IT Automation

Conductor【Tutorial】

※In this document, “Exastro IT Automation” is described as “ITA".

Version 1.6.1

Exastro developer

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1. Introduction

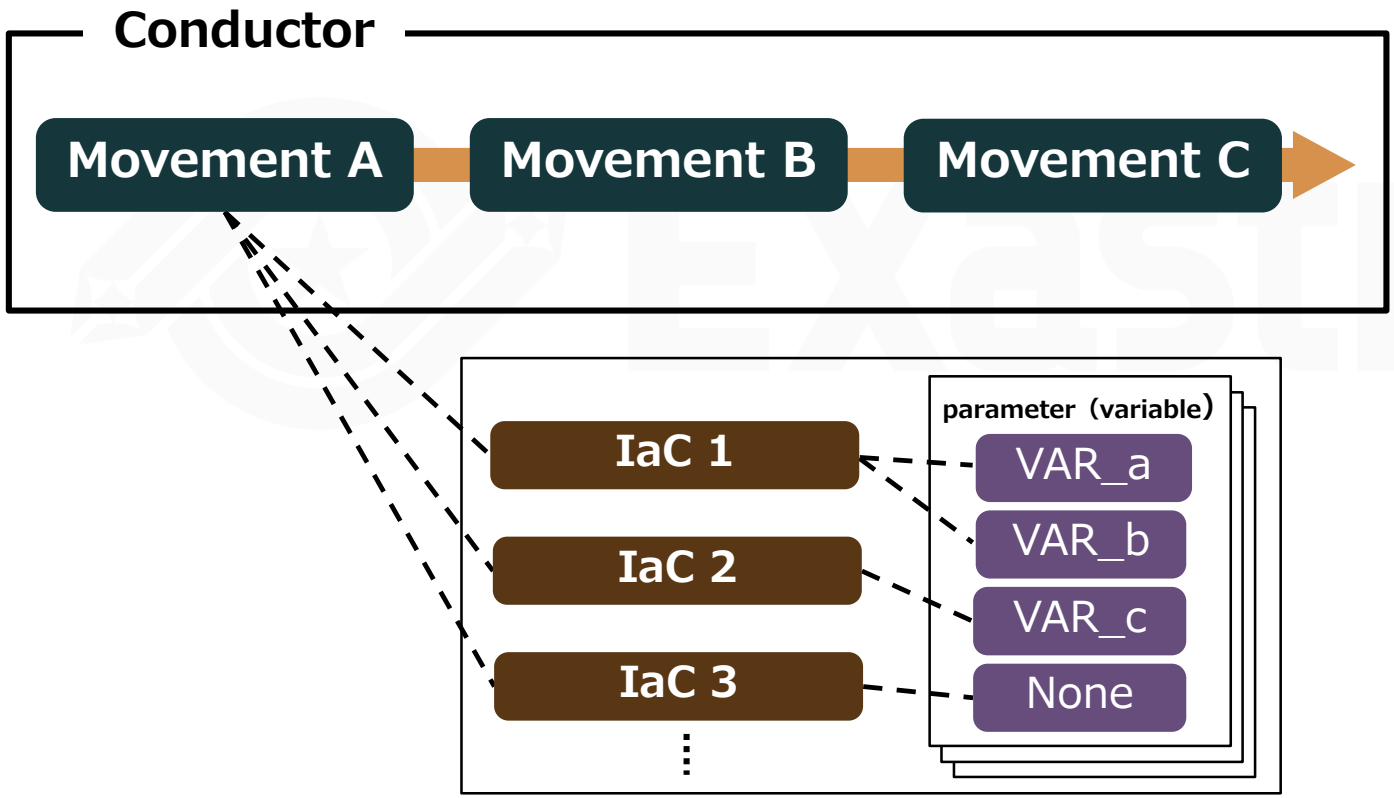
Main menu

- The "Conductor" menu group is explained in this document.

2. About Conductor

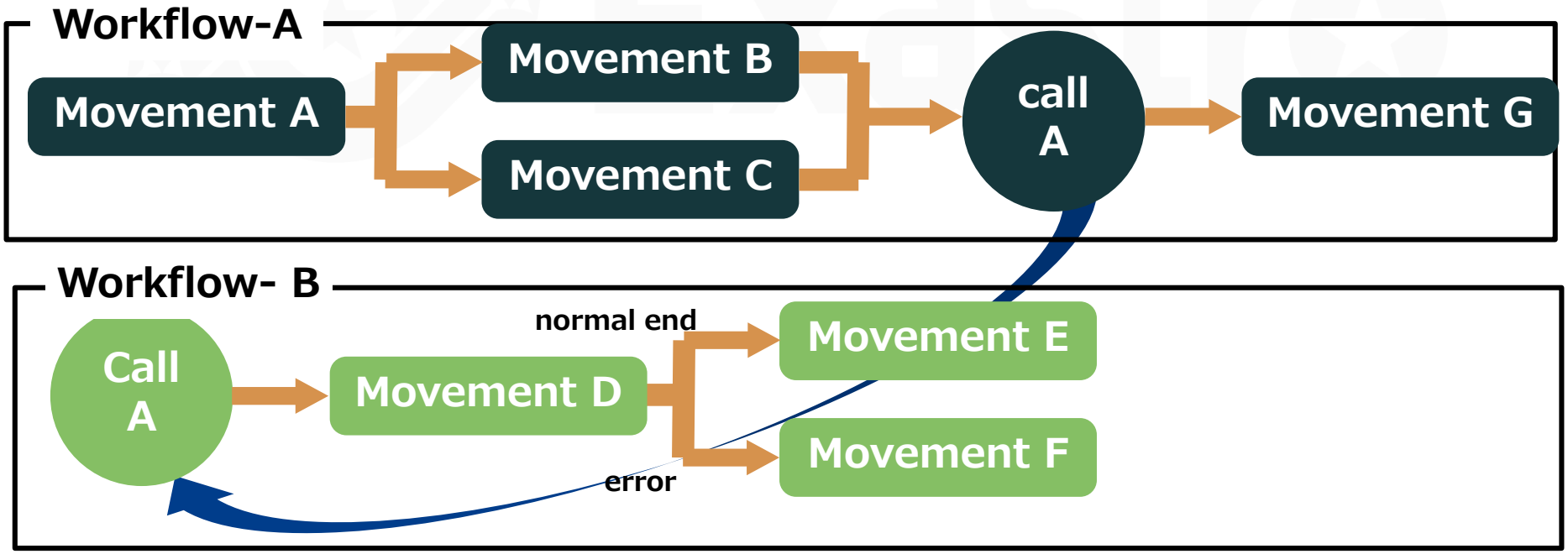
2.1 About Conductor

- Conductor is a function added to ITA from ver1.5.0.
- Conductor specifies Movements into one sequence and links it to an operation before executing it.



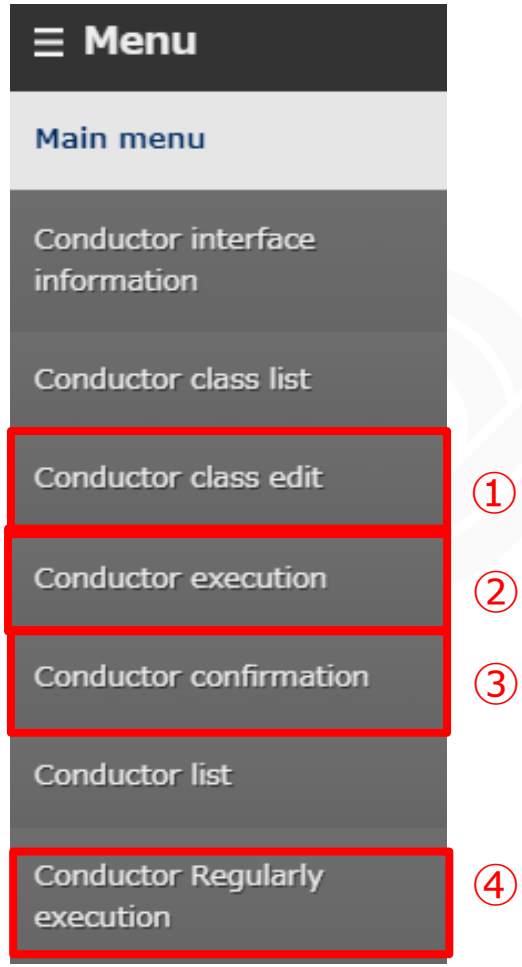
2.2 Conductor features

- Conductor is, in addition to being able to use similar functions that can be found in Symphony.
- As a result, Conductor is able to execute more complicated jobflows.
  - **Parallel movement executions**
  - **Ability to call other jobflows**
  - **Conditional branching according to the execution result of movement**



2.3 Conductor Function Description (1/9)

- The main menus and their functions in Conductor are as following.



①Conductor class edit
Create an operation using previously created movement.

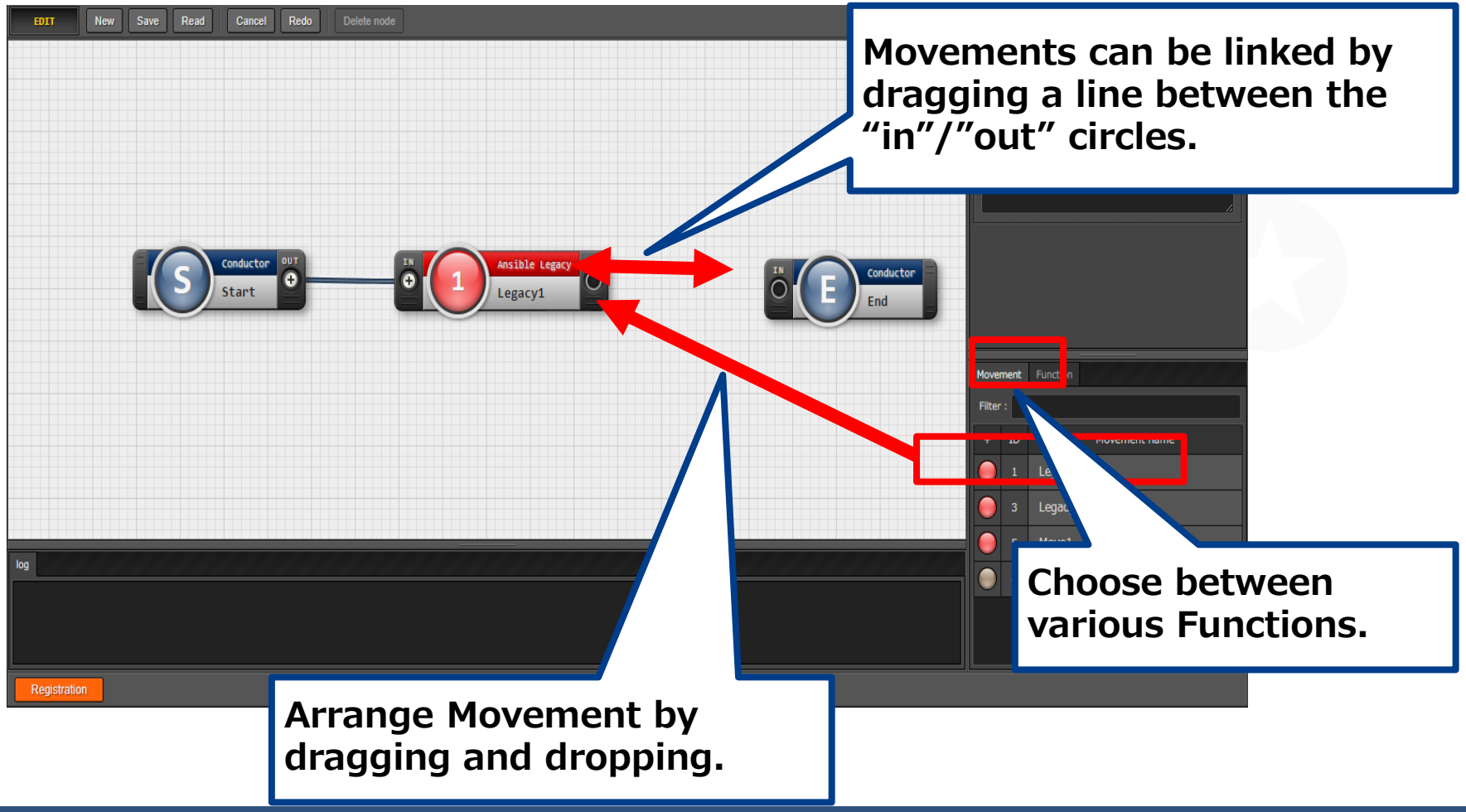
②Conductor execution
Execute operations.

③Conductor confirmation
Confirm previously created operations.

④Conductor Regularly execution
Register operations and configure regularly executed jobflows.

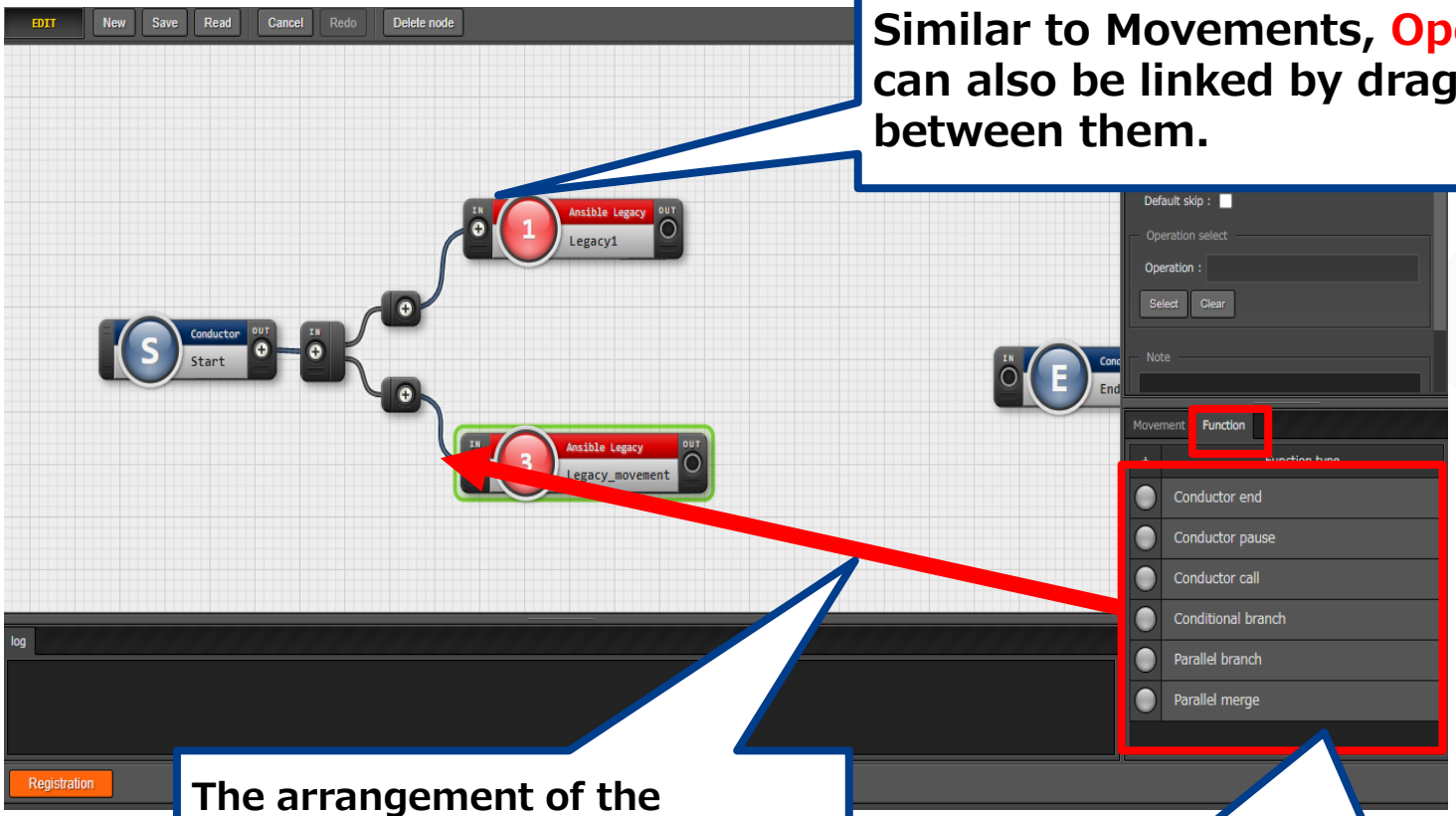
●Conductor class edit（1/3）

- In the "Conductor class edit" menu, Movements and different functions can be added and deleted.



●Conductor class edit（2/3）

- ●Users can use the Conditional branch function by selecting it from the “Function” tab on the right side of the screen.



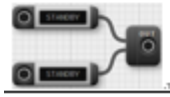
Similar to Movements, Operations can also be linked by dragging a line between them.

The arrangement of the “Function” tab can be changed by dragging and dropping them

Users can choose between different Functions.

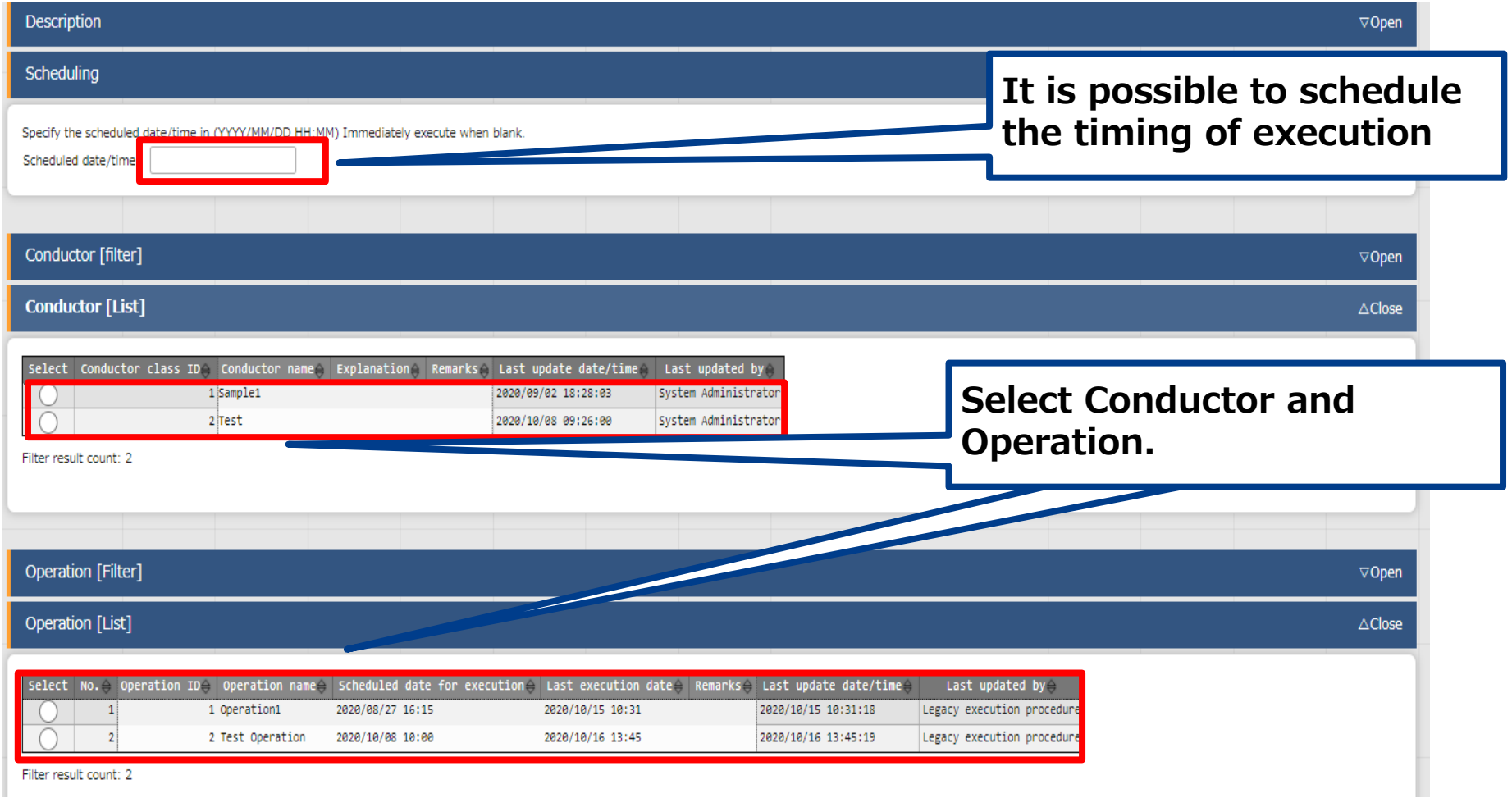
●Conductor class edit（3/3）

- The following explains the different functions available.
  For more details, please refer to this manual.

Picture	Name	Explanation
	Conductor start	Starts Conductor
	Conductor end	Ends Conductor ↓ (If there are multiple "Conductor end" nodes, The Conductor will only end after all nodes has ended.)
	Conductor pause	Pauses any workflows. Un-pausing will resume the workflow.
	Conductor call	Calls another Conductor class.
	Symphony call	Calls a Symphony.
	Conditional branch	Branches the workflow depending on the result of the preceding Movement, Conductor call or Symphony call. ・Normal End ・Abnormal End ・Emergency Stop ・Preparation Error ・Unexpected Error ・SKIP Complete
	Parallel branch	Executes "Movement", "Conductor call", and "Symphony call" in parallel. The number of executions that can be done in parallel depends on the ITA configuration and server specs.
	Parallel merge	Executes the following node after all of the preceding operations have completed.
	Movement nodes	Executes Movement

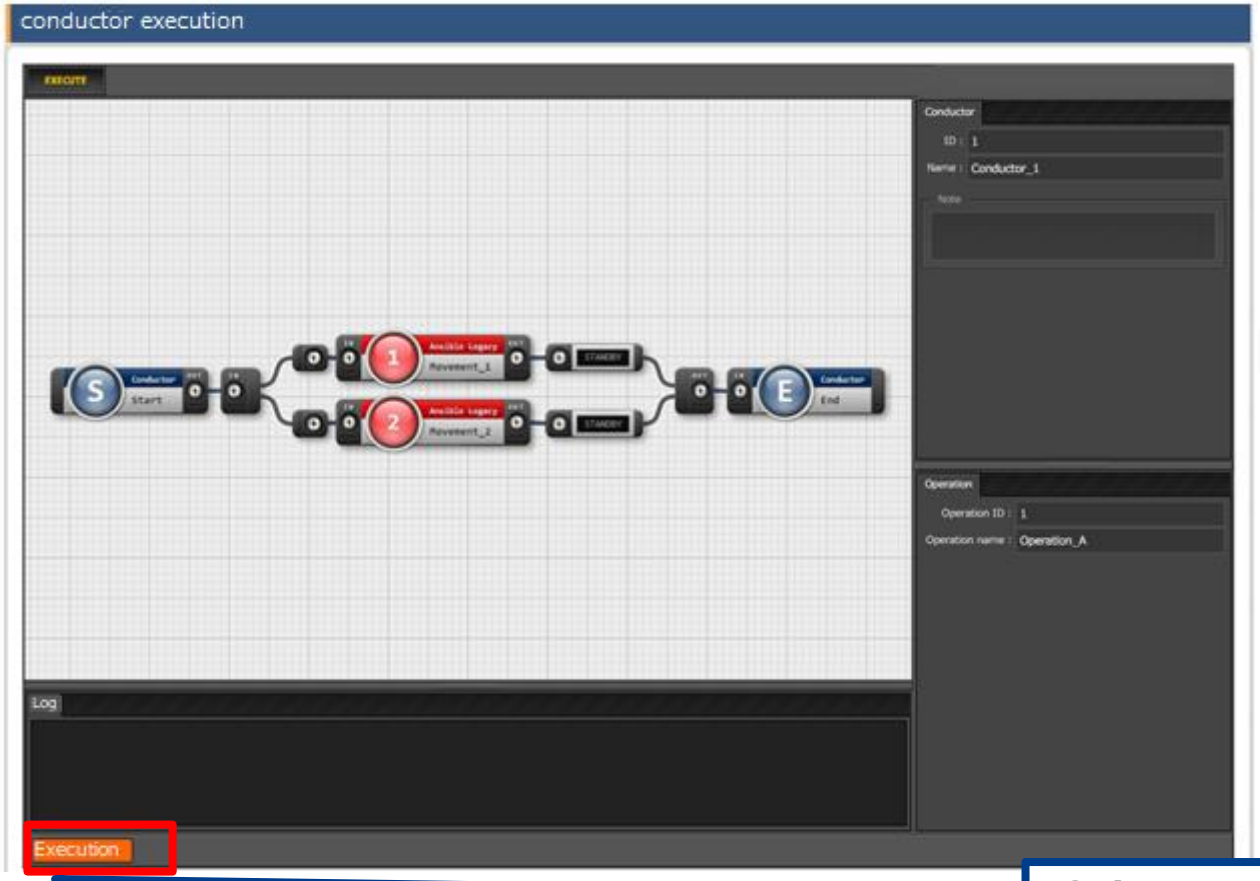
●Conductor execution(1/2)

- Choose and execute the created Conductor in the "Conductor execution" menu.



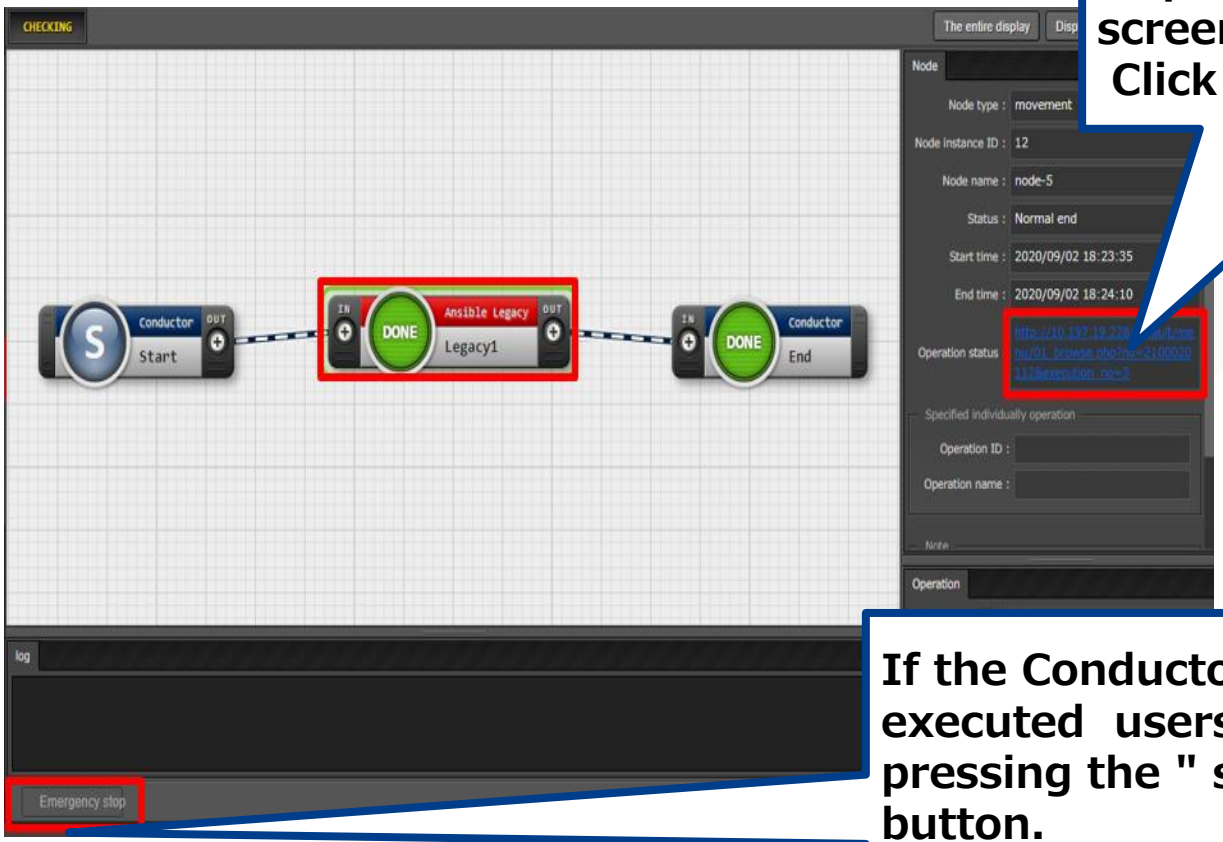
●Conductor execution (2/2)

- The conductor and operation selected at the top of the page will be displayed.



If there are no problems with the contents, press the "Execute" button to execute.

- **Conductor confirmation**
- Check the execution status from the "Conductor Confirmation Menu".

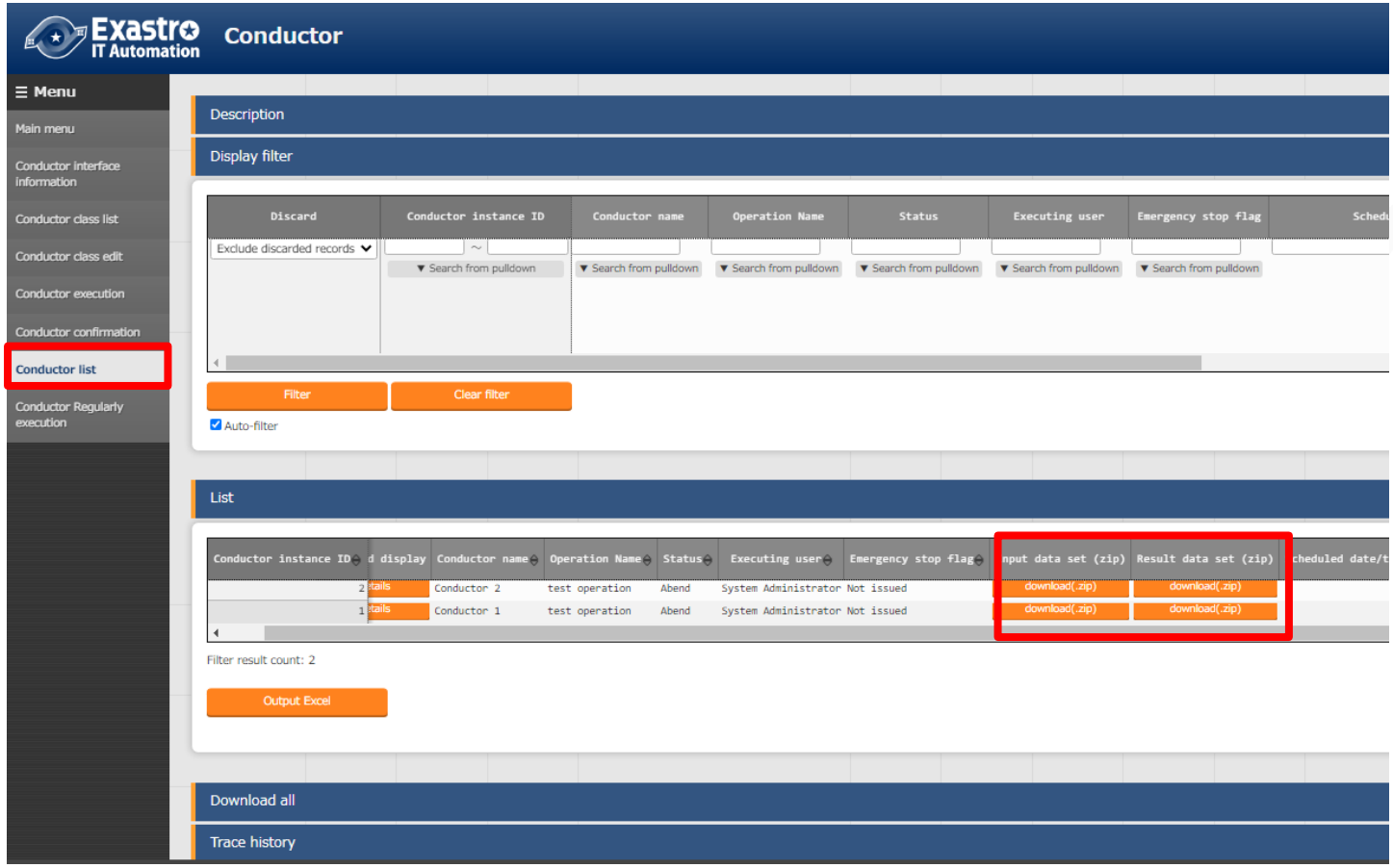


Clicking the movement will display a detailed results screen.
Click here for more details.

If the Conductor is scheduled to be executed users can cancel it pressing the " schedule cancelling" button.

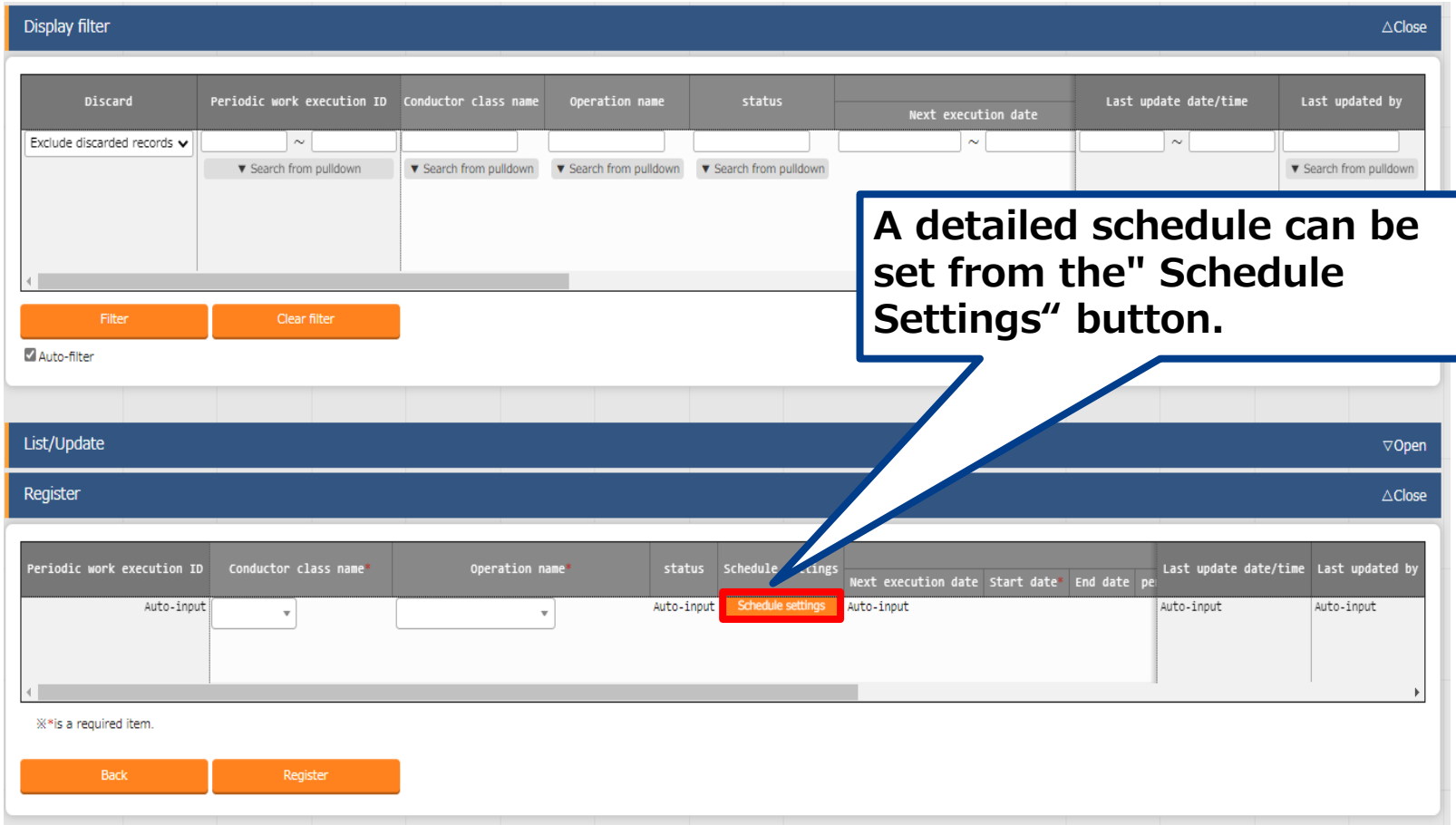
2.3 Conductor Function Description (8/10)

- **Conductor check（1）**
  In the “Conductor” Menu group -> “Conductor list” menu ->”List” Sub-menu, users can download the input/results data for each Conductor.



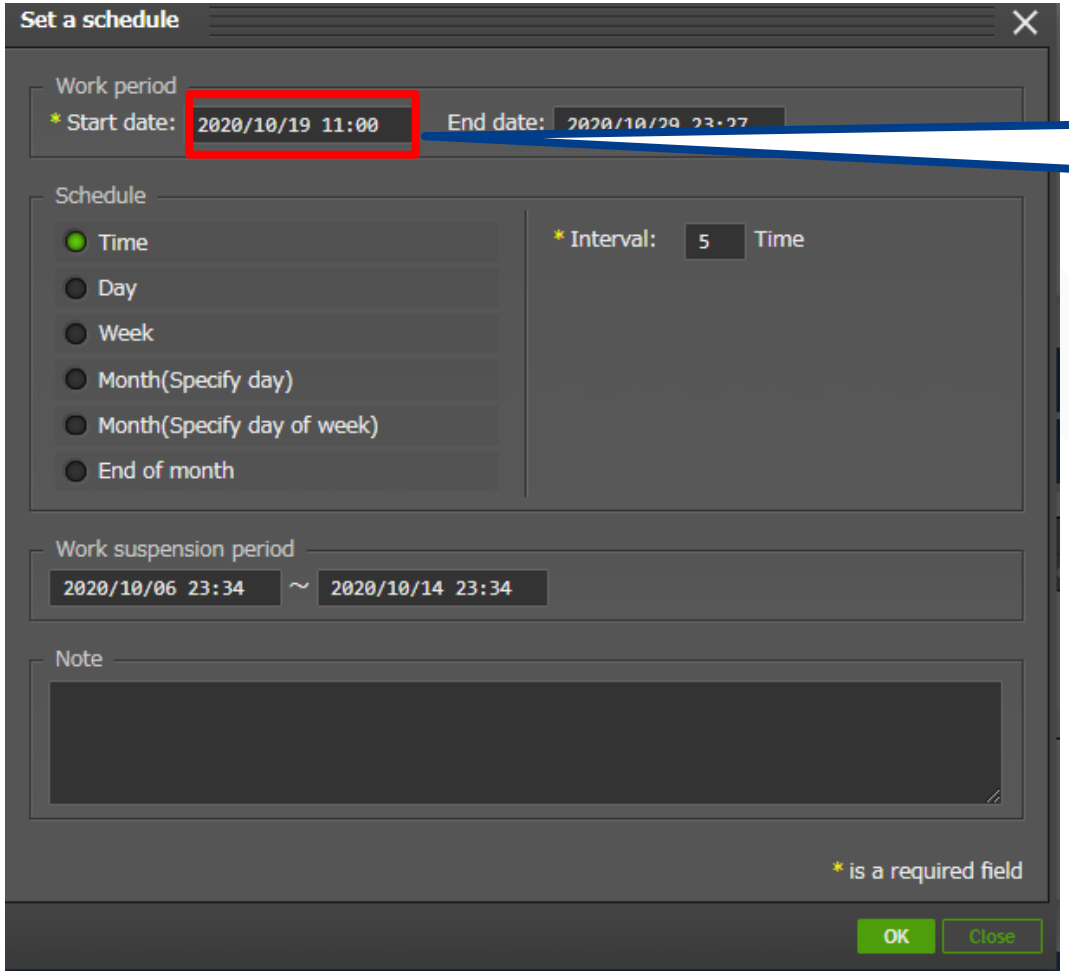
●Conductor Routine Executions（1/2）

- In the "Conductor Regularly execution" menu, users can manage regularly executed operations.

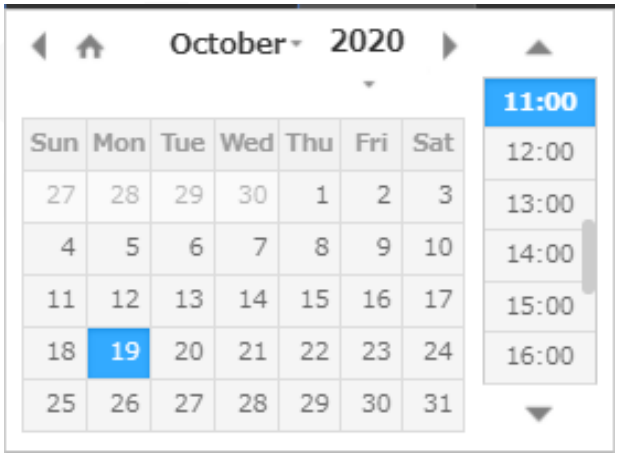


●Conductor Routine Executions（2/2）

- "Schedule setting“ allows user to set detailed settings such as the regular execution period and the period for stopping work.

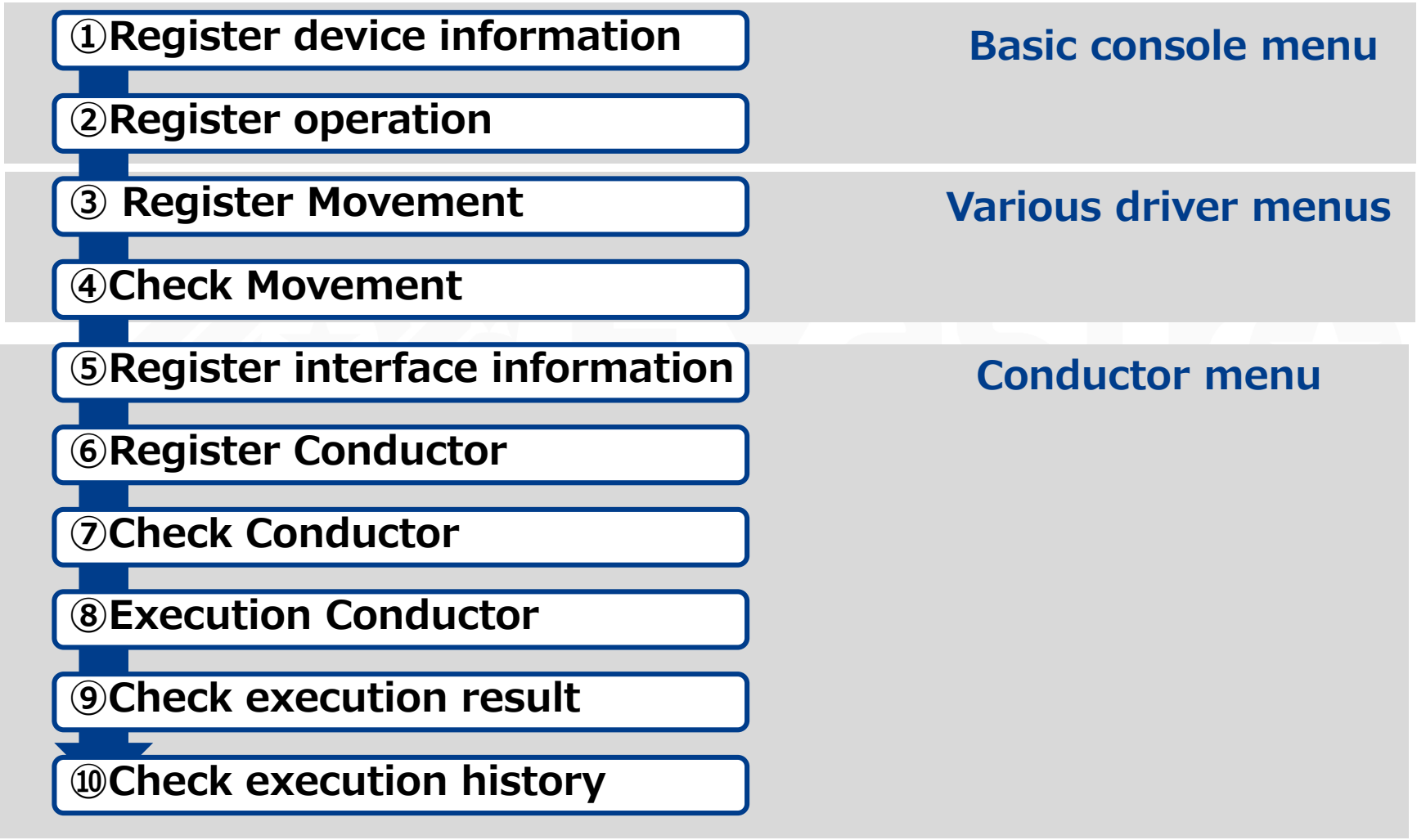


Clicking here will display a calendar.



2.4 Conductor workflow

- The Conductor workflow is as follows.
  Details can be found in the Practice document.

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