CLAIMS

1. An information processing apparatus comprising:

a hardware button configured to enable a user to press, wherein the hardware button is a power button;

a control unit configured to define a predetermined press process executed in response to a press of the hardware button;

a processing unit configured to execute a predetermined process;

a press detection unit configured to detect the press of the hardware button;

a press process rejection unit configured to instruct the control unit to reject the execution of the press process when the press of the hardware button is detected; and

a process execution unit configured to instruct the processing unit to execute the predetermined process when the press of the hardware button is detected, wherein

the processing unit transmits data to the control unit according to a result of the predetermined process, and

the control unit executes the predetermined press process in response to the result of the predetermined process,

wherein the predetermined process obtains a user input to determine the result.

2. The information processing apparatus according to claim 1, wherein

~~the hardware button is a power button,~~

the control unit defines a power-off process executed as the press process, and

the press process rejection unit instructs the control

unit to reject the execution of the power-off process when the press of the power button is detected.

3. The information processing apparatus according to claim 2, wherein

the processing unit executes a power-off inquiry process as the predetermined process, and

the process execution unit instructs the processing unit to execute the power-off inquiry process when the press of the power button is detected.

4. The information processing apparatus according to claim 3, wherein the processing unit further executes end processing when receiving an instruction of power-off from the user in the inquiry process.

5. The information processing apparatus according to claim 1, further comprising:

a count unit configured to count how many times the hardware button is pressed every time the press detection unit detects the press of the hardware button; and

a determining unit configured to determine whether to reject the execution of the press process and whether to execute the predetermined process, based on the count of how many times the hardware button is pressed, wherein

the press process rejection unit instructs the control unit to reject the execution of the press process based on the determination by the determining unit, and

the process execution unit instructs the processing unit to execute the predetermined process based on the determination made by the determining unit.

6. The information processing apparatus according to

claim 5, wherein

the processing unit executes multiple processes different from each other,

the determining unit determines whether to reject the execution of the press process and whether to execute each of the processes, based on the count of how many times the hardware button is pressed, and

the process execution unit instructs the processing unit to execute each of the processes based on the determination made by the determining unit.

7. The information processing apparatus according to claim 6, further comprising a storage unit configured to store process information in which a count of how many times the hardware button is pressed, information as to whether to reject the execution of the press process, and information as to whether to execute each of the processes are associated with each other, wherein

the determining unit determines whether to reject the execution of the press process and whether to execute each of the processes which are associated with the count of how many times the hardware button is pressed counted by the count unit in the process information,

the press process rejection unit instructs the control unit to reject the rejection of the press process according to the determination made by the determining unit, and

the process execution unit instructs the processing unit to execute each of the processes according to the determination made by the determining unit.

8. The information processing apparatus according to claim 7, wherein

~~the hardware button is a power button,~~

the control unit executes a power-off process as the press process,

the count unit counts how many times the power button is pressed every time the press detection unit detects the press of the power button,

the process information associates a count of how many times the power button is pressed, information as to whether to reject the execution of the power-off process, and information as to whether to execute each of the processes,

the determining unit determines whether to reject the execution of the power-off process and whether to execute each of the processes which are associated with the count of how many times the power button is pressed counted by the count unit in the process information, and

the press process rejection unit instructs the control unit to reject the execution of the power-off process according to the determination made by the determining unit.

9. The information processing apparatus according to any one of claims 1 to 8, wherein the control unit is an operating system.

10. A control method executed in an information processing apparatus including a hardware button configured to enable a user to press, the method comprising:

executing a predetermined process by a processing unit;

detecting the press of the hardware button by a press detection unit, wherein the hardware button is a power button;

instructing, by a press process rejection unit, a control unit to reject the execution of a predetermined

press process when the press of the hardware button is detected, the control unit defining the press process executed in response to a press of the hardware button; ~~and~~

instructing, by a process execution unit, the processing unit to execute the predetermined process when the press of the hardware button is detected;

transmitting data, by the processing unit, to the control unit according to a result of the predetermined process; and

executing, by the control unit, the predetermined press process in response to the result of the predetermined process,

wherein the predetermined process obtains a user input to determine the result.

11. A computer-readable recording medium with an executable program stored thereon, wherein the program instructs a computer that includes a hardware button configured to enable a user to press, to perform:

executing a predetermined process;

detecting the press of the hardware button, wherein the hardware button is a power button;

instructing a control unit to reject the execution of a predetermined press process when the press of the hardware button is detected, the control unit defining the press process executed in response to a press of the hardware button; ~~and~~

instructing the execution of the predetermined process when the press of the hardware button is detected;

transmitting data, by the processing unit, to the control unit according to a result of the predetermined process; and

executing, by the control unit, the predetermined

press process in response to the result of the predetermined process,

wherein the predetermined process obtains a user input to determine the result.