

SHORTCUT PROCESSING METHOD AND DEVICE

TECHNICAL FIELD

[0001] This specification relates to the field of Internet technologies, and in particular, to a shortcut processing method and a shortcut processing device.

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BACKGROUND

[0002] With development of Internet technologies, more users do various service activities such as shopping and financial management on a network platform on the Internet. How to improve operation convenience of the user on the network platform becomes a focus of attention.

[0003] In a technical solution, a quick instruction is entered in an operation interface of the network platform, to invoke a service provided by the network platform. For example, "/" is entered, to invoke a plurality of services of the network platform. A target service is selected from the plurality of services. However, in the technical solution, the plurality of services of the network platform can be invoked only when the quick instruction is entered. Operation efficiency is relatively low.

15 [0004] Content of the background part is merely information learned of by the inventor, and does not mean that the information has entered a public domain before an application date of this disclosure, and does not mean that the information can become a conventional technology of this disclosure.

SUMMARY

20 [0005] This specification mainly aims to provide a shortcut processing method and device, so that a shortcut of a common service of a user on a network platform can be generated efficiently and conveniently, to efficiently select and execute the common service of the user, and improve operation efficiency of the user for the common service of the network platform.

[0006] According to a first aspect, this specification provides a shortcut processing method,

including: obtaining operation data of a current service provided by a network platform; determining, based on the operation data of the current service, whether a shortcut of the current service needs to be created on the network platform; and generating the shortcut of the current service on the network platform if the shortcut of the current service needs to be created.

5 **[0007]** According to a second aspect, this specification provides another shortcut processing method, including: displaying a shortcut of at least one service in an operation interface of the network platform, where the shortcut is an operation control generated based on operation data of a current user; and executing a target service on the network platform in response to a triggering operation performed on a shortcut of the target service in the at least one service.

10 **[0008]** According to a third aspect, this specification provides a shortcut processing device, including: at least one storage medium, including at least one instruction set; and at least one processor, communicatively connected to the at least one storage medium. When the device runs, the at least one processor reads the at least one instruction set, and executes the method according to either of the first aspect and the second aspect based on an indication of the at least one
15 instruction set.

[0009] It can be learned from the technical solutions that according to the shortcut processing method and the shortcut processing device provided in this specification, whether to create the shortcut of the current service on the network platform is determined based on the operation data of the current service provided by the network platform, to accurately determine a common service
20 of a user on the network platform, and determine whether to create a shortcut of the common service. In addition, when the shortcut of the current service needs to be created, the shortcut of the current service provided by the network platform is generated, so that the shortcut of the common service of the user on the network platform can be efficiently and conveniently generated, to efficiently select and execute the common service of the user, help the user reduce an operation
25 time, and avoid a repeated operation procedure, thereby improving operation efficiency of the user for the common service of the network platform.

[0010] Other functions of the shortcut processing method and device provided in this specification are partially listed below in this specification. Based on the descriptions, content described by using the following figures and examples is apparent to a person of ordinary skill in
30 the art. Creative aspects of the shortcut processing method and device provided in this specification can be fully explained through practice or by using the method, apparatus, and combination

described in the following detailed examples.

BRIEF DESCRIPTION OF DRAWINGS

- [0011] To describe the technical solutions in the embodiments of this specification more clearly, the accompanying drawings required for describing the embodiments are described briefly
5 below. Clearly, the accompanying drawings in the following descriptions show some embodiments of this specification, and a person of ordinary skill in the art can still derive other accompanying drawings from these accompanying drawings without creative efforts.
- [0012] FIG. 1 is a schematic diagram of an implementation environment of a shortcut processing method according to an embodiment of this specification;
- 10 [0013] FIG. 2 is a schematic structural diagram of a shortcut processing device according to some embodiments of this specification;
- [0014] FIG. 3 is a schematic flowchart of a shortcut processing method according to some embodiments of this specification;
- [0015] FIG. 4 is a schematic flowchart of determining whether a shortcut of a current service
15 needs to be created according to some embodiments of this specification;
- [0016] FIG. 5 is a schematic diagram of displaying a shortcut of a current service in an operation interface according to some embodiments of this specification;
- [0017] FIG. 6 is a schematic diagram of displaying a shortcut modification control of a current service in an operation interface according to some embodiments of this specification;
- 20 [0018] FIG. 7 is a schematic flowchart of a shortcut processing method according to some other embodiments of this specification;
- [0019] FIG. 8 is a schematic flowchart of a shortcut processing method according to still some other embodiments of this specification;
- [0020] FIG. 9 is a schematic flowchart of a shortcut processing method according to yet some
25 other embodiments of this specification; and
- [0021] FIG. 10 is a schematic flowchart of modifying a shortcut according to some embodiments of this specification.

DESCRIPTION OF EMBODIMENTS

[0022] The following descriptions provide specific application scenarios and requirements of this specification, so that a person skilled in the art can manufacture and use content of this specification. For the person skilled in the art, various local modifications to the disclosed
5 embodiments are apparent, and the general principles defined herein can be applied to other 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 that of the claims.

[0023] The terms used herein are only intended to describe a particular example embodiment,
10 but do not impose a limitation. For example, unless otherwise specified in the context, the singular forms "one", "a", and "the" used herein can also include a plural form. When used in this specification, the terms "include", "comprise", and/or "have" indicates existence of an associated integer, step, operation, element, and/or component, but does not exclude existence of one or more other features, integers, steps, operations, elements, components, and/or groups, or another feature,
15 integer, step, operation, element, component, and/or group can be added to system(s) and/or method(s) described herein.

[0024] The flowchart used in this specification illustrates operations implemented by a system in some embodiments of this specification. It should be clearly understood that operations in the flowchart can be implemented out of sequence. On the contrary, operations can be implemented
20 reversely or simultaneously. In addition, one or more other operations can be added to the flowchart. One or more operations can be removed from the flowchart.

[0025] First, noun terms related to one or more embodiments of this specification are explained.

[0026] A shortcut is a manner in which a user can quickly complete an entire service operation by using one function button, one instruction, or one tap. In an example embodiment, the shortcut
25 is a command interface that is configured to quickly start and perform an operation step of a common service of a network platform. For example, when a current user taps a shortcut A on the network platform, each operation step of a service corresponding to the shortcut A is performed based on an operation step of the current user for the service and an operation condition.

[0027] Repeated operation or common service: When a user operates each service provided
30 by a network platform, there are some very stable and uniform operation procedures. Each time

the user operates the operation procedure, a repeated operation is performed.

[0028] In a technical solution, an assistive service of a network platform is quickly invoked by using an assistive touch function provided by the network platform. However, in the technical solution, only a service provided by the network platform can be invoked, and another operation
5 step of the service can be completed only when a user performs a further operation. In another technical solution, a shortcut of an application is created on a home screen. For example, a shortcut of a folder is created, and the folder is opened by double-tapping the shortcut on the home screen. However, in the technical solution, only a function of quickly opening and displaying content such as a file is supported, but a quick operation of another multi-step service cannot be completed.

[0029] Based on the above-mentioned content, embodiments of this specification provide a shortcut processing method and a device. When a user operates various services provided by a network platform, if there is a relatively stable and unified operation procedure for a service, the service is a common service of the user on the network platform, and an operation procedure of the common service is packaged to form a shortcut, so as to efficiently and conveniently generate
15 a shortcut of the common service of the user on the network platform to help the user reduce an operation time, and avoid a repeated operation procedure, thereby improving operation efficiency of the user for the common service of the network platform.

[0030] The following describes in detail the technical solutions of the embodiments of this specification with reference to the accompanying drawings.

[0031] FIG. 1 is a schematic diagram of an implementation environment of a shortcut processing method according to an embodiment of this specification.

[0032] As shown in FIG. 1, the implementation environment 100 can include a terminal 110, a server 130, and a database 140.

[0033] The terminal 110 is connected to the server 130 through a wireless network or a wired
25 network 120. The terminal 110 can be a tablet, a notebook computer, a desktop computer, etc., but is not limited thereto.

[0034] The terminal 110, that is, a background management end can store data or instructions for executing the shortcut processing method described in this specification. The terminal 110 can include a hardware device with a data information processing capability and a necessary program
30 required for driving the hardware device to work. A background manager can work by using the terminal 110. For example, the background manager can configure a candidate field set, a derived

dimension table, etc. on the terminal 110.

[0035] The server 130 is an independent physical server; or a server cluster or a distributed system including a plurality of physical servers; or a cloud server that provides a cloud service, a cloud database, cloud computing, a cloud function, cloud storage, a network service, cloud communication, a middleware service, a domain name service, a security service, a content delivery network (CDN), big data, an artificial intelligence platform, etc. The server 130 provides a background service for an application running on the terminal 110.

[0036] The server 130 is provided with an integrated development platform. The integrated development platform is also referred to as an integrated development environment (IDE). The integrated development platform is an application used to provide a program development environment, and usually includes tools such as a code editor, a compiler, a debugger, and a graphical user interface. A developer can write program code on the integrated development platform (that is, perform program development). An integrated development platform server can be a computing device specifically used by the integrated development platform to implement the shortcut processing method. The server 130 can separately perform data communication with the terminal 110 and the database 140.

[0037] In addition, the server 130 can store the data or instructions for executing the shortcut processing method described in this specification. The server 130 can include a hardware device with a data information processing capability and a necessary program required for driving the hardware device to work. Certainly, the server 130 can be only a hardware device with a shortcut processing capability, or can be only a program that runs in the hardware device. In some embodiments, the server 130 can also serve as a plug-in and be deployed on the terminal 110. In this case, the server 130 stores data or instructions for executing a shortcut processing method corresponding to the terminal 110 described in this specification.

[0038] The database 140 can store data and/or instructions. In some embodiments, the database 140 can store operation data of a user. In some embodiments, the database 140 can store data and/or instructions used by the server 130 to execute the shortcut processing method described in this specification. The terminal 110 and the server 130 can have permission to access the database 140, and the terminal 110 and the server 130 can access, through a network, the data or instructions stored in the database 140. In some embodiments, the database 140 can be directly connected to the terminal 110 and the server 130. In some embodiments, the database 140 can be part of the

server 130. In some embodiments, the database 140 can include a mass memory, a removable memory, a volatile read-write memory, a read-only memory (ROM) or similar content, or any combination thereof. Example mass memories may include a non-transitory storage medium such as a disk, an optical disk, or a solid-state disk. Example removable memories may include a flash drive, a floppy disk, an optical disc, a storage card, a zip disk, a magnetic tape, etc. A typical volatile read-write memory may include a random access memory (RAM). Example RAMs may include a dynamic RAM (DRAM), a double data rate synchronous dynamic RAM (DDRSDRAM), a static RAM (SRAM), a thyristor RAM (T-RAM), a zero-capacitor RAM (Z-RAM), etc. Example ROMs may include a mask ROM (MROM), a programmable ROM (PROM), an erasable programmable ROM (PEROM), an electrically erasable programmable ROM (EEPROM), a compact disc (CD-ROM), a digital versatile disk ROM, etc.

[0039] A person skilled in the art would understand that there can be more or fewer terminals. For example, there is only one terminal, or there are dozens or hundreds of terminals, or there are more terminals. In this case, the implementation environment further includes another terminal. A quantity of terminals and a device type are not limited in this embodiment of this specification.

[0040] After the implementation environment in this embodiment of this specification is described, the following describes an application scenario of this embodiment of this specification with reference to the implementation environment. In the following described process, the terminal is also the terminal 110 in the implementation environment, and the server is also the server 130 in the implementation environment. The technical solutions provided in this embodiment of this specification can be applied to a scenario of a home screen network platform and a mobile network platform, for example, a scenario of a website platform on a browser, an application platform of a mobile terminal, or a mini program platform.

[0041] For example, the technical solutions provided in this embodiment of this specification are applied to the scenario of the application platform of the mobile terminal. It is assumed that the network platform is a commodity transaction platform of the mobile terminal, and a current service is a transaction detail service. Operation data of the transaction detail service provided by the commodity transaction platform is obtained in response to a service completion operation of a user on the commodity transaction platform. Whether a shortcut of the transaction detail service needs to be created on the network platform is determined based on the operation data of the transaction detail service. If the shortcut of the transaction detail service needs to be created, the

shortcut of the transaction detail service on the network platform is generated.

[0042] It should be noted that the foregoing provides descriptions by using an example in which the technical solutions provided in this embodiment of this specification are applied to a scenario of the commodity trading platform. The technical solutions provided in this embodiment of this specification can also be applied to a scenario of another proper network platform such as a payment network platform or a multimedia network platform. An implementation process and the above-mentioned description belong to a same inventive concept. Details are not described herein again.

[0043] It should be noted that steps in the shortcut processing method in the example embodiments of this specification can be partially performed by a client and partially performed by a server, or can be all performed by a server or all performed by a client. This is not specifically limited in this specification.

[0044] Based on the implementation environment shown in FIG. 1, the following describes in detail a shortcut processing method and a shortcut processing device provided in the embodiments of this specification with reference to FIG. 2 to FIG. 10. It should be noted that the implementation environment is merely shown for ease of understanding of the spirit and principle of this specification, and the embodiments of this specification are not limited in this aspect. On the contrary, the embodiments of this specification can be applied to any applicable scenario.

[0045] FIG. 2 is a schematic structural diagram of a shortcut processing device 200 according to some embodiments of this specification. The shortcut processing device 200 can execute a shortcut processing method described in this specification. The shortcut processing method is described in another part of this specification. The shortcut processing device 200 can be a general-purpose computer or a dedicated computer. For example, the shortcut processing device 200 can be a server, a personal computer, or a portable computer (for example, a notebook computer or a tablet), or can be another shortcut processing device with computing capability. Certainly, the shortcut processing device can be the terminal 110 or the server 130 in FIG. 1, or can be a terminal device that is used by a plurality of developers to perform program development on an integrated development platform.

[0046] The shortcut processing device 200 in this specification can include one or more of the following components: a processor 210, a memory 220, an input apparatus 230, an output apparatus 240, and a bus 250. The processor 210, the memory 220, the input apparatus 230, and

the output apparatus 240 can be connected through the bus 250.

[0047] The processor 210 can include one or more processing cores. The processor 210 is connected to all parts of the entire shortcut processing device 200 through various interfaces and lines, and performs the shortcut processing method described in this specification by running or
5 executing instructions, a program, a code set, or an instruction set stored in the memory 220 and invoking data stored in the memory 220. Optionally, the processor 210 can be implemented in at least one hardware form in a digital signal processor (DSP), a field-programmable gate array (FPGA), and a programmable logic array (PLA). The processor 210 can integrate one or a combination of a central processing unit (CPU), a graphics processing unit (GPU), a modem, etc.
10 The CPU mainly processes an operating system, a current user interface, an application, etc. The GPU is configured to be responsible for rendering and drawing display content. The modem is configured to process wireless communication. It can be understood that the modem may not be integrated into the processor 210, and is separately implemented by using a communication chip.

[0048] The memory 220 can include a random access memory (RAM), or can include a read-only memory (ROM). Optionally, the memory 220 includes a non-transitory computer-readable
15 storage medium. The memory 220 can be configured to store instructions, a program, code, a code set, or an instruction set. The memory 220 can include a program storage area and a data storage area. The program storage area can store an instruction for implementing an operating system, an instruction for implementing at least one function (for example, a touch function, a sound playing
20 function, or an image playing function), an instruction for implementing the following method embodiments, etc. The operating system can be an Android system, including a system deeply developed based on the Android system; or an IOS system, including a system deeply developed based on the IOS system; or another system.

[0049] To enable the operating system to distinguish between specific application scenarios of
25 a third-party application, data communication between the third-party application and the operating system needs to be enabled, so that the operating system can obtain current scenario information of the third-party application at any time, and then perform targeted system resource adaptation based on a current scenario.

[0050] The input apparatus 230 is configured to receive input instructions or data, and the
30 input apparatus 230 includes but is not limited to a keyboard, a mouse, a camera, a microphone, or a touch device. The output apparatus 240 is configured to output instructions or data, and the

output apparatus 240 includes but is not limited to a display device, a speaker, etc. In an example, the input apparatus 230 and the output apparatus 240 can be disposed together, and the input apparatus 230 and the output apparatus 240 are touch displays.

5 [0051] In addition, a person skilled in the art can understand that a structure of the shortcut processing device shown in the accompanying drawings does not constitute a limitation on the shortcut processing device, and the shortcut processing device can include more or fewer components than those shown in the figure, or combine some components, or have different component arrangements. For example, the shortcut processing device further includes components such as a radio frequency circuit, an input unit, a sensor, an audio circuit, a wireless fidelity (Wi-Fi) module, a power supply, and a Bluetooth module. Details are not described herein again.

[0052] FIG. 3 is a method flowchart of a shortcut processing method according to some embodiments of this specification. The following describes the technical solutions of this specification with reference to FIG. 3. The technical solutions can be implemented by at least one of the terminal 110 and the server 130 in FIG. 2. Specifically, the terminal 110 and/or the server 130 can have the structure described in FIG. 2. That is, the terminal 110 and/or the server 130 can be a shortcut processing device for shortcut processing, including at least one storage medium and at least one processor. The at least one storage medium includes at least one instruction set, configured to perform the shortcut processing method. The at least one processor is communicatively connected to the at least one storage medium. When the shortcut processing device runs, the at least one processor can read the at least one instruction set, and perform the method in FIG. 3 based on an indication of the at least one instruction set. For the purpose of description only, an example in which the terminal 110 performs the shortcut processing method is used for description in this specification.

25 [0053] As shown in FIG. 3, in step S310, operation data of a current service provided by a network platform is obtained.

[0054] In an example embodiment, the network platform is an Internet platform that provides various services or functions, for example, a shopping application platform or a payment application platform. The current service is a service operated in an operation interface by a current user who logs in to the network platform, for example, a transaction detail service of the payment application platform.

[0055] Further, operation data of a user for the current service is stored in a database, and the operation data includes at least one of a quantity of operations performed by the current user on the current service, a quantity of operation steps, or an operation condition. The terminal 110 obtains, from the database, the operation data of the current user for the current service provided
5 by the network platform.

[0056] For example, the terminal 110 counts, based on operation data of each user for the current service, a quantity of operations performed by each user for the current service, and stores, in the database, a quantity of operations performed by each user. In response to a service completion operation performed by the current user on the current service, the terminal 110 obtains,
10 from the database, data of the quantity of operations performed by the current user on the current service.

[0057] In step S320, whether a shortcut of the current service needs to be created/established on the network platform is determined based on the operation data of the current service.

[0058] In an example embodiment, the operation data includes at least one of the quantity of operations performed by the current user on the current service, the quantity of operation steps, and the operation condition. The terminal 110 determines, based on operation data of at least one
15 user for the current service, whether the shortcut of the current service needs to be created on the network platform. For example, if the quantity of operations is greater than a predetermined quantity threshold and/or the quantity of operation steps is greater than a predetermined quantity
20 threshold, it is determined that the shortcut of the current service needs to be created on the network platform.

[0059] The following describes, by using several examples, how to determine, based on the operation data of the current service, whether the shortcut of the current service needs to be created on the network platform.

25 [0060] Example 1:

[0061] In an example embodiment, the operation data includes the quantity of operations performed by the current user on the current service. If the quantity of operations is greater than the predetermined quantity threshold, it is determined that the shortcut of the current service needs to be created on the network platform. For example, it is assumed that the predetermined quantity
30 threshold is 3. If the quantity of operations performed by the current user on the current service is greater than 3, it is determined that the shortcut of the current service needs to be created on the

network platform.

[0062] It should be noted that, although descriptions are provided by using an example in which the predetermined quantity threshold is 3, a person skilled in the art should understand that the predetermined quantity threshold can alternatively be another proper value, for example, 2 or 4. This also falls within the scope of this embodiment of this specification.

[0063] Example 2:

[0064] In an example embodiment, the operation data includes the quantity of operations performed by the current user on the current service and the operation condition. If the quantity of operations is greater than the predetermined quantity threshold and operation conditions of all operations are the same, it is determined that the shortcut of the current service needs to be created on the network platform. For example, it is assumed that the current service is a transaction detail service, the predetermined quantity threshold is 3, and an operation condition of the transaction detail service includes a transaction time period, a transaction type, etc. If the quantity of operations for the current service is greater than 3 and operation conditions of all operations are the same, it is determined that the shortcut of the current service needs to be created on the network platform.

[0065] Example 3:

[0066] In an example embodiment, the operation data includes the quantity of operation steps performed by the current user on the current service. If the quantity of operation steps is greater than the predetermined quantity threshold, it is determined that the shortcut of the current service needs to be created on the network platform. For example, it is assumed that the predetermined quantity threshold is 5. If the quantity of operation steps of the current user for the current service is greater than 5, it is determined that the shortcut of the current service on the network platform needs to be created.

[0067] It should be noted that, although descriptions are provided by using an example in which the predetermined quantity threshold is 5, a person skilled in the art should understand that the predetermined quantity threshold can alternatively be another proper value, for example, 4 or 6. This also falls within the scope of this embodiment of this specification.

[0068] Example 4:

[0069] In an example embodiment, the operation data includes the quantity of operations performed by the current user on the current service, the quantity of operation steps, and the

operation condition. If the quantity of operations is greater than the predetermined quantity threshold, the quantity of operation steps is greater than the predetermined quantity threshold, and operation conditions of all operations are the same, it is determined that the shortcut of the current service needs to be created on the network platform.

5 **[0070]** Example 5:

[0071] In an example embodiment, if the current user operates the current service for the first time, the operation data includes historical operation data of a plurality of other users different from the current user for the current service. The terminal 110 counts, based on the historical operation data of the plurality of other users for the current service, a quantity of operations
10 performed by each another user for the current service; and determines, based on a statistical result, whether the shortcut of the current service needs to be created on the network platform.

[0072] For example, the terminal 110 counts, based on the historical operation data of the plurality of other users for the current service, a quantity of operations performed by each another user for the current service; and determines an average value of quantities of operations performed
15 by the plurality of other users for the current service. If the average value is greater than a predetermined threshold, it is determined that the shortcut of the current service needs to be created on the network platform.

[0073] In step S330, the shortcut of the current service on the network platform is generated if the shortcut of the current service needs to be created/established.

20 **[0074]** In an example embodiment, if it is determined, based on the operation data of the current service, that the shortcut of the current service needs to be created, the terminal 110 obtains operation procedure data in the operation data of the current user for the current service. The operation procedure data can be data that includes a common operation step of the current user for the current service. For example, the procedure data includes operation step data and operation
25 condition data of each operation step, and the shortcut or a quick function of the current service on the network platform is generated based on the operation procedure data. For example, it is assumed that the current service is a transaction detail service. If the shortcut of the current service needs to be created, the terminal 110 obtains the operation procedure data of the current user for the current service, for example, data such as an operation step of the transaction detail service, a
30 time period of the transaction detail service, and a transaction type. For example, the shortcut of the current service is displayed in the operation interface of the network platform.

[0075] According to the technical solutions in the example embodiment in FIG. 3, whether to create the shortcut of the current service on the network platform is determined based on the operation data of the current service provided by the network platform, to accurately determine a common service of a user on the network platform, and determine whether to create a shortcut of the common service. In addition, the shortcut of the current service provided by the network platform is generated. The shortcut of the common service is used to help the user reduce an operation time, and avoid a repeated operation procedure, thereby improving operation efficiency of the user for the common service of the network platform.

[0076] Further, in an example embodiment, when the shortcut of the current service provided by the network platform is generated, a correspondence between the shortcut of the current service and the operation procedure data of the current service is created, and the operation procedure data includes the operation step and the operation condition. For example, it is assumed that the operation procedure data of the current service includes three steps: step 1, step 2, and step 3. Step 2 includes a condition 1 and a condition 2. When the shortcut of the current service provided by the network platform is generated, the correspondence between the shortcut of the current service and the operation procedure data is established.

[0077] According to the technical solutions in the example embodiment, the correspondence between the shortcut of the current service and the operation procedure data of the current service is established, to execute a common operation procedure of the current service when the shortcut is triggered, and avoid a repeated operation step, thereby improving operation efficiency of the user for the common service of the network platform.

[0078] FIG. 4 is a schematic flowchart of determining whether a shortcut of a current service needs to be created according to some embodiments of this specification.

[0079] As shown in FIG. 4, in step S410, whether a shortcut confirmation control needs to be displayed in the operation interface of the network platform is determined based on the operation data of the current service.

[0080] In an example embodiment, the shortcut confirmation control is used by the user to confirm whether to create the shortcut of the current service. The operation data includes at least one of the quantity of operations performed by the current user on the current service, the quantity of operation steps, and the operation condition. The terminal 110 determines, based on operation data of at least one user for the current service, whether a shortcut confirmation control needs to

be displayed in the operation interface of the network platform. For example, if the quantity of operations is greater than the predetermined quantity threshold and/or the quantity of operation steps is greater than the predetermined quantity threshold, it is determined that the shortcut confirmation control needs to be displayed in the operation interface of the network platform. The following describes, by using several examples, how to determine, based on the operation data of the current service, whether the shortcut confirmation control needs to be displayed in the operation interface of the network platform.

[0081] Example 1:

[0082] In an example embodiment, the operation data includes the quantity of operations performed by the current user on the current service. If the quantity of operations is greater than the predetermined quantity threshold, it is determined that the shortcut confirmation control needs to be displayed in the operation interface of the network platform. For example, it is assumed that the predetermined quantity threshold is 3. If the quantity of operations performed by the current user on the current service is greater than 3, it is determined that the shortcut confirmation control needs to be displayed in the operation interface of the network platform.

[0083] Example 2:

[0084] In an example embodiment, the operation data includes the quantity of operations performed by the current user on the current service and the operation condition. If the quantity of operations is greater than the predetermined quantity threshold and operation conditions of all operations are the same, it is determined that the shortcut confirmation control needs to be displayed in the operation interface of the network platform. For example, it is assumed that the current service is a transaction detail service, the predetermined quantity threshold is 3, and an operation condition of the transaction detail service includes a transaction time period, a transaction type, etc. If the quantity of operations for the current service is greater than 3 and operation conditions of all operations are the same, it is determined that the shortcut confirmation control needs to be displayed in the operation interface of the network platform.

[0085] Example 3:

[0086] In an example embodiment, the operation data includes the quantity of operation steps performed by the current user on the current service. If the quantity of operation steps is greater than the predetermined quantity threshold, it is determined that the shortcut confirmation control needs to be displayed in the operation interface of the network platform. For example, it is assumed

that the predetermined quantity threshold is 5. If the quantity of operation steps of the current user for the current service is greater than 5, it is determined that the shortcut confirmation control needs to be displayed in the operation interface of the network platform.

[0087] Example 4:

5 **[0088]** In an example embodiment, if the current user operates the current service for the first time, the operation data includes historical operation data of a plurality of other users different from the current user for the current service. The terminal 110 counts, based on the historical operation data of the plurality of other users for the current service, a quantity of operations performed by each another user for the current service; and determines, based on a statistical result,
10 that the shortcut confirmation control needs to be displayed in the operation interface of the network platform.

[0089] For example, the terminal 110 counts, based on the historical operation data of the plurality of other users for the current service, a quantity of operations performed by each another user for the current service; and determines an average value of quantities of operations performed
15 by the plurality of other users for the current service. If the average value is greater than a predetermined threshold, it is determined that the shortcut confirmation control needs to be displayed in the operation interface of the network platform.

[0090] In step S420, if the shortcut confirmation control needs to be displayed, the shortcut confirmation control is displayed in the operation interface.

20 **[0091]** In an example embodiment, if the terminal 110 determines that the shortcut confirmation control needs to be displayed in the operation interface of the network platform, the shortcut confirmation control is displayed in the operation interface of the network platform. For example, if the quantity of operations performed by the current user on the current service is greater than 3, the shortcut confirmation control is displayed in the operation interface of the network
25 platform, and the shortcut confirmation control can be a control that includes an "OK" option and a "Cancel" option.

[0092] In step S430, the shortcut of the current service on the network platform is generated based on the operation data of the current service in response to the confirmation operation performed on the shortcut confirmation control.

30 **[0093]** In an example embodiment, if the user taps the "OK" option on the shortcut confirmation control, the terminal 110 obtains, in response to a confirmation operation performed

by the user on the shortcut confirmation control, the operation procedure data in the operation data of the current user for the current service. The operation procedure data includes operation step data, operation condition data of each operation step, etc. A shortcut or a quick function of the current service on the network platform is determined based on the operation procedure data. The

5 shortcut is used to perform each operation step of the current service based on the operation procedure data of the current user for the current service. For example, the operation procedure data includes each operation step of the current service and an operation condition of each step, and each operation step of the current service is performed based on each operation step of the current user for the current service and the operation condition of each step.

10 **[0094]** For example, it is assumed that the current service is a currency exchange service. If the shortcut of the current service needs to be created, the terminal 110 obtains the operation procedure data of the current user for the current service, for example, data such as an operation step of the currency exchange service or an operation condition such as a currency type or an exchange amount. For example, the shortcut of the current service is displayed in the operation

15 interface of the network platform.

[0095] According to the technical solutions in the example embodiment in FIG. 4, whether the shortcut confirmation control needs to be displayed in the operation interface of the network platform is determined based on the operation data of the current service provided by the network platform, to accurately determine the common service of the user on the network platform, and

20 notify the user of whether to create the shortcut of the common service. In addition, the shortcut of the current service provided by the network platform is generated in response to the confirmation operation performed on the shortcut confirmation control, to help the user reduce an operation time, and avoid a repeated operation procedure, thereby improving operation efficiency of the user for the common service of the network platform.

25 **[0096]** In addition, in an example embodiment, the operation data of the current service is recorded in response to the service completion operation performed by the current user on the current service provided by the network platform, and the operation data includes an operation step and an operation condition. It is assumed that the current service is a transaction detail service. An operation step and an operation condition of the transaction detail service are recorded in

30 response to a query end operation after the user queries a transaction detail on the payment network platform. For example, the operation step includes steps such as tapping a transaction detail control

on a homepage and setting a query condition. The operation condition includes a query time period, a transaction type, etc.

[0097] According to the technical solutions in the example embodiment, the operation data of the current service is recorded, to efficiently collect operation data of each user for various services provided by the network platform, for example, a common operation of the user and data generated or selected in an operation process.

[0098] FIG. 5 is a schematic diagram of displaying a shortcut of a current service in an operation interface according to some embodiments of this specification.

[0099] As shown in FIG. 5, in an example embodiment, an operation control of a shortcut of at least one service is displayed in the operation interface of the network platform. The operation control is used to execute a target service on the network platform in response to a triggering operation performed on an operation control of the target service. In FIG. 5, the operation interface of the network platform includes an account management service, a transaction detail service, a credit center service, and a currency exchange service. A current operation interface is an operation interface of the account management service, and the operation control of the shortcut of the at least one service is displayed in the operation interface of the network platform, for example, a shortcut A, a shortcut B, and a shortcut C. It is assumed that shortcut A is a shortcut of a transaction detail service. Recorded operation procedure data of the current user for the transaction detail service is obtained in response to a tap operation performed on the shortcut A of the transaction detail service, for example, a common operation step and an operation condition, and each operation step of the transaction detail service is performed based on the operation procedure data of the current user for the transaction detail service.

[00100] According to the technical solutions in the example embodiment, because the shortcut corresponds to the operation procedure data of the common service of the user, the common service of the user on the network platform is executed by using the shortcut, to help the user reduce an operation time, and avoid a repeated operation procedure, thereby improving operation efficiency of the user for the common service of the network platform.

[00101] Further, in an example embodiment, the operation control of the shortcut of the at least one service is displayed in a form of a floating window in the operation interface of the network platform. The shortcut of the service is displayed in the form of a floating window, so that the shortcut can be kept displayed in different operation interfaces of the network platform, so that the

user can perform an efficient operation on the common service.

[00102] FIG. 6 is a schematic diagram of displaying a shortcut modification control of a current service in an operation interface according to some embodiments of this specification.

[00103] In an example embodiment, before the network platform executes the current service,
5 the shortcut processing method further includes: displaying a shortcut modification control in the operation interface of the network platform. The shortcut modification control is used by the user to choose whether to modify the shortcut of the current service. For example, as shown in FIG. 6, a shortcut modification control of "Are you sure you want to modify the shortcut A" is displayed; and a service modification interface corresponding to the shortcut of the current service is
10 displayed in response to a modification confirmation operation performed on the shortcut modification control. The service modification interface includes an operation condition item corresponding to the current service. As shown in FIG. 7, the service modification page is a transaction detail modification page. The transaction detail modification page includes a time option, a currency option, a transaction type option, etc.

[00104] Further, in an example embodiment, the shortcut processing method further includes:
15 synchronously modifying the corresponding shortcut based on modification content of the service modification interface in response to a modification completion operation in the service modification interface of the current service; or newly creating another shortcut corresponding to the shortcut in response to a modification completion operation in the service modification
20 interface of the current service.

[00105] According to the technical solution in the example embodiment in FIG. 6, an operation condition of the shortcut is modified in the service modification interface, to modify the shortcut of the common service based on a requirement of the user, so that the shortcut can adapt to a change in an operation requirement of the user.

[00106] FIG. 8 is a schematic flowchart of a shortcut processing method according to some
25 other embodiments of this specification.

[00107] As shown in FIG. 8, in step S810, a shortcut of at least one service is displayed in the operation interface of the network platform. The shortcut is an operation control generated based on operation data of the current user.

[00108] In an example embodiment, the operation data includes at least one of the quantity of
30 operations performed by the current user on the current service, the quantity of operation steps,

and the operation condition. For example, the shortcut is an operation control generated when the quantity of operations performed by the current user on the current service is greater than the predetermined quantity threshold and/or the quantity of operation steps is greater than the predetermined quantity threshold. As shown in FIG. 5, the operation interface of the network platform includes an account management service, a transaction detail service, a credit center service, and a currency exchange service. A current operation interface is an operation interface of the account management service, and the operation control of the shortcut of the at least one service is displayed in the operation interface of the network platform, for example, a shortcut A, a shortcut B, and a shortcut C.

10 [00109] In step S820, a target service is executed on the network platform in response to a triggering operation performed on a shortcut of the target service in the at least one service.

[00110] In an example embodiment, the operation data includes operation procedure data, the operation procedure data includes an operation step and an operation condition, and the shortcut is an operation control generated based on the operation procedure data of the current user for the current service. An operation step and an operation condition that correspond to the target service are obtained from the operation procedure data; and each operation step of the target service is executed on the network platform based on the operation step and the operation condition.

15 [00111] For example, when the shortcut of the target service provided by the network platform is generated, a correspondence between the shortcut of the target service and the operation procedure data of the target service is created. The operation procedure data includes an operation step and an operation condition. For example, it is assumed that the operation procedure data of the target service includes three steps: step 1, step 2, and step 3. Step 2 includes a condition 1 and a condition 2. When the shortcut of the target service provided by the network platform is generated, the correspondence between the shortcut of the target service and the operation procedure data is established. The operation procedure data of the target service corresponding to the shortcut is obtained based on the correspondence in response to the triggering operation performed on the shortcut of the target service in the at least one service; an operation step and an operation condition that correspond to the target service are obtained from the operation procedure data; and each operation step of the target service is executed on the network platform based on the operation step and the operation condition.

20 [00112] According to the technical solutions in the example embodiment in FIG. 8, because the

shortcut corresponds to the operation procedure data of the common service of the user, the common service of the user on the network platform is executed by using the shortcut, to help the user reduce an operation time, and avoid a repeated operation procedure, thereby improving operation efficiency of the user for the common service of the network platform.

5 **[00113]** Further, in some example embodiments, the shortcut of the at least one service is displayed in a form of a floating window in the operation interface of the network platform. The shortcut of the service is displayed in the form of a floating window, so that the shortcut can be kept displayed in different operation interfaces of the network platform, so that the user can perform an efficient operation on the common service.

10 **[00114]** In addition, in an example embodiment, before the network platform executes the target service, the shortcut processing method further includes: displaying, in the operation interface of the network platform, a control for choosing whether the shortcut of the target service needs to be modified; and displaying, in response to a modification confirmation operation, a service modification interface corresponding to the shortcut of the target service. The service modification
15 interface includes a parameter item corresponding to the target service.

[00115] Further, in an example embodiment, the shortcut processing method further includes: in response to a modification completion operation in the service modification interface of the current service, synchronously modifying the shortcut based on modification content corresponding to the modification completion operation; or newly creating another shortcut
20 corresponding to the shortcut in response to a modification completion operation in the service modification interface of the current service.

[00116] According to the technical solution in the example embodiment, an operation condition of the shortcut is modified in the service modification interface, to modify the shortcut of the common service based on a requirement of the user, so that the shortcut can adapt to a change in
25 an operation requirement of the user.

[00117] It should be noted that the technical solutions of the shortcut processing method in FIG. 8 and the technical solutions of the shortcut processing method in FIG. 3 to FIG. 7 belong to a same concept. For detailed content not described in detail in the technical solutions in FIG. 8, refer to descriptions of the technical solutions in the example embodiments.

30 **[00118]** FIG. 9 is a schematic flowchart of a shortcut processing method according to still some other embodiments of this specification.

[00119] As shown in FIG. 9, in step S910, a service completion operation performed on the current service is detected.

[00120] In an example embodiment, when receiving an instruction of the service completion operation performed on the current service, a terminal 110 detects the service completion operation performed on the current service, and triggers a procedure of whether to set a shortcut, that is, performs step S920. For example, when a user completes step (5) of the current service, the terminal 110 detects the service completion operation performed on the current service.

[00121] In step S920, whether an operation procedure of the current service needs to be set as a shortcut is determined.

[00122] In an example embodiment, when determining that a repeated operation may be performed on the current service, the terminal 110 actively initiates a "shortcut" creation query to the user. For example, when a quantity of operations performed by a current user on the current service is greater than a predetermined quantity threshold and/or a quantity of operation steps is greater than a predetermined quantity threshold, the "shortcut" creation query is actively initiated to the user. For example, after the user repeats a same operation procedure for at least three times, the terminal 110 initiates the "shortcut" creation query to the user.

[00123] In step S930, a shortcut of the current service is generated.

[00124] In an example embodiment, operation procedure data in operation data of the current user for the current service is obtained. The operation procedure data includes operation step data, operation condition data of each operation step, etc. A shortcut or a quick function of the current service on a network platform is determined based on the operation procedure data. For example, the operation procedure data includes steps (1) to (5) of the current service, and the shortcut corresponds to steps (1) to (5) of the current service.

[00125] According to the technical solutions in the example embodiment in FIG. 9, whether to create the shortcut of the current service on the network platform is determined based on the operation data of the current service provided by the network platform, to accurately determine a common service of a user on the network platform, and determine whether to create a shortcut of the common service. In addition, the shortcut of the current service provided by the network platform is generated. The shortcut of the common service is used to help the user reduce an operation time, and avoid a repeated operation procedure, thereby improving operation efficiency of the user for the common service of the network platform.

[00126] FIG. 10 is a schematic flowchart of modifying a shortcut according to some embodiments of this specification.

[00127] As shown in FIG. 10, in step S1010, a shortcut A is tapped.

[00128] In an example embodiment, execution logic of the shortcut A is triggered in response to a tap operation performed by a user on the shortcut A.

[00129] In step S1020, whether any content needs to be modified is determined.

[00130] In an example embodiment, information about a procedure can be modified after the user enables the "Shortcut A". A terminal 110 queries the user about whether to modify the shortcut A, for example, by displaying a selection control of whether a shortcut of a target service needs to be modified. If the shortcut of the target service needs to be modified, step S1030 is performed.

[00131] In step S1030, a modification page is displayed.

[00132] In an example embodiment, a service modification interface corresponding to the shortcut of the target service is displayed in response to a modification confirmation operation. The service modification interface includes a parameter item corresponding to the target service.

[00133] In step S1040, whether to synchronize the shortcut A is determined.

[00134] In step S1050, the shortcut A is modified synchronously.

[00135] In step S1060, whether to newly create a shortcut B is determined.

[00136] In step S1070, the shortcut B is newly created.

[00137] In an example embodiment, the terminal 110 actively initiates, to the user, a query about whether to synchronously modify the "Shortcut A" or create the "Shortcut B". In response to a confirmation operation performed by the user to synchronously modify the "Shortcut A", the shortcut A is synchronously modified, and the shortcut B is newly created in response to a confirmation operation performed by the user to newly create the shortcut B.

[00138] According to the technical solution in the example embodiment in FIG. 10, an operation condition of the shortcut is modified, to modify the shortcut of the common service based on a requirement of the user, so that the shortcut can adapt to a change in an operation requirement of the user.

[00139] Another aspect of this specification provides a non-transitory storage medium. The non-transitory storage medium stores at least one group of executable instructions used to perform shortcut processing. When the executable instructions are executed by a processor, the executable instructions instruct the processor to implement steps of the shortcut processing method in this

specification. In some possible implementations, aspects of this specification can further be implemented in a form of a program product, including program code. When the program product runs on a shortcut processing device 200, the program code is used to enable the shortcut processing device 200 to perform steps of the shortcut processing method described in this specification. The program product used to implement the above-mentioned method can be a portable compact disk read-only memory (CD-ROM), including program code, and can run on the shortcut processing device 200.

[00140] However, the program product in this specification is not limited thereto. In this specification, a 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 be any combination of one or more readable media. The readable medium can be a readable signal medium or a readable storage medium. The readable storage medium can be, for example, an electrical system, apparatus, or device, a magnetic system, apparatus, or device, an optical system, apparatus, or device, an electromagnetic system, apparatus, or device, an infrared system, apparatus, or device, or a semiconductor system, apparatus, or device, or any combination thereof. More specific examples of the readable storage medium include: an electrical connection including one or more conducting wires, a portable disk, a hard disk, a random access memory (RAM), a read-only memory (ROM), an erasable programmable read-only memory (EPROM or flash memory), an optical fiber, a portable compact disc read-only memory (CD-ROM), an optical storage component, a magnetic storage component, or any proper combination thereof. The computer-readable storage medium can include a data signal propagated in a baseband or as part of a carrier, and carries readable program code. The propagated data signal can be in a plurality of forms, and includes but is not limited to an electromagnetic signal, an optical signal, or any proper combination thereof. The readable storage medium can further be any readable medium other than the readable storage medium, and the readable medium can be used to send, propagate, or transmit a program used by or in combination with an instruction execution system, apparatus, or component. The program code included in the readable storage medium can be transmitted in any proper medium, including but not limited to a wireless medium, a wired medium, optical cable, an RF medium, or any proper combination thereof. Program code for performing an operation of this specification can be written in any combination of one or more program design languages. The program design language includes an object-oriented program

design language, for example, Java or C++, and further includes a conventional procedural program design language, for example, "C" language, or a similar program design language. The program code can be completely executed on the shortcut processing device 200, partially executed on the shortcut processing device 200, executed as an independent software package, partially executed on the shortcut processing device 200 and partially executed on a remote computing device, or completely executed on a remote computing device.

[00141] In conclusion, after reading the detailed disclosure, a person skilled in the art can understand that the detailed disclosure can be presented only in an example manner, and may impose no limitation. Although not expressly stated herein, a person skilled in the art can understand that this specification is intended to include various proper changes, improvements, and modifications to the embodiments. These changes, improvements, and modifications are intended to be presented in this specification, and fall within the spirit and scope of the example embodiments of this specification.

[00142] 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 can still be achieved. In addition, processes described in the accompanying drawings do not necessarily need a specific order or a sequential order shown to achieve the desired results. In some implementations, multi-tasking and parallel processing are feasible or may be advantageous.

[00143] In addition, certain terms in this specification are used to describe the embodiments of this specification. For example, "an embodiment", "embodiments", and/or "some embodiments" mean that a particular feature, structure, or characteristic described with reference to the embodiments may be included in at least one embodiment of this specification. Therefore, it can be emphasized and understood that two or more references of "embodiments", "one embodiment", or "alternative embodiments" in each part of this specification do not necessarily indicate the same embodiment. In addition, specific features, structures, or features can be properly combined in one or more embodiments of this specification.

[00144] It should be understood that, in the descriptions of the embodiments of this specification, to help understand a feature, for purposes of simplifying this specification, various features are sometimes combined in a single embodiment, accompanying drawings, or descriptions thereof in this specification. Alternatively, in this specification, various features are distributed in

a plurality of embodiments of this specification. However, this does not mean that a combination of these features is necessary. A person skilled in the art may completely extract some features as a separate embodiment for understanding when reading this specification. That is, the embodiments in this specification can also be understood as an integration of a plurality of
5 secondary embodiments. Content of each secondary embodiment is also true when features are less than all features in one of the above-mentioned disclosed embodiments.

CLAIMS

What is claimed is:

1. A shortcut processing method, comprising:
obtaining operation data of a current service provided by a network platform;
5 determining, based on the operation data of the current service, whether a shortcut of the current service needs to be created on the network platform; and
generating the shortcut of the current service on the network platform if the shortcut of the current service needs to be created.
2. The method according to claim 1, wherein the operation data comprises at least one of a
10 quantity of operations performed by a current user on the current service, a quantity of operation steps, and an operation condition.
3. The method according to claim 2, wherein the operation data comprises the quantity of operations performed by the current user on the current service and/or the quantity of operation steps, and the determining, based on the operation data of the current service, whether a shortcut
15 of the current service needs to be created on the network platform comprises:
if the quantity of operations is greater than a predetermined quantity threshold and/or the quantity of operation steps is greater than a predetermined quantity threshold, determining that the shortcut of the current service needs to be created on the network platform.
4. The method according to claim 2, wherein the operation data comprises the quantity of
20 operations performed by the current user on the current service and the operation condition, and the determining, based on the operation data of the current service, whether a shortcut of the current service needs to be created on the network platform comprises:
if the quantity of operations is greater than a predetermined quantity threshold and operation conditions of all operations are the same, determining that the shortcut of the current service needs
25 to be created on the network platform.
5. The method according to claim 2, wherein the operation data comprises the quantity of operations performed by the current user on the current service, the quantity of operation steps, and the operation condition, and the determining, based on the operation data of the current service, whether a shortcut of the current service needs to be created on the network platform comprises:
30 if the quantity of operations is greater than a predetermined quantity threshold, the quantity

of operation steps is greater than a predetermined quantity threshold, and the operation conditions of all operations are the same, determining that the shortcut of the current service on the network platform needs to be created.

6. The method according to claim 2, wherein before the obtaining operation data of a current service provided by a network platform, the method further comprises:

counting, based on historical operation data of the current user for the current service, the quantity of operations performed by the current user on the current service.

7. The method according to claim 1, wherein if the current user operates the current service for the first time, the operation data comprises historical operation data of a plurality of other users different from the current user for the current service, and the determining, based on the operation data of the current service, whether a shortcut of the current service needs to be created on the network platform comprises:

counting, based on the historical operation data of the plurality of other users for the current service, a quantity of operations performed by each another user for the current service; and

determining, based on a statistical result, whether the shortcut of the current service needs to be created on the network platform.

8. The method according to claim 1, wherein the determining, based on the operation data of the current service, whether a shortcut of the current service needs to be created on the network platform comprises:

determining, based on the operation data of the current service, whether a shortcut confirmation control needs to be displayed in an operation interface of the network platform, wherein the shortcut confirmation control is used by a current user to confirm whether to create the shortcut of the current service; and

the generating the shortcut of the current service on the network platform if the shortcut of the current service needs to be created comprises:

when the shortcut confirmation control is displayed in the operation interface, generating the shortcut of the current service on the network platform based on the operation data of the current user for the current service in response to a confirmation operation performed on the shortcut confirmation control.

9. The method according to claim 1, wherein after the shortcut is created, the method further comprises:

displaying an operation control of the shortcut of the current service in an operation interface of the network platform, wherein the operation control is used to execute the current service on the network platform in response to a triggering operation performed on the operation control.

10. The method according to claim 9, wherein before the current service is executed on the
5 network platform, the method further comprises:

displaying a shortcut modification control in the operation interface of the network platform, wherein the shortcut modification control is used by a current user to choose whether to modify the shortcut of the current service; and

displaying, in response to a modification confirmation operation performed on the shortcut
10 modification control, a service modification interface corresponding to the shortcut of the current service, wherein the service modification interface comprises an operation condition item corresponding to the current service.

11. The method according to claim 10, wherein the method further comprises:

synchronously modifying the shortcut based on modification content of the service
15 modification interface in response to a modification completion operation in the service modification interface of the current service; or

newly creating another shortcut corresponding to the shortcut in response to a modification completion operation in the service modification interface of the current service.

12. The method according to claim 9, wherein the displaying an operation control of the
20 shortcut of the current service in an operation interface of the network platform comprises:

displaying the operation control of the shortcut of the current service in a form of a floating window in the operation interface of the network platform.

13. The method according to claim 1, wherein the method further comprises:

recording the operation data of the current service in response to a service completion
25 operation performed by a current user on the current service provided by the network platform.

14. The method according to claim 13, wherein the operation data comprises operation procedure data, the operation procedure data comprises an operation step and an operation condition, and the shortcut is used to execute each operation step of the current service based on the operation procedure data of the current user for the current service.

30 15. A shortcut processing method, comprising:

displaying a shortcut of at least one service in an operation interface of a network platform,

wherein the shortcut is an operation control generated based on operation data of a current user;
and

executing a target service on the network platform in response to a triggering operation performed on a shortcut of the target service in the at least one service.

5 16. The method according to claim 15, wherein the operation data comprises at least one of a quantity of operations performed by the current user on the current service, a quantity of operation steps, and an operation condition.

17. The method according to claim 16, wherein the shortcut is generated when the quantity of operations performed by the current user on the current service is greater than a predetermined
10 quantity threshold and/or the quantity of operation steps is greater than a predetermined quantity threshold.

18. The method according to claim 15, wherein before the executing a target service on the network platform, the method further comprises:

displaying, in the operation interface of the network platform, a control for choosing whether
15 the shortcut of the target service needs to be modified; and

displaying, in response to a modification confirmation operation, a service modification interface corresponding to the shortcut of the target service, wherein the service modification interface comprises a parameter item corresponding to the target service.

19. The method according to claim 18, wherein the method further comprises:
20 in response to a modification completion operation in the service modification interface of the current service, synchronously modifying the shortcut based on modification content corresponding to the modification completion operation; or

newly creating another shortcut corresponding to the shortcut in response to a modification completion operation in the service modification interface of the current service.

25 20. The method according to claim 15, wherein the displaying a shortcut of at least one service in an operation interface of the network platform comprises:

displaying the shortcut of the at least one service in a form of a floating window in the operation interface of the network platform.

21. The method according to claim 15, wherein the operation data comprises operation
30 procedure data, the operation procedure data comprises an operation step and an operation condition, and the shortcut is an operation control generated based on the operation procedure data

of the current user for the current service.

22. The method according to claim 21, wherein the executing a target service on the network platform comprises:

5 obtaining, from the operation procedure data, an operation step and an operation condition that correspond to the target service; and

executing each operation step of the target service on the network platform based on the operation step and the operation condition.

23. A shortcut processing device, comprising:

at least one storage medium, comprising at least one instruction set; and

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

when the device runs, the at least one processor reads the at least one instruction set, and executes the method according to any one of claims 1 to 22 based on an indication of the at least one instruction set.

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