds
20 to the at least two remaining first data fields and that has a similar meaning.

[0088] Due to a customization difference between the data fields in the first data template and the second data template, there may be a case in which not all the first data fields can be successfully matched with the second data field. Therefore, the computing device 600 can obtain a mandatory second data field preset by the second data platform, and after determining that a data
25 mapping relationship is generated between each mandatory second data field and the first data field, end matching to obtain the data mapping relationship.

[0089] After obtaining the data mapping relationship, the computing device 600 can directly store the data mapping relationship for subsequent use, or can return the data mapping relationship to the client of the target user 100, so that the target user 100 determines whether the automatically
30 generated data mapping relationship is accurate. When the target user 100 adjusts the data mapping relationship, the computing device 600 can further obtain an adjusted mapping relationship

obtained by adjusting the data mapping relationship by the target user 100, and determine the adjusted mapping relationship as the data mapping relationship corresponding to the first data platform.

5 **[0090]** For example, the computing device 600 can present the data mapping relationship to the target user 100 by using the client 200, so that the target user 100 determines accuracy of the generated initial mapping relationship, manually adjusts an inaccurate data mapping relationship and a first data field that is not successfully mapped, and then uploads an adjusted mapping relationship obtained after manual adjustment. Then, the computing device 600 can obtain the adjusted mapping relationship, and determine the adjusted mapping relationship as a data mapping
10 relationship of the target user 100 on the first data platform, to perform storage. That the target user 100 manually adjusts a first data field that is not successfully mapped can be understood as that the target user 100 manually maps, to the second data field, the first data field that is not successfully mapped.

15 **[0091]** The foregoing generated data mapping relationship can include a mapping relationship between same data fields and a mapping relationship between different data fields, or can include only a mapping relationship between different data fields. An example in which the amount field is named "amount" in both the first data template and the second data template, and the quantity field is respectively named "quantity" and "number" in the first data template and the second data template is still used. In this case, the computing device 600 can generate a data mapping
20 relationship between the "amount" field in the first data template and the "amount" field in the second data template, and generate a data mapping relationship between "quantity" and "number". Alternatively, the computing device 600 can generate a data mapping relationship only between "quantity" and "number". This is not limited in this embodiment of this specification.

25 **[0092]** In some embodiments, to increase a matching success rate of the first data field and the second data field, the computing device 600 can further return the first data field that is not successfully matched to the client of the target user 100 by adding the first data field to the generated data mapping relationship, so that the target user 100 manually maps the first data field that is not successfully mapped. That is, the returned generated data mapping relationship includes not only a data mapping relationship corresponding to a first data field that is successfully mapped,
30 but also the first data field that is not successfully mapped.

[0093] It can be learned from the foregoing content that for different users on the first data

platform, the computing device 600 can generate a data mapping relationship for each user. As a quantity of users on the first data platform increases, data mapping relationships generated for the users on the first data platform increase. All of the data mapping relationships are generated for these users based on the first data template of the first data platform, and most of first data fields in the first data template corresponding to the users are the same. Therefore, after collecting data mapping relationships of a plurality of users on the first data platform, the computing device 600 can further summarize, based on the data mapping relationships of the plurality of users, a generic data mapping relationship applicable to all users on the first data platform, generate a correspondence based on the identifier of the first data platform and the generic data mapping relationship, and store the generic data mapping relationship in the mapping relationship library, so that after the data processing request of the target user 100 is received, the generic data mapping relationship can be pushed to the target user 100 as the data mapping relationship on the first data platform, to reduce a time consumed for manually generating the data mapping relationship for the target user 100 on the first data platform, so as to improve processing efficiency of exchange settlement limit accumulation.

[0094] An implementation process of adaptively generating the data mapping relationship on the first data platform for each user is described in the foregoing embodiment. After generating the data mapping relationship on the first data platform for each user, the computing device 600 can directly reuse the generated data mapping relationship when each user applies for exchange settlement limit accumulation next time, to reduce a time consumed for generating the data mapping relationship, so as to improve processing efficiency of exchange settlement limit accumulation.

[0095] Further, to improve processing efficiency of exchange settlement limit accumulation of a new user (that is, a user for which a data mapping relationship on the first data platform is not generated), the computing device 600 can further determine, based on a plurality of historically generated data mapping relationships corresponding to different data platforms, a generic data mapping relationship applicable to the different data platforms. When the data processing request is received, the generic data mapping relationship is returned to the client 200 as the data mapping relationship of the target user 100 on the first data platform.

[0096] For example, the computing device 600 generates data mapping relationships for a plurality of users on the first data platform, and there is a similarity between these data mapping

relationships. In this case, the computing device 600 can further summarize, based on the plurality of data mapping relationships generated for the plurality of users on the first data platform, a generic data mapping relationship applicable to all users on the first data platform, and store the generic data mapping relationship in the mapping relationship library, so that when a new user
5 needs to perform exchange settlement limit accumulation, the generic data mapping relationship can be directly pushed to the user, to reduce a time consumed for manually generating the data mapping relationship for the user, so as to improve processing efficiency of exchange settlement limit accumulation.

[0097] To help the user select a data mapping relationship obtaining manner, in some
10 embodiments, the data processing request can further carry a data processing type. The data processing type is used to represent different data mapping relationship obtaining manners. The data processing type can include a first type, a second type, and a third type. The first type, the second type, and the third type respectively correspond to different data mapping relationship obtaining manners. For example, the first type can be an obtaining manner of generating the data
15 mapping relationship in an adaptive data mapping relationship generation manner. The second type can be an obtaining manner of obtaining the generated data mapping relationship. The third type can be an obtaining manner of obtaining the generic data mapping relationship.

[0098] The data processing type can be determined based on a selection of the target user 100. The following describes a selection process of the data processing type with reference to the
20 accompanying drawings.

[0099] FIG. 8 is a schematic diagram of a selection interface for a data processing type according to an embodiment of this specification. FIG. 9 is a schematic diagram of an interface for adaptively generating a data mapping relationship according to an embodiment of this specification.

[0100] As shown in FIG. 8, the computing device 600 can provide options of the "first type", the "second type", and the "third type" on the client 200 of the target user 100. The target user 100 can tap a button corresponding to the "first type", the "second type", or the "third type", to generate a data processing request that carries the data processing type, so as to request the computing device 600 to obtain the data mapping relationship in different obtaining manners.

[0101] After receiving the data processing request that carries the data processing type, the
30 computing device 600 parses the data processing request to obtain the data processing type, and

identifies that the data processing type is the first type, the second type, or the third type.

[0102] When identifying that the data processing type is the first type, the computing device 600 controls the client 200 to jump from the interface shown in FIG. 8 to the interface shown in FIG. 9, provides an option button of "uploading the first data template" in the interface shown in FIG. 9, so that the target user 100 uploads the first data template, and then generates the data mapping relationship corresponding to the first data platform based on the first data template and the second data template. Then, the computing device 600 can further send a prompt message to the client 200 of the target user 100, to prompt the target user 100 with information indicating that the data mapping relationship is generated. Further, the target user 100 can re-enter the visual interface shown in FIG. 8, and obtain the data mapping relationship by selecting the "second type".

[0103] When identifying that the data processing type is the second type, the computing device 600 searches the mapping relationship library for the data mapping relationship generated for the target user 100, and performs step S160 based on the found data mapping relationship.

[0104] When identifying that the data processing type is the third type, the computing device 600 searches the mapping relationship library for the generated generic data mapping relationship, and performs step S160 based on the found generic data mapping relationship.

[0105] It should be noted that FIG. 8 and FIG. 9 are example figures shown for ease of understanding by a reader, and do not limit a user interaction manner. A person skilled in the art can alternatively obtain the data mapping relationship in another interaction manner. For example, the computing device 600 can alternatively provide only two manners of the "second type" and the "third type". When identifying that the data processing type is the second type, the computing device 600 searches the mapping relationship library for the data mapping relationship generated for the target user 100. When the computing device 600 finds no data mapping relationship, the computing device 600 can prompt, in the interface, the target user 100 with information indicating that no generated data mapping relationship exists, and directly jump to the interface shown in FIG. 9, to adaptively generate the data mapping relationship for the target user 100 in a manual generation manner.

[0106] Still referring to FIG. 4, after step S140, the method P100 can further include step S160.

[0107] S160: Parse the first data based on the data mapping relationship, to generate second data of the second data platform.

[0108] After obtaining the mapping relationship, the computing device 600 can fill each piece

of data in the first data into a location of a corresponding data field in the second data template based on the data mapping relationship, to obtain the second data of the second data platform.

[0109] The computing device 600 can fill, based on the data mapping relationship, a parameter in the first data field in the first data into a corresponding parameter location in a second data field that matches the first data field in the second data template. For example, the foregoing example is still used as an example. In this case, the computing device 600 can fill a parameter in a "turnover" field in the first data template into a corresponding parameter location in a "turnover" field in the second data template, and fill a parameter in a "number" field in the first data template into a corresponding parameter location in a "NUMBER" field in the second data template. This is repeated until all parameters in the first data are filled into the second data template, to obtain the second data.

[0110] In an example of the cross-border exchange settlement service, the second data can be second transaction data generated based on the second data template. After obtaining the second data, the computing device 600 can execute a target task on the second data platform based on the second data. In the cross-border exchange settlement service scenario, the target task can be exchange settlement limit processing. The computing device 600 can increase an exchange settlement limit for the target user 100 based on the second data, so that the target user 100 makes exchange settlement.

[0111] The computing device 600 can analyze and compare template differences for each user, to determine differences between different data platforms (different channels). Further, for these differences, the computing device 600 can perform conversion and adjustment by using a dynamic script language, so that the first data is converted into data that can be identified and applied by the second data platform.

[0112] In conclusion, according to the data processing method and system provided in this specification, in the solutions, when the data processing request that carries the identifier of the first data platform and the corresponding first data is received, the data mapping relationship used to represent the correspondence between the data fields in the first data template of the first data platform and the second data template of the second data platform is obtained based on the identifier of the first data platform; and the first data is parsed based on the data mapping relationship, to obtain the second data of the second data platform. In the solutions, the obtained data mapping relationship represents the correspondence between the data fields in the data

template of the first data platform and the data template of the second data platform. Therefore, based on this, the first data of the first data platform can be converted into the second data that can be identified by the second data platform, to facilitate processing of exchange settlement limit accumulation, and improve processing efficiency of exchange settlement limit accumulation.

5 **[0113]** FIG. 10 is a framework diagram of data processing according to an embodiment of this specification. As shown in FIG. 10, a second data platform adaptively generates a data mapping relationship for a target user on a first data platform, submits the generated data mapping relationship to a review platform for internal review, generates a parsing script after the review succeeds, and notifies the user of a review result by using a short messaging service message, an email, or an intra-station message.

10 **[0114]** Then, the target user 100 can manually upload a transaction document, or authorize the second data platform to automatically collect transaction data. After the target user 100 manually uploads the transaction document, the second data platform stores the transaction document, and downloads the transaction document to perform parsing to obtain original row data (that is, data in a first data field). When the target user 100 authorizes the second data platform to automatically collect the transaction data, the second data platform can create a collection task and execute the collection task, to obtain original row data.

15 **[0115]** After obtaining the original row data, a computing device 600 can obtain a parsing template by using a configuration manager on the second data platform, and execute the parsing script by using a parsing processor, to obtain a parsing result, that is, temporary transaction data.

20 **[0116]** After obtaining the temporary transaction data, the computing device 600 can further perform risk control scanning on the temporary transaction data, to obtain transaction data obtained after scanning, and perform exchange settlement limit accumulation based on the transaction data obtained after scanning.

25 **[0117]** It can be learned from FIG. 10 that in this embodiment of this specification, personalized data of different data platforms can be parsed into a data field identified by a user (the second data platform), and a parsing process and a limit accumulation process are decoupled, to improve processing efficiency of exchange settlement limit accumulation.

30 **[0118]** The data processing method and system provided in the embodiments of this specification can quickly adapt to changes of different channels, have relatively strong flexibility and scalability, and can quickly adapt to changes of different channels. As a user, the second data

platform does not need to know a specific difference between different channels, and only needs to adaptively generate a corresponding data mapping relationship and a parsing script of the data mapping relationship based on the first data template uploaded by the user, to simplify a user interaction procedure. In addition, the data processing method and system can be applied to collaboration between information channels and application programs of different types and fields, have wide applicability, improve information transmission and conversion efficiency, and ensure information accuracy and consistency. The parsing script is configurable data. Therefore, without changing code and publishing code, template conversion can be implemented by pushing configuration information.

10 **[0119]** According to another aspect of this specification, a non-transitory storage medium is provided, and stores at least one group of executable instructions for performing data processing. When the executable instructions are executed by a processor, the executable instructions instruct the processor to implement the steps of the data processing method P100 described in this specification. In some possible implementations, various aspects of this specification can be further implemented in a form of a program product, including program code. When the program product runs on the computing device 600, the program code is used to enable the computing device 600 to perform the steps of the data processing method P100 described in this specification. The program product configured to implement the foregoing method can use a portable compact disc read-only memory (CD-ROM) that includes program code, and can run on the computing device 600. However, the program product in this specification is not limited thereto. In this specification, the readable storage medium can be any tangible medium that includes or stores a program, and the program can be used by or in combination with an instruction execution system. The program product can use any combination of one or more readable media. The readable medium can be a readable signal medium or a readable storage medium. For example, the readable storage medium can be but is not limited to an electrical, magnetic, optical, electromagnetic, infrared, or semiconductor system, apparatus, or device, or any combination thereof. More specific examples of the readable storage medium include an electrical connection with one or more leads, a portable disk, a hard disk, a random access memory (RAM), a read-only memory (ROM), an erasable programmable read-only memory (EPROM), a flash memory, an optical fiber, a portable compact disc read-only memory (CD-ROM), an optical storage device, a magnetic storage device, or any suitable combination thereof. The computer-readable storage medium can include a data

signal propagated in a baseband or as a part of a carrier, and carries readable program code. The propagated data signal can be in a plurality of forms, including but not limited to an electromagnetic signal, an optical signal, or any suitable combination thereof. The readable storage medium can alternatively be any readable medium other than the readable storage medium, and
5 the readable medium can send, propagate, or transmit a program used by or in combination with an instruction execution system, apparatus, or device. The program code included in the readable storage medium can be transmitted by using any suitable medium, including but not limited to wireless, wired, an optical cable, RF, or any suitable combination thereof. Program code for performing the operations in this specification can be written by using any combination of one or
10 more program design languages. The program design language includes an object-oriented program design language such as Java or C++, and further includes a conventional procedural program design language such as a "C" language or a similar program design language. The program code can be completely executed on the computing device 600, partially executed on the computing device 600, executed as an independent software package, partially executed on the
15 computing device 600 and partially executed on a remote computing device, or completely executed on a remote computing device.

[0120] Specific embodiments of this specification are described above. Other embodiments fall within the scope of the appended claims. In some cases, the actions or steps described in the claims can be performed in an order different from that in the embodiments, and the desired results
20 can still be achieved. In addition, the process depicted in the accompanying drawings does not necessarily need a particular order or consecutive order to achieve the desired results. In some implementations, multitasking and parallel processing are possible or may be advantageous.

[0121] In conclusion, after reading the detailed disclosure, a person skilled in the art can understand that the detailed disclosure can be presented only by using an example, and may not
25 be limiting. Although it is not explicitly stated herein, a person skilled in the art can understand that the requirements of this specification include various proper changes, improvements, and modifications to the embodiments. These changes, improvements, and modifications are intended to be provided by this specification, and fall within the spirit and scope of the example embodiments of this specification.

[0122] In addition, some terms in this specification are used to describe the embodiments of
30 this specification. For example, "one embodiment", "embodiments", and/or "some embodiments"

mean/means that specific features, structures, or characteristics described with reference to the embodiment can be included in at least one embodiment of this specification. Therefore, it can be emphasized and understood that two or more references to "embodiments", "one embodiment", or "alternative embodiments" in various parts of this specification do not necessarily refer to the same embodiment. In addition, the specific features, structures, or characteristics can be appropriately combined in one or more embodiments of this specification.

[0123] It should be understood that in the foregoing descriptions of the embodiments of this specification, to help understand a feature, for the purpose of simplifying this specification, various features are combined in a single embodiment, accompanying drawing, or description thereof in this specification. However, this does not mean that the combination of these features is necessary. It is entirely possible for a person skilled in the art to label some devices and understand the devices as separate embodiments when reading this specification. That is, the embodiments of this specification can also be understood as an integration of a plurality of secondary embodiments. The content of each secondary embodiment is also true when a quantity of features is less than a quantity of all features of a single previously disclosed embodiment.

[0124] Each patent, patent application, publication of a patent application, and other materials, for example, articles, books, instructions, publications, documents, and products, that are cited in this specification can be incorporated herein by reference. All content used for all purposes, other than any related historical litigation documents, any same historical litigation documents that may be inconsistent or conflict with this document, or any same historical litigation documents that may impose limiting impact on the widest scope of the claims is now or later associated with this document. For example, the terms in this document shall prevail if there is any inconsistency or conflict between the descriptions, definitions, and/or use of the terms associated with any included material and the descriptions, definitions, and/or use of the terms associated with this document.

[0125] Finally, it should be understood that the principles of the implementation solutions of this specification are described in the implementation solutions of the application disclosed in this specification. Other modified embodiments also fall within the scope of this specification. Therefore, the embodiments disclosed in this specification are merely examples and not limitations. A person skilled in the art can use an alternative configuration according to the embodiments of this specification to implement the application in this specification. Therefore, the embodiments of this specification are not limited to the embodiments accurately described in the application.

CLAIMS

What is claimed is:

1. A data processing method, comprising:

obtaining an identifier of a first data platform and corresponding first data in response to a
5 data processing request of a target user;

obtaining a data mapping relationship corresponding to the first data platform based on the
identifier of the first data platform, wherein the data mapping relationship is used to represent a
correspondence between data fields in a first data template of the first data platform and a second
data template of a second data platform; and

10 parsing the first data based on the data mapping relationship, to generate second data of the
second data platform.

2. The method according to claim 1, wherein the obtaining a data mapping relationship
corresponding to the first data platform based on the identifier of the first data platform comprises:

determining an initial data mapping relationship corresponding to the first data platform based
15 on the identifier of the first data platform and a pre-generated correspondence between a data
platform and an initial data mapping relationship; and

determining the data mapping relationship corresponding to the first data platform based on
the initial data mapping relationship.

3. The method according to claim 2, wherein the initial data mapping relationship
20 corresponding to the first data platform is obtained by using the following steps:

obtaining the first data template and the second data template; and

matching the data fields in the first data template and the second data template to obtain the
initial data mapping relationship corresponding to the first data platform.

4. The method according to claim 3, wherein the obtaining the first data template comprises:

25 using the first data as the first data template, wherein the first data comprises a plurality of
data fields in the first data template and corresponding data in each data field; or

using, as the first data template, a data template that comprises the plurality of data fields and
that is uploaded by the target user based on a client.

5. The method according to claim 3, wherein the matching the data fields in the first data
30 template and the second data template to obtain the initial data mapping relationship corresponding

to the first data platform comprises: for all data fields in the first data template,

when determining that a data field that has a similar meaning to a current data field in the first data template exists in all data fields in the second data template, generating the initial data mapping relationship based on the current data field in the first data template and the corresponding data field that has a similar meaning in the second data template.

6. The method according to claim 3, wherein the determining the data mapping relationship corresponding to the first data platform based on the initial data mapping relationship comprises:

obtaining an adjusted mapping relationship obtained by adjusting the initial data mapping relationship; and

determining the adjusted mapping relationship as the data mapping relationship corresponding to the first data platform.

7. The method according to claim 2, wherein the initial data mapping relationship is a generic data mapping relationship that is applicable to the first data platform and that is determined based on a plurality of historically generated data mapping relationships.

8. The method according to claim 1, wherein the parsing the first data based on the data mapping relationship, to generate second data of the second data platform comprises:

filling each piece of data in the first data into a location of a corresponding data field in the second data template based on the data mapping relationship, to obtain the second data of the second data platform.

9. The method according to claim 1, after the parsing the first data based on the data mapping relationship, to generate second data of the second data platform, further comprising:

executing a target task on the second data platform based on the second data.

10. The method according to claim 9, wherein the target task comprises exchange settlement limit processing;

the first data comprises transaction data corresponding to the first data platform; and the second data comprises transaction data corresponding to the second data platform.

11. A data processing system, comprising:

at least one storage medium that stores at least one instruction set and that is configured to perform data processing; and

at least one processor that is communicatively connected to the at least one storage medium, wherein

when the data processing system runs, the at least one processor reads the at least one instruction set, and performs the following steps based on an indication of the at least one instruction set:

5 obtaining an identifier of a first data platform and corresponding first data in response to a data processing request of a target user;

obtaining a data mapping relationship corresponding to the first data platform based on the identifier of the first data platform, wherein the data mapping relationship is used to represent a correspondence between data fields in a first data template of the first data platform and a second data template of a second data platform; and

10 parsing the first data based on the data mapping relationship, to generate second data of the second data platform.

12. The system according to claim 11, wherein the obtaining a data mapping relationship corresponding to the first data platform based on the identifier of the first data platform comprises:

15 determining an initial data mapping relationship corresponding to the first data platform based on the identifier of the first data platform and a pre-generated correspondence between a data platform and an initial data mapping relationship; and

determining the data mapping relationship corresponding to the first data platform based on the initial data mapping relationship.

20 13. The system according to claim 12, wherein the initial data mapping relationship corresponding to the first data platform is obtained by using the following steps:

obtaining the first data template and the second data template; and

matching the data fields in the first data template and the second data template to obtain the initial data mapping relationship corresponding to the first data platform.

25 14. The system according to claim 13, wherein the obtaining the first data template comprises: using the first data as the first data template, wherein the first data comprises a plurality of data fields in the first data template and corresponding data in each data field; or

using, as the first data template, a data template that comprises the plurality of data fields and that is uploaded by the target user based on a client.

30 15. The system according to claim 13, wherein the matching the data fields in the first data template and the second data template to obtain the initial data mapping relationship corresponding to the first data platform comprises: for all data fields in the first data template,

when determining that a data field that has a similar meaning to a current data field in the first data template exists in all data fields in the second data template, generating the initial data mapping relationship based on the current data field in the first data template and the corresponding data field that has a similar meaning in the second data template.

5 16. The system according to claim 13, wherein the determining the data mapping relationship corresponding to the first data platform based on the initial data mapping relationship comprises:

obtaining an adjusted mapping relationship obtained by adjusting the initial data mapping relationship; and

10 determining the adjusted mapping relationship as the data mapping relationship corresponding to the first data platform.

17. The system according to claim 12, wherein the initial data mapping relationship is a generic data mapping relationship that is applicable to the first data platform and that is determined based on a plurality of historically generated data mapping relationships.

15 18. The system according to claim 11, wherein the parsing the first data based on the data mapping relationship, to generate second data of the second data platform comprises:

filling each piece of data in the first data into a location of a corresponding data field in the second data template based on the data mapping relationship, to obtain the second data of the second data platform.

20 19. The system according to claim 11, wherein after the parsing the first data based on the data mapping relationship, to generate second data of the second data platform, the at least one processor further performs the following step based on the indication of the at least one instruction set:

executing a target task on the second data platform based on the second data.

25 20. A non-transitory storage medium that stores at least one group of executable instructions, wherein when the at least one group of executable instructions is executed by at least one processor, the data processing method according to any one of claims 1 to 10 is performed.